

Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : AMERICAN MUSEUM OF THE MOVING IMAGE
Address : 36-01 35TH AVE
Borough : QUEENS **Agency's Number** : N/A
Program / Asset # : DCA0040.000 / 14458 **Yr Built/Renovated** : 1920 / 2010
Area Sq Ft : 85,721 **Project Type** : CULTURAL AFFAIRS
Date of Survey : 23-Apr-2010 **Landmark Status** : HISTORICAL LANDMARK DISTRICT
Areas Surveyed : Basement, Roof, Floors 1,2,3,PH
Block : 644 **Lot** : 1 **BIN** : 4441089

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Exterior Architecture		\$544,900
Interior Architecture		\$43,200
Electrical		\$807,100
Mechanical	\$525,300	\$665,800
Total	\$525,300	\$2,061,000
Priority A		\$544,900
Priority B	\$525,300	\$1,472,900
Priority C		\$43,200
Total	\$525,300	\$2,061,000

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$50,900		\$4,400	
Interior Architecture			\$17,400	
Electrical	\$10,900	\$9,300	\$8,300	\$8,800
Mechanical	\$28,900	\$20,500	\$43,900	\$20,500
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$94,700	\$33,700	\$78,000	\$33,200
Priority A	\$50,900		\$4,400	
Priority B	\$43,700	\$33,700	\$56,200	\$33,200
Priority C			\$17,400	
Total	\$94,700	\$33,700	\$78,000	\$33,200



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

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

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

**DEPARTMENT OF CULTURAL AFFAIRS - 126
AMERICAN MUSEUM OF THE MOVING IMAGE**

Asset # : 14458

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
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	65%			LIFE	**	5	\$444,000	A
Stucco Cement	5%			2034	**	5	\$17,100	A
Under Construction	30%							D
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location : South Side</i>								
<i>Explanation : New Addition Is Being Built.</i>								
Windows								
Aluminum	67%			2037	**	5	\$8,900	A
Metal Louvers	3%			2030	**	10	\$2,500	A
Under Construction	30%							D
Parapets								
Cast in Place Concrete	60%			LIFE	**	5	\$86,500	A
Cast in Place Concrete	10%	Now	\$18,800	LIFE	**	5	\$14,400	A
<i>Exposed Reinforcement, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : East Parapet</i>								
<i>Loose/Delam Surface, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Interior Face Of East Parapet</i>								
Under Construction	30%							D
Roof								
Modified Bitumen	55%	Now	\$32,100	2026	**			A
<i>Blisters, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Over Third Floor</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Small Section Over Third Floor</i>								
Under Construction	45%							D
Interior								
Floors								
Carpet	35%			2020	\$221,700	3	\$52,300	C
Cast in Place Concrete	5%			LIFE	**	5	\$10,900	C
Under Construction	60%							D
Interior Walls								
Concrete Masonry Unit	5%			LIFE	**	5	\$4,800	C
Glass: Single Pane	5%			LIFE	**	5	\$9,000	C
Gypsum Board	30%			LIFE	**	5	\$43,200	C
Under Construction	60%							D
Ceilings								
Exposed Concrete	30%			LIFE	**	5	\$4,700	B
Gypsum Board	10%			LIFE	**	5	\$12,500	B
Under Construction	60%							D
Electrical								
Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
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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Estimates are rounded to the nearest hundred dollars.

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**DEPARTMENT OF CULTURAL AFFAIRS - 126
AMERICAN MUSEUM OF THE MOVING IMAGE**

Asset # : 14458

Electrical	Current Repair		Future Replacement		Maintenance		Priority Code	
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%			2031	**	5	\$200	B
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Electrical Room</i>							
	<i>Explanation : Main Service Switch Rated @ 3000 Amperes</i>							
Under Construction	50%							D
Transformers								
Under Construction	100%							D
Switchgear / Switchboard								
Molded Case Bkrs	50%			2031	**	5	\$900	B
Under Construction	50%							D
Raceway								
Conduit	40%			2031	**	1		B
Under Construction	60%							D
Panelboards								
Molded Case Bkrs	40%			2029	**	5	\$700	B
Under Construction	60%							D
Wiring								
Thermoplastic	40%			2031	**	1		B
Under Construction	60%							D
Motor Controllers								
Locally Mounted	50%			2026	**	5	\$200	B
Under Construction	50%							D
Ground								
Grounding Devices								
Under Construction	50%							D
Generic	50%			LIFE	**	5	\$500	B
Stand-by Power								
Transfer Switches								
Automatic	100%			2026	**	1	\$21,700	B
Generators								
Diesel	100%			2024	\$41,000	1	\$27,200	B
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Generator Room</i>							
	<i>Explanation : No Nameplate Rating Available</i>							
Batteries								
Lead/Acid	100%			2015	\$700	5	\$2,600	B
Fuel Storage								
Day Tank	50%			2029	**	5	\$6,500	B
Main Tank	50%			2036	**	5	\$1,000	B
Lighting								

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**DEPARTMENT OF CULTURAL AFFAIRS - 126
AMERICAN MUSEUM OF THE MOVING IMAGE**

Asset #: 14458

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Lighting								
Interior Lighting								
Fluorescent	10%			2021	\$31,700	10	\$6,400	B
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : T-12 Lamps</i>							
Fluorescent	10%			2021	\$31,700	10	\$6,400	B
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Throughout The Building</i>							
	<i>Explanation : Compact Fluorescent Lights</i>							
Incandescent	40%			2021	\$127,000	2	\$600	B
Under Construction	40%							D
Egress Lighting								
Emergency, Battery	25%			2021	\$7,800	10	\$4,200	B
Exit, Battery	25%			2021	\$15,600	10	\$1,200	B
Under Construction	50%							D
Lightning Protection								
Arresters/Cabling								
Under Construction	100%							D
Alarm								
Security System								
No Component	50%							D
Generic	50%			2021	\$130,200	1	\$13,100	B
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Some Areas</i>							
	<i>Explanation : CCTV Surveillance Camera System</i>							
Fire/Smoke Detection								
No Component	50%							D
Generic	50%			2021	\$445,500	1-3	\$22,300	B
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : Fire Alarm System Is Functional And Maintained By A Private Contractor</i>							

Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Natural Gas	100%			2041	**	1		B
	<i>Other Observation, Extent : Light, Area Affected : 30%</i>							
	<i>Location : New Wing</i>							
	<i>Explanation : Mech Components For New Wing Are Under Construction</i>							
Conversion Equipment								
Hot Water Boiler	100%			2026	**	1	\$34,800	B
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Penthouse</i>							
	<i>Explanation : 2 Groups Of Small Boilers (5 Units In Each Group)</i>							

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AMERICAN MUSEUM OF THE MOVING IMAGE**

Asset # : 14458

Mechanical		Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost		
Heating									
Distribution									
Hot Wtr Piping/Pump	100%			2029	**	4	\$3,500		B
Terminal Devices									
Air Handler	60%			2016	\$278,300	1	\$26,100		B
Convactor/Radiator	40%			2026	**	1	\$9,100		B
Air Conditioning									
Energy Source									
Electricity	100%			2037	**	1			B
Conversion Equipment									
Centrifugal, Elec Chiller	100%			2024	\$231,900	1	\$76,000		B
Distribution									
Chilled Wtr Pipe/Pump	100%			2031	**	4	\$5,200		B
Terminal Devices									
Air Handler/Cool/Ht	100%			2021	\$365,400	1	\$43,400		B
Heat Rejection									
Water Cool Tower	100%	0-2	\$247,000	2026	**	2	\$56,500		B
<i>On Extended Life, Extent : Severe, Area Affected : 100%</i>									
<i>Location : Roof - This Unit Is Scheduled To Be Replaced</i>									
Ventilation									
Distribution									
Ductwork/Diffusers	100%			LIFE	**	2-5	\$39,100		B
Exhaust Fans									
Roof	100%			2021	\$68,400	2	\$2,200		B
Plumbing									
H/C Water Piping									
Brass/Copper	100%	2-4	\$5,100	2031	**	1			B
<i>Corroded, Extent : Moderate, Area Affected : 50%</i>									
<i>Location : Water Main</i>									
Water Heater									
Gas Fired	100%			2020	\$20,000	2	\$1,100		B
Sanitary Piping									
Cast Iron	100%			LIFE	**	1			B
Storm Drain Piping									
Cast Iron	100%			LIFE	**	1			B
Sump Pump(s)									
Rigid Piping	100%			2021	\$11,100	4	\$1,300		B
Fixtures									
Generic	100%								B
Vertical Transport									
Elevators									
Hydraulic	100%			LIFE	**				C
<i>Other Observation, Extent : Light, Area Affected : 100%</i>									
<i>Location : 1-3</i>									
<i>Explanation : 1 Unit</i>									
Fire Suppression									
Sprinkler									
Generic	100%			2031	**	1-2	\$19,700		B

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**DEPARTMENT OF CULTURAL AFFAIRS - 126
AMERICAN MUSEUM OF THE MOVING IMAGE
Asset # : 14458**

Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : AMERICAN MUSEUM OF NATL HISTORY ELECTRICAL SYSTEM
 Address : W. 77TH ST. & CPW
 Borough : MANHATTAN Agency's Number : N/A
 Program / Asset # : DCA0002.ELE / 4164 Yr Built/Renovated : 1877 / 2003
 Area Sq Ft : 1,148,000 Project Type : CULTURAL AFFAIRS
 Date of Survey : 01-Jun-2011 Landmark Status : EXTERIOR, HISTORICAL DISTRICT
 Areas Surveyed : Basement, Roof, Floors 1,2,3,4,5
 Block : 1130 Lot : 1 BIN : 1083846

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Electrical	\$218,400	\$4,225,000
Total	\$218,400	\$4,225,000
Priority B	\$218,400	\$4,225,000
Total	\$218,400	\$4,225,000

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Electrical	\$97,200	\$94,800	\$110,000	\$102,200
Total	\$97,200	\$94,800	\$110,000	\$102,200
Priority B	\$97,200	\$94,800	\$110,000	\$102,200
Total	\$97,200	\$94,800	\$110,000	\$102,200



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DEPARTMENT OF CULTURAL AFFAIRS - 126
AMERICAN MUSEUM OF NATL HISTORY ELECTRICAL SYSTEM

Asset # : 4164

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
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%			2048	**	5	\$2,100	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room In Section 17 @ Columbus Avenue</i>								
<i>Explanation : 5 - 4000 Amps Service</i>								
Fused Disc Sw	50%			2022	\$52,600	5	\$2,100	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room In Section 3 @ West 77 Street</i>								
<i>Explanation : 3 - 4000 Amps Service</i>								
Transformers								
Dry Type	80%			2027	**	5	\$2,800	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room In Section 3</i>								
<i>Explanation : 3- 500 Kva, 1-300 Kva, 3- 225 Kva, 1-150 Kva</i>								
Dry Type	20%			2039	**	5	\$700	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room In Section 17</i>								
<i>Explanation : 1- 500 Kva, 1- 75 Kva, 300 Kva</i>								
Switchgear / Switchboard								
Air Circuit Breaker	25%			2022	\$96,200	5	\$1,200	B
Fused Disc Sw	15%			2032	**	5	\$600	B
Fused Disc Sw	50%			2048	**	5	\$2,100	B
Molded Case Bkrs	10%			2048	**	5	\$2,500	B
Raceway								
Conduit	65%			2022	\$326,200	1		B
Conduit	35%			2048	**	1		B
Panelboards								
Fused Disc Sw	5%			2030	**	5	\$1,100	B
Molded Case Bkrs	50%			2021	\$688,700	5	\$12,500	B
Molded Case Bkrs	45%			2044	**	5	\$11,200	B
Wiring								
Braided Cloth	10%	2-4	\$39,200	2047	**	1		B
<i>Insulation Aged, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout Older Building Sections</i>								
Rubber	40%	2-4	\$156,900	2047	**	1		B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout Older Building Sections</i>								
<i>Explanation : On Extended Life</i>								
Thermoplastic	50%			2048	**	1		B
Motor Controllers								
Locally Mounted	30%			2020	\$494,200	5	\$1,900	B
Locally Mounted	40%			2039	**	5	\$2,500	B
Locally Mounted	20%			2027	**	5	\$1,300	B
Motor Control Center	10%			2039	**	5	\$2,600	B
Ground								
Grounding Devices								
Not Accessible	100%							D

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DEPARTMENT OF CULTURAL AFFAIRS - 126
AMERICAN MUSEUM OF NATL HISTORY ELECTRICAL SYSTEM

Asset # : 4164

Electrical	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Stand-by Power								
Transfer Switches								
Automatic	10%			2020	\$3,400	1	\$29,000	B
Automatic	45%			2039	**	1	\$130,500	B
Automatic	45%			2039	**	1	\$130,500	B
Generators								
Diesel	85%			2035	**	1	\$309,200	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Generator Room</i>								
<i>Explanation : 1-1500 Kw, 1-1250 Kva</i>								
Diesel	15%			2018	\$22,200	1	\$54,600	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Generator Room</i>								
<i>Explanation : 1-125 Kw</i>								
Batteries								
Lead/Acid	10%			2015	\$100	5	\$3,500	B
Lead/Acid	45%			2017	\$300	5	\$15,700	B
Lead/Acid	45%			2017	\$300	5	\$15,700	B
Fuel Storage								
Day Tank	5%			2021	\$4,000	5	\$8,300	B
Day Tank	10%			2044	**	5	\$16,500	B
Day Tank	10%			2038	**	5	\$16,500	B
Main Tank	30%			2050	**	5	\$7,900	B
Main Tank	30%			2057	**	5	\$7,900	B
Main Tank	15%			2037	**	5	\$3,900	B
Lighting								
Interior Lighting								
Fluorescent	65%			2030	**	10	\$530,300	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : New Building Sections</i>								
<i>Explanation : T-8 Lamps</i>								
Fluorescent	20%			2022	\$805,200	10	\$163,200	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout Older Building Sections</i>								
<i>Explanation : T-12 Lamps</i>								
Incandescent	15%			2022	\$603,900	2	\$3,000	B
Egress Lighting								
Emergency, Battery	20%			2030	**	10	\$43,000	B
Exit, LED	80%			2057	**	1		B
Exterior Lighting								
HID	100%			2022	\$421,700	10	\$3,000	B
Lightning Protection								
Arresters/Cabling								
Generic	100%			2037	**	5		B
Alarm								
Security System								
Not Accessible	100%							D

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DEPARTMENT OF CULTURAL AFFAIRS - 126
AMERICAN MUSEUM OF NATL HISTORY ELECTRICAL SYSTEM

Asset # : 4164

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	Code
Alarm								
Fire/Smoke Detection								
No Component	65%			2030	* *	1-3	\$209,100	D
Generic	35%							B

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Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : AMERICAN MUSEUM OF NATL HISTORY SECT 18 -ROSE CENTER PLANETARIUM
 Address : W. 77TH ST. & CPW
 Borough : MANHATTAN Agency's Number : N/A
 Program / Asset # : DCA0002.018 / 13565 Yr Built/Renovated : 2000 /
 Area Sq Ft : 89,502 Project Type : CULTURAL AFFAIRS
 Date of Survey : 08-Jun-2011 Landmark Status : HISTORICAL LANDMARK DISTRICT
 Areas Surveyed : Basement, Roof, Floors 1,2,3,4,5,6
 Block : 1130 Lot : 1 BIN : 1083846

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$689,000	\$266,300
Interior Architecture		\$136,100
Mechanical		\$257,800
Total	\$689,000	\$660,300
Priority A	\$689,000	\$266,300
Priority B		\$346,900
Priority C		\$47,100
Total	\$689,000	\$660,300

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture			\$38,400	
Interior Architecture	\$16,400		\$12,300	\$8,200
Mechanical	\$48,700	\$19,900	\$54,800	\$24,900
Elevators/Escalators	\$45,600	\$45,600	\$45,600	\$45,600
Total	\$110,700	\$65,500	\$151,200	\$78,700
Priority A			\$38,400	
Priority B	\$102,500	\$65,500	\$100,400	\$70,500
Priority C	\$8,200		\$12,300	\$8,200
Total	\$110,700	\$65,500	\$151,200	\$78,700



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DEPARTMENT OF CULTURAL AFFAIRS - 126
AMERICAN MUSEUM OF NATL HISTORY SECT 18 -ROSE CENTER PLANETARIUM
Asset # : 13565

Architecture	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Copper/Terne	5%			2057	**	10	\$15,900	A
Exposed Struc: Steel	10%			LIFE	**	5	\$42,500	A
Glass: Special Gauge	55%			LIFE	**	1		A
Masonry: Brick	10%			LIFE	**	5	\$13,600	A
Masonry: Granite	10%			LIFE	**	5	\$10,200	A
Pre-Cast Concrete	10%	Now	\$52,600	LIFE	**	5	\$44,200	A
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : South Facade Above Roof</i>								
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : South Facade Above Roof</i>								
<hr/>								
Parapets								
Metal Rail	10%			2035	**	5-10		A
Pre-Cast Concrete	5%			LIFE	**	5		A
Stucco Cement	85%			2035	**	5		A
<hr/>								
Roof								
Built-Up (BUR)	60%			2027	**	10	\$53,900	A
IRMA/Protected Membrane	20%			2027	**	10	\$18,000	A
<i>Grvl/Blst Miss/Disp, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Low Roof</i>								
<i>Vegetation Growth, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Low Roof</i>								
<hr/>								
Single Ply Membrane	5%			2027	**	10	\$4,500	A
Sloped Glazing	15%	Now	\$582,600	LIFE	**	5	\$179,500	A
<i>Condensation Present, Extent : Severe, Area Affected : 30%</i>								
<i>Location : Atrium Roof</i>								
<i>Glazing Clouded, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Lower Roof</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Atrium Roof</i>								
<i>Explanation : To Be Replaced Under Warrantee In 2011</i>								
<hr/>								
Interior								
Floors								
Carpet	15%			2021	\$104,500	3	\$32,900	C
Cast in Place Concrete	5%			LIFE	**	5	\$12,000	C
Granite Panels	10%			LIFE	**	5	\$8,200	C
Sheet Vinyl/Rubber	15%			2027	**	5	\$24,700	C
Terrazzo	55%			LIFE	**	5	\$47,100	C

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

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
AMERICAN MUSEUM OF NATL HISTORY SECT 18 -ROSE CENTER PLANETARIUM
Asset # : 13565

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost		
Interior									
Interior Walls									
Concrete Masonry Unit	5%			LIFE	**	5	\$2,400	C	
Fiberglass Panel	25%			LIFE	**			C	
Glass: Single Pane	15%			LIFE	**	5	\$13,700	C	
Gypsum Board	45%			LIFE	**	5	\$32,900	C	
Metal Panel	10%			LIFE	**			C	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>									
<i>Location : Sphere</i>									
<i>Explanation : Special Construcion</i>									
Ceilings									
AcousTileSusp.Lay-In	15%			2035	**	5	\$16,400	B	
Exposed Concrete	10%			LIFE	**	5	\$1,700	B	
Gypsum Board	10%			LIFE	**	5	\$13,700	B	
Metal Panel	65%			LIFE	**	5	\$89,000	B	
Mechanical									
System Component Type		% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating									
Energy Source									
Utility Steam	100%			2042	**	1		B	
Conversion Equipment									
Heat Exchanger	80%	0-2	\$800	2031	**	1	\$26,100	B	
<i>Corroded, Extent : Moderate, Area Affected : 5%</i>									
<i>Location : Basement</i>									
<i>Other Observation, Extent : Light, Area Affected : 100%</i>									
<i>Location : Basement</i>									
<i>Explanation : 2 Units</i>									
Pres. Reducing Valve/LP Steam	20%	Now	\$600	2031	**	5	\$400	B	
<i>Other Observation, Extent : Moderate, Area Affected : 5%</i>									
<i>Location : Basement</i>									
<i>Explanation : Steam Control Malfunctioning</i>									
Distribution									
Hot Wtr Piping/Pump	100%			2038	**	4	\$3,600	B	
Air Conditioning									
Energy Source									
District C.W.	100%			2048	**	1		B	
Conversion Equipment									
Centrifugal, Elec Chiller	100%			2031	**	1	\$79,300	B	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>									
<i>Location : Chiller In Section 17 Using R-134a Refrigerant</i>									
<i>Explanation : Remotely Located</i>									
Distribution									
Chilled Wtr Pipe/Pump	100%			2042	**	4	\$3,600	B	

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

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
AMERICAN MUSEUM OF NATL HISTORY SECT 18 -ROSE CENTER PLANETARIUM

Asset # : 13565

Mechanical	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Air Conditioning								
Terminal Devices								
Air Handler/Cool/Ht	100%	Now	\$19,100	2027	**	1	\$40,800	B
<i>Malfunctioning, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Roof Glass Defrost System</i>								
Heat Rejection								
Water Cool Tower	100%	Now	\$12,900	2023	\$257,800	2	\$59,000	B
<i>Other Observation, Extent : Light, Area Affected : 20%</i>								
<i>Location : Between Sections 4 And 11</i>								
<i>Explanation : 2 Units Out Of 8 Are Inoperable</i>								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$40,800	B
Exhaust Fans								
Roof	100%			2030	**	2	\$2,300	B
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2048	**	1		B
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		B
Storm Drain Piping								
Cast Iron	100%			LIFE	**	1		B
Sump Pump(s)								
Submersible	100%	Now	\$3,400	2017	\$6,700	4	\$1,300	B
<i>Malfunctioning, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
Fixtures								
Generic	100%							B
Vertical Transport								
Elevators								
Geared Traction	90%			LIFE	**			C
<i>Other Observation, Extent : Light, Area Affected : 90%</i>								
<i>Location : 1-6</i>								
<i>Explanation : Three Units</i>								
Hydraulic	10%			LIFE	**			C
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : B-1</i>								
<i>Explanation : One Unit</i>								
Escalators								
Under 20' Rise	100%			LIFE	**			C
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : L1 To 1, 1 To 2, 2 To 3</i>								
<i>Explanation : Three Units</i>								
Fire Suppression								
Standpipe								
Generic	100%			2042	**	1-5	\$38,400	B
Sprinkler								
Generic	100%			2042	**	1-2	\$20,600	B

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
AMERICAN MUSEUM OF NATL HISTORY SECT 18 -ROSE CENTER PLANETARIUM
Asset # : 13565

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

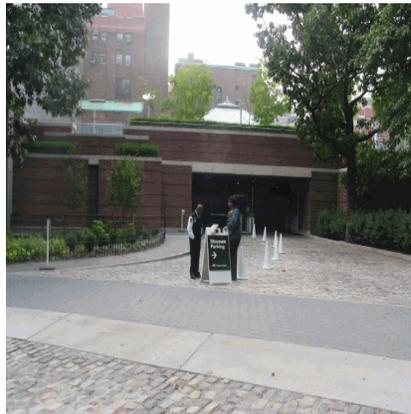
Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : AMERICAN MUSEUM OF NATL HISTORY SECT16-ROSE TERRACE/PARK. GARAGE
Address : W. 77TH ST. & CPW
Borough : MANHATTAN **Agency's Number** : N/A
Program / Asset # : DCA0002.016 / 13564 **Yr Built/Renovated** : 2000 /
Area Sq Ft : 163,151 **Project Type** : CULTURAL AFFAIRS
Date of Survey : 03-Jun-2011 **Landmark Status** : HISTORICAL LANDMARK DISTRICT
Areas Surveyed : Roof, Floors P1,P2,1,LL
Block : 1130 **Lot** : 1 **BIN** : 1083846

CAPITAL		FY 2015 - 2018	FY 2019 - 2024
Exterior Architecture		\$144,400	\$77,900
Interior Architecture		\$37,500	\$87,400
Total		\$181,900	\$165,300
Priority A		\$144,400	\$77,900
Priority B			\$49,900
Priority C		\$37,500	\$37,500
Total		\$181,900	\$165,300

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture			\$20,900	
Interior Architecture	\$1,200		\$5,000	\$1,200
Mechanical	\$11,400	\$19,400	\$45,700	\$13,400
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$16,600	\$23,400	\$75,500	\$18,600
Priority A			\$20,900	
Priority B	\$15,400	\$23,400	\$54,700	\$17,300
Priority C	\$1,200			\$1,200
Total	\$16,600	\$23,400	\$75,500	\$18,600



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

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
AMERICAN MUSEUM OF NATL HISTORY SECT16-ROSE TERRACE/PARK. GARAGE
Asset # : 13564

Architecture	Current Repair		Future Replacement		Maintenance		Priority Code	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)		Estimated Cost
Exterior								
Exterior Walls								
Copper/Terne	5%			2057	**	10		A
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : North And West Facades</i>								
<i>Explanation : Copper Panel</i>								
Masonry: Brick	40%			LIFE	**	5		A
Masonry: Limestone	3%			LIFE	**	5		A
Pre-Cast Concrete	20%			LIFE	**	5		A
<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : South Facade</i>								
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : South Facade</i>								
Window Wall	32%			2042	**	5		A
Parapets								
Copper/Terne	5%			2057	**	5		A
Masonry: Brick	20%			LIFE	**	5		A
Metal Rail	10%			2035	**	5-10		A
Pre-Cast Concrete	5%			LIFE	**	5		A
No Component	60%							D
Roof								
Built-Up (BUR)	5%			2027	**	10	\$4,200	A
Copper/Terne	3%			2050	**	10	\$6,300	A
IRMA/Protected Membrane	20%			2027	**	10	\$16,700	A
Plaza Roof: Stone Panels	65%	Now	\$144,400	2042	**			A
<i>Miss/Damaged Flashings, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Over Garage</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Over Garage</i>								
Sloped Glazing	7%			LIFE	**	5	\$77,900	A
Interior								
Floors								
Asphalt Macadam	75%			2035	**	5	\$74,900	C
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Garage</i>								
<i>Explanation : Roadway Pavement</i>								
Terrazzo	20%			LIFE	**	5	\$31,200	C
Vinyl Tile	5%			2027	**	3	\$5,000	C
Interior Walls								
Concrete Masonry Unit	70%			LIFE	**	5	\$10,400	C
Gypsum Board	20%			LIFE	**	5	\$4,400	C
Masonry: Brick	10%			LIFE	**			C

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
AMERICAN MUSEUM OF NATL HISTORY SECT16-ROSE TERRACE/PARK. GARAGE
Asset # : 13564

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Interior								
Ceilings								
AcousTileSusp.Lay-In	5%			2027	**	5	\$10,000	B
Exposed Concrete	75%			LIFE	**	5	\$23,400	B
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Parking Garage</i>								
Gypsum Board	20%			LIFE	**	5	\$49,900	B
Mechanical								
Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating								
Energy Source								
Utility Steam	20%			2032	**	1		B
No Component	80%							D
Conversion Equipment								
HTHW/HW Exchanger	20%			2031	**	2	\$1,700	B
No Component	80%							D
Distribution								
Hot Wtr Piping/Pump	20%			2038	**	4	\$1,300	B
No Component	80%							D
Air Conditioning								
Conversion Equipment								
Centrifugal,Compressor Turbine	20%			2031	**	1	\$28,900	B
<i>R-134a Refrigerant, Extent : Light, Area Affected : 100%</i>								
<i>Location : Chillers In Basement Of Section 17</i>								
Ext Pkg Unit - Cooling	10%			2027	**	2	\$800	B
<i>R-22 Refrigerant, Extent : Light, Area Affected : 10%</i>								
<i>Location : Not Accessible</i>								
No Component	70%							D
Distribution								
Chilled Wtr Pipe/Pump	20%			2042	**	4	\$1,300	B
No Component	80%							D
Terminal Devices								
Air Handler/Cool/Ht	20%			2027	**	1	\$16,500	B
No Component	80%							D
Heat Rejection								
Water Cool Tower	20%	Now	\$1,400	2020	\$28,200	2	\$21,500	B
<i>Other Observation, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Component Located Between Sections 4 And 11</i>								
<i>Explanation : 2 Units Out Of 8 Are Inoperable</i>								
No Component	80%							D
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$74,400	B

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
AMERICAN MUSEUM OF NATL HISTORY SECT16-ROSE TERRACE/PARK. GARAGE
Asset # : 13564

Mechanical	Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	
Ventilation							
Exhaust Fans							
Not Accessible	100%						D
Plumbing							
H/C Water Piping							
Galv Iron/Steel	20%			2035	* *	1	B
No Component	80%						D
Sanitary Piping							
Not Accessible	100%						D
Storm Drain Piping							
Cast Iron	100%			LIFE	* *	1	B
Sump Pump(s)							
Submersible	100%			2016	\$6,700	4	\$2,000 B
Vertical Transport							
Elevators							
Hydraulic	100%			LIFE	* *		C
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>					
		<i>Location : Basement : 2nd Floor</i>					
		<i>Explanation : 1 Unit</i>					
Fire Suppression							
Standpipe							
Generic	100%			2032	* *	1-5	\$67,400 B
Sprinkler							
Generic	100%			2032	* *	1-2	\$37,500 B

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
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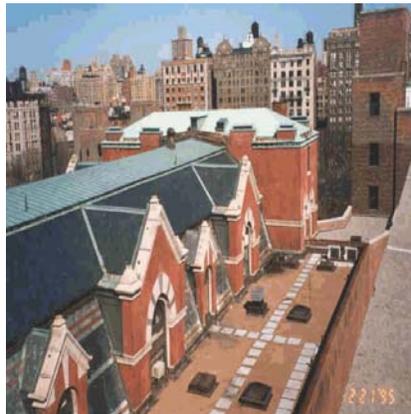
Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : AMERICAN MUSEUM OF NATL HISTORY SECTION 1
Address : W. 77TH ST. & CPW
Borough : MANHATTAN **Agency's Number** : N/A
Program / Asset # : DCA0002.001 / 2327 **Yr Built/Renovated** : 1877 / 1996
Area Sq Ft : 96,420 **Project Type** : CULTURAL AFFAIRS
Date of Survey : 06-Jun-2011 **Landmark Status** : EXTERIOR, HISTORICAL DISTRICT
Areas Surveyed : Basement, Roof, Floors 1,2,3,4,5,6
Block : 1130 **Lot** : 1 **BIN** : 1083846

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$1,505,700	\$101,000
Interior Architecture	\$472,900	\$265,600
Mechanical	\$351,500	\$752,000
Total	\$2,330,100	\$1,118,600
Priority A	\$1,505,700	\$101,000
Priority B	\$515,300	\$918,000
Priority C	\$309,200	\$99,600
Total	\$2,330,100	\$1,118,600

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$16,500			\$300
Interior Architecture	\$17,000		\$29,500	\$164,200
Mechanical	\$124,600	\$15,600	\$71,800	\$14,200
Total	\$158,000	\$15,600	\$101,400	\$178,700
Priority A	\$16,500			\$300
Priority B	\$127,500	\$15,600	\$71,800	\$14,200
Priority C	\$14,000		\$29,500	\$164,200
Total	\$158,000	\$15,600	\$101,400	\$178,700



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

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DEPARTMENT OF CULTURAL AFFAIRS - 126
AMERICAN MUSEUM OF NATL HISTORY SECTION 1

Asset # : 2327

Architecture	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	85%	Now	\$767,900	LIFE	**	5	\$46,600	A
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Various</i>								
<i>Efflorescence, Extent : Severe, Area Affected : 40%</i>								
<i>Location : West Facade</i>								
<i>Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
<i>Staining/Discoloring, Extent : Severe, Area Affected : 30%</i>								
<i>Location : West Facade</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 30%</i>								
<i>Location : Throughout Offices, Especially At Dormers</i>								
Masonry: Granite	10%	Now	\$162,300	LIFE	**	5	\$4,100	A
<i>Diagonal Cracks, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : At Dormer On West Facade</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Rusting Masonry Supt, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : At Dormers</i>								
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : West Facade</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Masonry: Limestone	5%			LIFE	**	5	\$2,100	A
<i>Staining/Discoloring, Extent : Severe, Area Affected : 30%</i>								
<i>Location : West Facade</i>								
Windows								
Aluminum	5%			2038	**	5	\$600	A
Wood	95%	Now	\$367,100	2047	**	5	\$54,400	A
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Dry Rot/Decay, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Thermally Inefficient, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Split/Cracked, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Throughout</i>								

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

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

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

**DEPARTMENT OF CULTURAL AFFAIRS - 126
AMERICAN MUSEUM OF NATL HISTORY SECTION 1**

Asset # : 2327

Architecture	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Roof								
Copper/Terne	40%	Now	\$16,500	2037	**			A
<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Various</i>								
<i>Deformed/Dented, Extent : Severe, Area Affected : 5%</i>								
<i>Location : Various</i>								
<i>Caulking Deteriorated, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Flashing Around All Dormers</i>								
Slate	40%	Now	\$34,700	LIFE	**			A
<i>Water Penetration, Extent : Severe, Area Affected : 20%</i>								
<i>Location : West Side Of Roof Especialy Around Dormers</i>								
Slate	20%	Now	\$173,600	LIFE	**			A
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 15%</i>								
<i>Location : East Side Steep Slope Area</i>								
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 20%</i>								
<i>Location : East Side Steep Slope Area</i>								
<i>Loose/Miss Fasteners, Extent : Severe, Area Affected : 50%</i>								
<i>Location : East Side Steep Slope Area</i>								
<i>Loose Units, Extent : Severe, Area Affected : 20%</i>								
<i>Location : East Side Steep Slope Area</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 50%</i>								
<i>Location : East Side Steep Slope Area, Especially Around Dormers</i>								
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : East Side Steep Slope Area</i>								
<i>Explanation : Way, Way Beyond Material Rated Life</i>								
Interior								
Floors								
Carpet	20%			2018	\$150,100	3	\$47,200	C
Mosaic Tile	20%			2027	**	5	\$59,000	C
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : First Floor Exhibition Area</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Multiple Locations</i>								
<i>Explanation : Historic Minton Tiles - Super Premium.</i>								
Steel Grating	5%			2042	**	1		C
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Above 5th Floor Ceiling</i>								
<i>Explanation : 5m Catwalk</i>								
Terrazzo	40%			LIFE	**	5	\$36,900	C
Vinyl Tile	15%			2027	**	3	\$8,900	C

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

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

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

**DEPARTMENT OF CULTURAL AFFAIRS - 126
AMERICAN MUSEUM OF NATL HISTORY SECTION 1**

Asset # : 2327

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
Interior Walls								
Gypsum Board	25%			LIFE	**	5	\$23,500	C
Masonry: Brick	5%			LIFE	**			C
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Interstitial Floor Above 5th</i>								
<i>Explanation : 12x12</i>								
Plaster	50%	Now	\$309,200	LIFE	**	5	\$23,500	C
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Offices - Especially Around Dormers</i>								
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Offices, Dormers, Prehistoric Exhibit Hall Windows</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Offices, Around Dormers, Prehistoric Exhibit Hall Windows</i>								
Plaster	10%			LIFE	**	5	\$4,700	C
Wood	10%			LIFE	**	5	\$62,700	C
Ceilings								
AcousTileSusp.Lay-In	5%			2035	**	5	\$5,900	B
Plaster	10%			LIFE	**	5	\$7,400	B
Plaster	75%	Now	\$163,700	LIFE	**	5	\$55,300	B
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Around Dormer Windows</i>								
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Offices, Near Dormers, North Stairwell</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Offices, Northwest Stairwell, Various Other Locations</i>								
Wood	10%			LIFE	**	5	\$103,300	B

Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Utility Steam	100%			2032	**	1		B
Conversion Equipment								
Pres. Reducing Valve/LP Steam	100%			2025	**	5	\$4,700	B
Distribution								
Steam Piping/Pump	100%	Now	\$33,800	2032	**	4	\$3,900	B
<i>Other Observation, Extent : Moderate, Area Affected : 70%</i>								
<i>Location : Basement</i>								
<i>Explanation : Steam Traps Faulty And Condensate Return Lines Corroded</i>								

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

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
AMERICAN MUSEUM OF NATL HISTORY SECTION 1

Asset # : 2327

Mechanical	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Terminal Devices								
Convector/Radiator	60%			2020	\$548,400	1	\$15,300	B
No Component	40%							D
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location : Through Out</i>								
<i>Explanation : Included In Ac Section</i>								
Air Conditioning								
Energy Source								
District C.W.	70%			2032	**	1		B
Electricity	30%			2038	**	1		B
Conversion Equipment								
Centrifugal, Elec Chiller	70%			2035	**	1	\$59,800	B
<i>Other Observation, Extent : Light, Area Affected : 70%</i>								
<i>Location : Sect 17</i>								
<i>Explanation : Component Located In Basement Of Section 17. refrigerant 134a</i>								
Window/Wall Unit	15%			2017	\$29,800	1		B
No Component	15%							D
Distribution								
Chilled Wtr Pipe/Pump	70%			2032	**	4	\$4,100	B
No Component	30%							D
Terminal Devices								
Direct Expansion	15%			2022	\$38,300	1		B
Air Handler/Cool/Ht	70%			2017	\$244,600	1	\$34,200	B
No Component	15%							D
Heat Rejection								
Air Condenser Unit	15%			2022	\$24,600	2	\$8,200	B
Water Cool Tower	70%	Now	\$33,100	2023	\$165,300	2	\$44,500	B
<i>Other Observation, Extent : Light, Area Affected : 70%</i>								
<i>Location : Component Located Between Sect 4 And 11</i>								
<i>Explanation : 8 Cooling Towers</i>								
No Component	15%							D
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$44,000	B
Exhaust Fans								
Interior	100%			2017	\$107,000	2	\$2,400	B
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%	0-2	\$28,900	2027	**	1		B
<i>Corroded, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Throughout Basement</i>								
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		B
Storm Drain Piping								
Cast Iron	100%	Now	\$13,500	LIFE	**	1		B
<i>Blockage /Clogged, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Basement</i>								

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

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

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

**DEPARTMENT OF CULTURAL AFFAIRS - 126
AMERICAN MUSEUM OF NATL HISTORY SECTION 1**

Asset # : 2327

Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Plumbing								
Fixtures								
Generic	100%							B
Fire Suppression								
Standpipe								
Generic	100%			2032	* *	1-5	\$39,900	B
Sprinkler								
No Component	95%							D
Generic	5%			2032	* *	1-2	\$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.

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

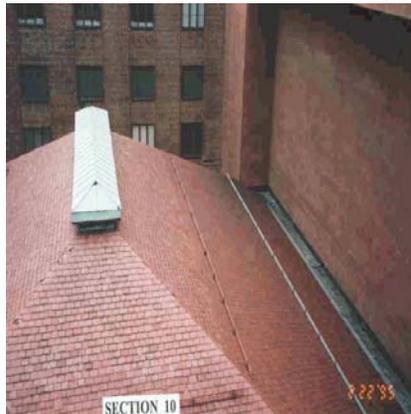
Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : AMERICAN MUSEUM OF NATL HISTORY SECTION 10
Address : W. 77TH ST. & CPW
Borough : MANHATTAN **Agency's Number** : N/A
Program / Asset # : DCA0002.010 / 2653 **Yr Built/Renovated** : 1924 / 2007
Area Sq Ft : 39,832 **Project Type** : CULTURAL AFFAIRS
Date of Survey : 01-Jun-2011 **Landmark Status** : HISTORICAL LANDMARK DISTRICT
Areas Surveyed : Roof, Floors 1,2
Block : 1130 **Lot** : 1 **BIN** : 1083846

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Exterior Architecture		\$251,900
Mechanical	\$119,700	\$448,200
Total	\$119,700	\$700,100
Priority A		\$251,900
Priority B	\$119,700	\$448,200
Total	\$119,700	\$700,100

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Interior Architecture	\$20,700		\$2,300	\$284,300
Mechanical	\$27,700	\$8,200	\$20,800	\$9,600
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$52,400	\$12,200	\$27,000	\$297,900
Priority B	\$31,700	\$12,200	\$24,700	\$13,600
Priority C	\$20,700		\$2,300	\$284,300
Total	\$52,400	\$12,200	\$27,000	\$297,900



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

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
AMERICAN MUSEUM OF NATL HISTORY SECTION 10

Asset # : 2653

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Roof								
Copper/Terne	100%			2050	**	10	\$251,900	A
Interior								
Floors								
Carpet	85%			2018	\$263,600	3	\$82,900	C
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Various</i>								
<i>Worn/Eroded, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Terrazzo	10%			LIFE	**	5	\$3,800	C
Wood	5%			2037	**	5	\$4,600	C
Interior Walls								
Fiberglass Panel	28%			LIFE	**			C
Gypsum Board	10%			LIFE	**	5	\$3,600	C
Marble Panels	2%			LIFE	**			C
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Columns</i>								
<i>Explanation : Columns</i>								
Plaster	60%			LIFE	**	5	\$10,900	C
Ceilings								
Exposed Struc: Steel	25%			LIFE	**			B
Glass: Susp Panels	50%			LIFE	**			B
Gypsum Board	25%			LIFE	**	5	\$15,200	B
Mechanical								
System Component Type		Current Repair		Future Replacement		Maintenance		Priority Code
% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost		
Heating								
Energy Source								
Utility Steam	100%			2032	**	1		B
Distribution								
Steam Piping/Pump	100%	0-2	\$14,000	2032	**	4	\$1,600	B
<i>Other Observation, Extent : Moderate, Area Affected : 60%</i>								
<i>Location : Basement</i>								
<i>Explanation : Steam Traps Faulty And Condensate Return Lines Corroded</i>								
Terminal Devices								
Convactor/Radiator	40%			2027	**	1	\$4,200	B
Fan Coil Unit/Heat	20%			2017	\$119,700	1	\$2,100	B
No Component	40%							D
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location : Fan Room</i>								
<i>Explanation : Covered Under A C System</i>								
Air Conditioning								
Energy Source								
District C.W.	75%			2032	**	1		B
Electricity	25%			2038	**	1		B

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
AMERICAN MUSEUM OF NATL HISTORY SECTION 10

Asset # : 2653

Mechanical	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Air Conditioning								
Conversion Equipment								
Centrifugal, Elec Chiller	100%			2035	* *	1	\$35,300	B
<i>Other Observation, Extent : Light, Area Affected : 75%</i>								
<i>Location : Basement Of Sect 17</i>								
<i>Explanation : Component Located In Basement Of Sect 17 - Refrigerant 134a</i>								
Distribution								
Chilled Wtr Pipe/Pump	100%			2042	* *	4	\$1,600	B
Terminal Devices								
Air Handler/Cool/Ht	100%			2022	\$169,800	1	\$20,200	B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Sub Basement Of Section 9</i>								
<i>Explanation : .</i>								
Heat Rejection								
Water Cool Tower	100%	Now	\$5,700	2023	\$114,800	2	\$26,200	B
<i>Other Observation, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Component Located Between Sections 4 And 11</i>								
<i>Explanation : 2 Units Out Of 8 Are Inoperable</i>								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$18,200	B
Exhaust Fans								
Interior	100%			2022	\$44,200	2	\$1,000	B
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2020	\$119,400	1		B
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		B
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		B
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			C
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : 1-2, Ocean Life</i>								
<i>Explanation : 1 Unit, #10</i>								
Fire Suppression								
Standpipe								
Generic	100%			2042	* *	1-5	\$17,100	B
Sprinkler								
Generic	100%			2042	* *	1-2	\$9,200	B

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

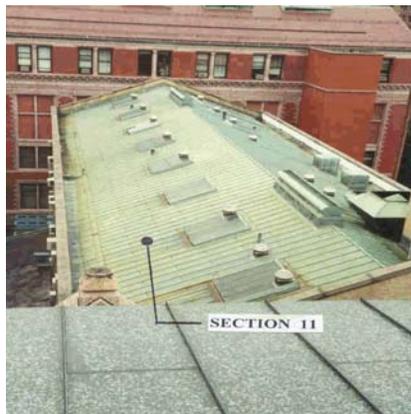
Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : AMERICAN MUSEUM OF NATL HISTORY SECTION 11
Address : W. 77TH ST. & CPW
Borough : MANHATTAN **Agency's Number** : N/A
Program / Asset # : DCA0002.011 / 2314 **Yr Built/Renovated** : 1927 / 1992
Area Sq Ft : 71,368 **Project Type** : CULTURAL AFFAIRS
Date of Survey : 03-Jun-2011 **Landmark Status** : HISTORICAL LANDMARK DISTRICT
Areas Surveyed : Basement, Roof, Floors 1,1M,2,3,4,5
Block : 1130 **Lot** : 1 **BIN** : 1083846

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$663,800	\$161,900
Interior Architecture		\$110,400
Mechanical	\$94,500	\$579,300
Total	\$758,300	\$851,600
Priority A	\$663,800	\$161,900
Priority B	\$94,500	\$579,300
Priority C		\$110,400
Total	\$758,300	\$851,600

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture				\$17,000
Interior Architecture	\$83,300		\$4,600	\$28,800
Mechanical	\$43,100	\$15,000	\$30,400	\$13,900
Elevators/Escalators	\$6,900	\$6,900	\$6,900	\$6,900
Total	\$133,300	\$22,000	\$41,900	\$66,600
Priority A				\$17,000
Priority B	\$59,600	\$22,000	\$37,300	\$20,800
Priority C	\$73,700		\$4,600	\$28,800
Total	\$133,300	\$22,000	\$41,900	\$66,600



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

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

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DEPARTMENT OF CULTURAL AFFAIRS - 126
AMERICAN MUSEUM OF NATL HISTORY SECTION 11

Asset # : 2314

Architecture	Current Repair			Future Replacement		Maintenance		Priority Code
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	\$174,700	LIFE	**	5	\$96,700	A
<i>Diagonal Cracks, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : North Facade</i>								
Windows								
Aluminum	25%			2038	**	5	\$4,300	A
Wood	75%	Now	\$440,000	2047	**	5	\$65,200	A
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Thermally Inefficient, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Split/Cracked, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
Parapets								
Masonry: Brick	100%			LIFE	**	5	\$4,600	A
<i>Recent Repair Evident, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : South Facade</i>								
Roof								
Copper/Terne	75%			2037	**	10	\$49,100	A
<i>Recent Repair Evident, Extent : Light, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
IRMA/Protected Membrane	5%			2022		10	\$1,300	A
Roll Roofing	10%			2018		5	\$4,400	A
Sloped Glazing	10%			LIFE	**	5	\$34,900	A
Interior								

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DEPARTMENT OF CULTURAL AFFAIRS - 126
AMERICAN MUSEUM OF NATL HISTORY SECTION 11

Asset # : 2314

Architecture	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior Floors								
Carpet	60%	Now	\$66,700	2021	\$333,400	3	\$78,700	C
	<i>Broken/Missing Elements, Extent : Severe, Area Affected : 5%</i>							
	<i>Location : Basement (its)</i>							
	<i>Recent Replace Evident, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Fourth Floor</i>							
	<i>Staining/Discoloring, Extent : Moderate, Area Affected : 10%</i>							
	<i>Location : Mezzanine, Third Floor</i>							
	<i>Worn/Eroded, Extent : Moderate, Area Affected : 20%</i>							
	<i>Location : Basement, Mezzanine, 3rd Floor, 2nd Floor Theater</i>							
	<i>Wrinkling, Extent : Moderate, Area Affected : 10%</i>							
	<i>Location : 3rd Floor</i>							
Cork Tile	5%			2032	**	5	\$3,800	C
Sheet Vinyl/Rubber	3%			2030	**	5	\$3,900	C
Traffic Topping	5%			2027	**	5	\$5,500	C
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Basement Labs And 2nd Floor</i>							
	<i>Explanation : Liquid Applied Epoxy Floor</i>							
Vinyl Tile	24%			2027	**	3	\$10,500	C
	<i>Worn/Eroded, Extent : Moderate, Area Affected : 20%</i>							
	<i>Location : Third Floor</i>							
	<i>Other Observation, Extent : Severe, Area Affected : 30%</i>							
	<i>Location : Third Floor</i>							
	<i>Explanation : 9x9 Tile</i>							
Wood	3%			2050	**	5	\$4,900	C
Interior Walls								
Gypsum Board	57%			LIFE	**	5	\$50,900	C
Mosaic Tile	3%			LIFE	**			C
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Bathrooms</i>							
	<i>Explanation : Regular Ceramic Tile - Not Mosaic Tile</i>							
Plaster	30%			LIFE	**	5	\$13,400	C
Wood	10%			LIFE	**	5	\$59,500	C

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DEPARTMENT OF CULTURAL AFFAIRS - 126
AMERICAN MUSEUM OF NATL HISTORY SECTION 11

Asset # : 2314

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
Ceilings								
AcousTile,Adhered	2%			2035	**	5	\$1,700	B
AcousTileSusp.Lay-In	20%			2035	**	5	\$17,500	B
Exposed Concrete	3%			LIFE	**	5	\$400	B
<i>Cracking/Crumbling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Fifth Floor</i>								
Exposed Struc: Steel	2%			LIFE	**			B
Gypsum Board	11%			LIFE	**	5	\$12,000	B
Metal Panel	5%			LIFE	**	5	\$5,500	B
Plaster	50%			LIFE	**	5	\$27,300	B
No Component	7%							D
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location : Fifth Floor</i>								
<i>Explanation : Skylights</i>								

Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Utility Steam	100%			2032	**	1		B
Conversion Equipment								
Pres. Reducing Valve/LP Steam	100%			2018	\$44,500	5	\$3,500	B
Distribution								
Steam Piping/Pump	100%	0-2	\$50,000	2032	**	4	\$2,900	B
<i>Other Observation, Extent : Moderate, Area Affected : 60%</i>								
<i>Location : Basement</i>								
<i>Explanation : Steam Traps Faulty And Condensate Return Lines Corroded</i>								
Terminal Devices								
Air Handler	60%			2022	\$231,700	1	\$21,700	B
Convactor/Radiator	40%			2027	**	1	\$7,600	B
Air Conditioning								
Energy Source								
District C.W.	60%			2032	**	1		B
Electricity	40%			2038	**	1		B

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

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
AMERICAN MUSEUM OF NATL HISTORY SECTION 11

Asset # : 2314

Mechanical	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Air Conditioning								
Conversion Equipment								
Centrifugal, Elec Chiller	60%			2031	* *	1	\$38,000	B
<i>Other Observation, Extent : Light, Area Affected : 60%</i>								
<i>Location : Basement Of Section 17</i>								
<i>Explanation : Component Located In Basement Of Section 17 - Refrigerant 134a</i>								
Ext Pkg Unit - Cooling	10%			2022	\$33,100	2	\$400	B
<i>R-22 Refrigerant, Extent : Light, Area Affected : 100%</i>								
<i>Location : Roof</i>								
Window/Wall Unit	10%	2-4	\$14,700	2022	\$14,700	1		B
<i>On Extended Life, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
No Component	20%							D
Distribution								
Chilled Wtr Pipe/Pump	60%	Now	\$8,400	2032	* *	4	\$1,700	B
<i>Insul. Deteriorating, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Through Out The Backyards In Between Buildings</i>								
<i>Other Observation, Extent : Severe, Area Affected : 5%</i>								
<i>Location : Transfer Cooling Tower Piping And Chilled Water Piping. Rear Yards Between Buildings</i>								
<i>Explanation : Heat Tracing</i>								
No Component	40%							D
Terminal Devices								
Direct Expansion	20%			2022	\$35,600	1		B
Air Handler/Cool/Ht	60%			2022	\$146,000	1	\$21,700	B
No Component	20%							D
Heat Rejection								
Air Condenser Unit	20%			2022	\$22,900	2	\$8,100	B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Roof</i>								
<i>Explanation : Abandoned Air Condenser Unit Needs To Be Removed</i>								
Water Cool Tower	60%	Now	\$4,900	2023	\$98,700	2	\$28,200	B
<i>Other Observation, Extent : Light, Area Affected : 20%</i>								
<i>Location : Component Located Between Sections 4 And 11</i>								
<i>Explanation : 2 Units Out Of 8 Are Inoperable</i>								
No Component	20%							D
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$32,600	B
Exhaust Fans								
Interior	85%			2022	\$67,300	2	\$1,500	B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Fan Room</i>								
<i>Explanation : Most Of Ventilation Occurs Through Air Handlers</i>								
Roof	15%			2022	\$8,500	2	\$300	B
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2027	* *	1		B

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

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
AMERICAN MUSEUM OF NATL HISTORY SECTION 11

Asset # : 2314

Mechanical	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Plumbing								
HW Heat Exchanger								
Low Temp	100%			2032	* *	4	\$8,700	B
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		B
Storm Drain Piping								
Cast Iron	100%	Now	\$5,000	LIFE	* *	1		B
		<i>Other Observation, Extent : Severe, Area Affected : 15%</i>						
		<i>Location : Basement</i>						
		<i>Explanation : Sewage Clogs Cause Flooding During Storms</i>						
Fixtures								
Generic	100%							B
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Roof</i>						
		<i>Explanation : Abandoned Domestic Water Roof Tank Needs To Be Removed</i>						
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			C
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : B-5, Education</i>						
		<i>Explanation : 1 Unit, #7</i>						
Fire Suppression								
Standpipe								
Generic	100%			2032	* *	1-5	\$29,500	B
Sprinkler								
No Component	95%							D
Generic	5%			2032	* *	1-2	\$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.*

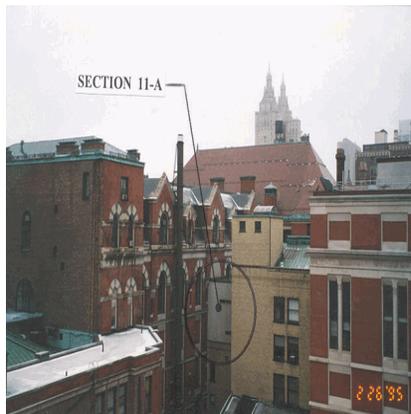
Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : AMERICAN MUSEUM OF NATL HISTORY SECTION 11A
 Address : W. 77TH ST. & CPW
 Borough : MANHATTAN Agency's Number : N/A
 Program / Asset # : DCA0002.11A / 2330 Yr Built/Renovated : 1982 / 1990
 Area Sq Ft : 4,211 Project Type : CULTURAL AFFAIRS
 Date of Survey : 03-Jun-2011 Landmark Status : HISTORICAL LANDMARK DISTRICT
 Areas Surveyed : Basement, Roof, Floors 1,2,3
 Block : 1130 Lot : 1 BIN : 1083846

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Exterior Architecture		\$39,700
Total		\$39,700
Priority A		\$39,700
Total		\$39,700

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$24,400			
Interior Architecture	\$4,400			\$1,400
Mechanical	\$1,900	\$400	\$20,200	\$400
Total	\$30,700	\$400	\$20,200	\$1,800
Priority A	\$24,400			
Priority B	\$5,000	\$400	\$20,200	\$400
Priority C	\$1,400			\$1,400
Total	\$30,700	\$400	\$20,200	\$1,800



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

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
AMERICAN MUSEUM OF NATL HISTORY SECTION 11A

Asset # : 2330

Architecture	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	85%			LIFE	**	5	\$6,300	A
	<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>							
	<i>Location : Various</i>							
	<i>Staining/Discoloring, Extent : Moderate, Area Affected : 10%</i>							
	<i>Location : Throughout</i>							
Metal Panel	15%	2-4	\$500	2042	**	5	\$2,100	A
	<i>Deteriorated Finish, Extent : Moderate, Area Affected : 20%</i>							
	<i>Location : Throughout</i>							
Windows								
Aluminum	10%			2030	**	5	\$100	A
Wood	90%	Now	\$19,400	2047	**	5	\$2,900	A
	<i>Deteriorated Finish, Extent : Moderate, Area Affected : 50%</i>							
	<i>Location : Throughout</i>							
	<i>Thermally Inefficient, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
	<i>Split/Cracked, Extent : Moderate, Area Affected : 50%</i>							
	<i>Location : Throughout</i>							
Parapets								
Concrete Masonry Unit	25%	Now	\$600	LIFE	**	5	\$200	A
	<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%</i>							
	<i>Location : South Side</i>							
Masonry: Brick	65%	Now	\$3,700	LIFE	**	5	\$500	A
	<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%</i>							
	<i>Location : Throughout</i>							
	<i>Miss/Damaged Flashings, Extent : Moderate, Area Affected : 30%</i>							
	<i>Location : Throughout</i>							
	<i>Staining/Discoloring, Extent : Moderate, Area Affected : 30%</i>							
	<i>Location : Throughout</i>							
Pre-Cast Concrete	10%	Now	\$200	LIFE	**	5	\$500	A
	<i>Caulking Deteriorated, Extent : Moderate, Area Affected : 30%</i>							
	<i>Location : Throughout</i>							
Roof								
Modified Bitumen	100%			2022		10	\$5,100	A
	<i>Blisters, Extent : Moderate, Area Affected : 5%</i>							
	<i>Location : Southern Side</i>							
	<i>Worn/Eroded, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
Interior								
Floors								
Carpet	40%			2021		3	\$4,100	C
Terrazzo	10%			LIFE	**	5	\$400	C
Vinyl Tile	50%			2027	**	3	\$1,300	C

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

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
AMERICAN MUSEUM OF NATL HISTORY SECTION 11A

Asset # : 2330

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

Interior

Interior Walls

Gypsum Board	25%			LIFE	**	5	\$1,100	C
Masonry: Brick	5%			LIFE	**			C
Plaster	65%			LIFE	**	5	\$1,400	C
Wood	5%			LIFE	**	5	\$1,500	C

Ceilings

AcousTileSusp.Lay-In	15%			2035	**	5	\$800	B
Gypsum Board	30%			LIFE	**	5	\$1,900	B
Plaster	55%	Now	\$2,600	LIFE	**	5	\$1,800	B

Loose/Delam Surface, Extent : Moderate, Area Affected : 5%

Location : Various

Patching Evident, Extent : Moderate, Area Affected : 10%

Location : Throughout

Water Penetration, Extent : Moderate, Area Affected : 5%

Location : Various

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

Heating

Energy Source

Utility Steam	100%			2032	**	1		B
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Distribution

Steam Piping/Pump	100%	Now	\$1,500	2032	**	4	\$200	B
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Steam Traps Faulty, Extent : Severe, Area Affected : 30%

Location : Throughout

Terminal Devices

Air Handler	100%			2022		1	\$2,100	B
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Air Conditioning

Energy Source

Electricity	100%			2038	**	1		B
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Conversion Equipment

Ext Pkg Unit - Cooling	100%			2017		2	\$200	B
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R-22 Refrigerant, Extent : Light, Area Affected : 100%

Location : Roof

Terminal Devices

Air Handler/Cool/Ht	100%			2022		1	\$2,100	B
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Ventilation

Distribution

Ductwork/Diffusers	100%			LIFE	**	2-5	\$1,900	B
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Exhaust Fans

Interior	100%			2022		2	\$100	B
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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.*

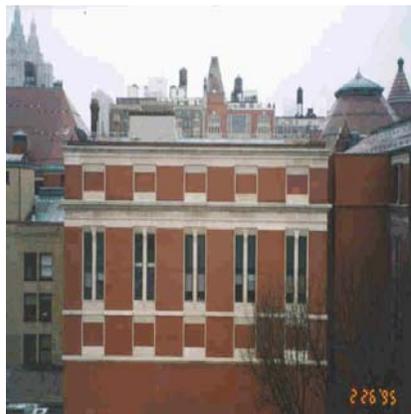
Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : AMERICAN MUSEUM OF NATL HISTORY SECTION 11B
Address : W. 77TH ST. & CPW
Borough : MANHATTAN **Agency's Number** : N/A
Program / Asset # : DCA0002.11B / 4247 **Yr Built/Renovated** : 1995 /
Area Sq Ft : 38,764 **Project Type** : CULTURAL AFFAIRS
Date of Survey : 08-Jun-2011 **Landmark Status** : HISTORICAL LANDMARK DISTRICT
Areas Surveyed : Basement, Roof, Floors 1,2A,3,4,5,6,7
Block : 1130 **Lot** : 1 **BIN** : 1083846

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Interior Architecture		\$74,800
Mechanical		\$100,500
Total		\$175,300
Priority B		\$100,500
Priority C		\$74,800
Total		\$175,300

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Interior Architecture	\$21,500	\$700	\$3,600	\$32,600
Mechanical	\$35,900	\$9,000	\$29,200	\$10,100
Total	\$57,500	\$9,700	\$32,700	\$42,600
Priority B	\$39,500	\$9,000	\$29,200	\$10,100
Priority C	\$17,900	\$700	\$3,600	\$32,600
Total	\$57,500	\$9,700	\$32,700	\$42,600



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

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
AMERICAN MUSEUM OF NATL HISTORY SECTION 11B

Asset # : 4247

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	90%			LIFE	**	5		A
<i>Horizontal Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : North Facade</i>								
Pre-Cast Concrete	10%			LIFE	**	5		A
Windows								
Aluminum	100%			2038	**	5		A
Parapets								
Copper/Terne	25%			2057	**	5		A
Metal Rail	50%			2035	**	5-10		A
<i>Corrosion/Rusting, Extent : Light, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
Pre-Cast Concrete	25%			LIFE	**	5		A
Roof								
IRMA/Protected Membrane	100%			2022		10		A
Interior								
Floors								
Carpet	15%			2023	\$45,300	3	\$10,700	C
<i>Recent Installation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Library</i>								
Carpet	10%	Now	\$3,000	2018	\$30,200	3	\$7,100	C
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : First Floor</i>								
<i>Worn/Eroded, Extent : Light, Area Affected : 100%</i>								
<i>Location : First Floor</i>								
Cast in Place Concrete	72%			LIFE	**	5	\$74,800	C
Ceramic Tile	3%			2031	**	5	\$1,400	C
Interior Walls								
Gypsum Board	90%	Now	\$14,900	LIFE	**	5	\$22,800	C
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : North Side Of Stacks On Floor 2a</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : North Side Of Stacks On Floor 2a</i>								
Masonry: Brick	10%			LIFE	**			C
Ceilings								
AcousTileSusp.Lay-In	15%			2035	**	5	\$7,100	B
Exposed Struc: Steel	82%			LIFE	**			B
Gypsum Board	3%			LIFE	**	5	\$1,800	B

Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Utility Steam	100%			2042	**	1		B

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

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
AMERICAN MUSEUM OF NATL HISTORY SECTION 11B

Asset # : 4247

Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Conversion Equipment								
Pres. Reducing Valve/LP Steam	100%			2031	**	5	\$1,900	B
Distribution								
Steam Piping/Pump	100%			2042	**	4	\$1,600	B
Terminal Devices								
Air Handler	100%			2027	**	1	\$19,600	B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Fan Room</i>								
<i>Explanation : Covered Under A C System.</i>								
Air Conditioning								
Energy Source								
Electricity	100%			2038	**	1		B
Conversion Equipment								
Centrifugal, Elec Chiller	90%			2025	**	1	\$30,900	B
<i>R-134a Refrigerant, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement Of Section 17</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : All Dx Units Are Converted To Chilled Water System.</i>								
Window/Wall Unit	10%			2017		1	\$8,000	B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : 3rd Floor</i>								
<i>Explanation : Offices Space</i>								
Distribution								
Chilled Wtr Pipe/Pump	90%			2042	**	4	\$1,400	B
No Component	10%							D
Terminal Devices								
Air Handler/Cool/Ht	90%			2027	**	1	\$17,700	B
No Component	10%							D
Heat Rejection								
Water Cool Tower	90%	Now	\$5,000	2020	\$100,500	2	\$23,000	B
<i>Other Observation, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Component Located Between Sections 4 And 11</i>								
<i>Explanation : 2 Units Out Of 8 Are Inoperable</i>								
No Component	10%							D
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$17,700	B
Exhaust Fans								
Interior	50%			2027	**	2	\$500	B
Roof	50%			2027	**	2	\$500	B
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2035	**	1		B
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		B

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

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

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

**DEPARTMENT OF CULTURAL AFFAIRS - 126
AMERICAN MUSEUM OF NATL HISTORY SECTION 11B**

Asset # : 4247

Mechanical	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Plumbing								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		B
Fixtures								
Generic	100%							B
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			C
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : B-7, Library</i>						
		<i>Explanation : 1 Unit, #11b</i>						
Fire Suppression								
Standpipe								
Generic	100%			2042	* *	1-5	\$16,600	B
Sprinkler								
Generic	100%	Now	\$22,700	2042	* *	1-2	\$7,700	B
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Failed Test</i>						

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

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

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

Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : AMERICAN MUSEUM OF NATL HISTORY SECTION 12
Address : W. 77TH ST. & CPW
Borough : MANHATTAN **Agency's Number** : N/A
Program / Asset # : DCA0002.012 / 2315 **Yr Built/Renovated** : 1935 / 1995
Area Sq Ft : 151,891 **Project Type** : CULTURAL AFFAIRS
Date of Survey : 02-Jun-2011 **Landmark Status** : EXTERIOR, HISTORICAL DISTRICT
Areas Surveyed : Basement, Roof, Floors SB,1,2,3,4,4M,5,6
Block : 1130 **Lot** : 1 **BIN** : 1083846

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$188,400	\$1,455,100
Interior Architecture	\$320,500	\$178,100
Mechanical	\$214,700	\$1,698,700
Total	\$723,500	\$3,331,800
Priority A	\$188,400	\$1,455,100
Priority B	\$300,600	\$1,756,800
Priority C	\$234,600	\$119,900
Total	\$723,500	\$3,331,800

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$19,600			
Interior Architecture	\$82,200	\$2,800		\$15,100
Mechanical	\$80,700	\$27,900	\$109,500	\$32,200
Elevators/Escalators	\$10,900	\$10,900	\$10,900	\$10,900
Total	\$193,400	\$41,600	\$120,300	\$58,200
Priority A	\$19,600			
Priority B	\$112,500	\$38,800	\$120,300	\$43,100
Priority C	\$61,300	\$2,800		\$15,100
Total	\$193,400	\$41,600	\$120,300	\$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.*

DEPARTMENT OF CULTURAL AFFAIRS - 126
AMERICAN MUSEUM OF NATL HISTORY SECTION 12

Asset # : 2315

Architecture	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	15%			LIFE	**	5	\$41,400	A
Masonry: Granite	85%			LIFE	**	5	\$175,900	A
<i>Recent Repair Evident, Extent : Light, Area Affected : 60%</i>								
<i>Location : Central Park West Facade</i>								
Windows								
Bronze/Brass	25%			2030	**	5	\$33,100	A
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Central Park West Side</i>								
<i>Explanation : Painted Surface</i>								
Steel	75%			2021	\$1,138,500	5	\$198,500	A
Parapets								
Granite Panels	100%			LIFE	**	5	\$2,600	A
Roof								
Built-Up (BUR)	20%	Now	\$46,000	2032	**			A
<i>Gut/DS Non Func/Miss, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Flat Roof At West Side</i>								
<i>Vegetation Growth, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Flat Roof At West Side</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 30%</i>								
<i>Location : Various</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Lobby Murals</i>								
<i>Explanation : Water Damage</i>								
Copper/Terne	70%	Now	\$43,100	2037	**			A
<i>Gut/DS Non Func/Miss, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Modified Bitumen	10%	Now	\$3,100	2022	\$30,800			A
<i>Seams Open/Split, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Interior								
Floors								
Carpet	10%			2021	\$118,300	3	\$37,200	C
Cast in Place Concrete	10%	Now	\$30,500	LIFE	**	5	\$40,700	C
<i>Other Observation, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Basement</i>								
<i>Explanation : Ground Water Penetration And Flooding</i>								
Ceramic Tile	3%			2031	**	5	\$5,600	C
Marble Panels	12%			LIFE	**	5	\$16,700	C
Quarry Tile	5%			2035	**	5	\$14,000	C
Terrazzo	30%			LIFE	**	5	\$43,600	C
Vinyl Tile	25%			2027	**	3	\$23,200	C
Wood	5%			2050	**	5	\$17,400	C

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

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
AMERICAN MUSEUM OF NATL HISTORY SECTION 12

Asset # : 2315

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

Interior

Interior Walls

Cast in Place Concrete	5%			LIFE	**			C
Gypsum Board	10%			LIFE	**	5	\$14,300	C
Panel/Paver: Limestone	25%			LIFE	**			C
Marble Panels	10%			LIFE	**			C
Plaster	50%	Now	\$234,600	LIFE	**	5	\$35,700	C

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

Location : Offices And 2nd Floor Corridor

Water Penetration, Extent : Severe, Area Affected : 10%

Location : Various Offices And 2nd Floor Corridor

Ceilings

AcousTileConcealSpLn	10%			2035	**	5	\$23,300	B
AcousTileSusp.Lay-In	10%			2035	**	5	\$18,600	B
Exposed Concrete	10%			LIFE	**	5	\$2,900	B
Masonry: Limestone	20%			LIFE	**	1		B
Plaster	50%	Now	\$86,000	LIFE	**	5	\$58,100	B

Cracking/Crumbling, Extent : Moderate, Area Affected : 5%

Location : Various Offices

Water Penetration, Extent : Moderate, Area Affected : 5%

Location : Various Offices

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

Heating

Energy Source

Utility Steam	100%			2032	**	1		B
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Conversion Equipment

Heat Exchanger	15%			2025	**	1	\$9,200	B
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Other Observation, Extent : Light, Area Affected : 100%

Location : Sub Basement

Explanation : One Unit

Pres. Reducing Valve/LP Steam	85%			2025	**	5	\$6,300	B
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Distribution

Hot Wtr Piping/Pump	15%			2030	**	4	\$900	B
Steam Piping/Pump	85%	0-2	\$45,200	2032	**	4	\$5,200	B

Other Observation, Extent : Moderate, Area Affected : 85%

Location : Sub Basement And Basement

Explanation : Steam Traps Faulty And Condensate Return Lines Corroded

Terminal Devices

Air Handler	40%			2022			\$30,800	B
Convactor/Radiator	60%			2027	**	1	\$24,100	B

Air Conditioning

Energy Source

District C.W.	100%			2032	**	1		B
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Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
AMERICAN MUSEUM OF NATL HISTORY SECTION 12

Asset # : 2315

Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Air Conditioning								
Conversion Equipment								
Centrifugal, Elec Chiller	75%			2031	**	1	\$101,000	B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement Of Section 17</i>								
<i>Explanation : Component Located In Basement Of Section 17 - Refrigerant 134a</i>								
Ext Pkg Unit - Cooling	15%	0-2	\$105,600	2032	**	2	\$900	B
<i>R-22 Refrigerant, Extent : Light, Area Affected : 20%</i>								
<i>Location : Roof Top Unit</i>								
<i>Other Observation, Extent : Light, Area Affected : 20%</i>								
<i>Location : Roof</i>								
<i>Explanation : 2 Units Obsolete</i>								
No Component	10%							D
Distribution								
Chilled Wtr Pipe/Pump	75%			2032	**	4	\$6,900	B
No Component	25%							D
Terminal Devices								
Direct Expansion	15%	0-2	\$63,900	2032	**	1		B
<i>On Extended Life, Extent : Light, Area Affected : 15%</i>								
<i>Location : Fan Room</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : All Dx Systems Are Being Converted To Chilled Water System</i>								
Air Handler/Cool/Ht	75%			2022	\$437,100	1	\$57,700	B
No Component	10%							D
Heat Rejection								
Air Condenser Unit	10%	0-2	\$27,400	2032	**	2	\$6,900	B
<i>Other Observation, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Roof</i>								
<i>Explanation : Obsolete Equipment</i>								
Water Cool Tower	75%	Now	\$14,800	2023	\$295,400	2	\$75,000	B
<i>Other Observation, Extent : Moderate, Area Affected : 75%</i>								
<i>Location : Component Located Between Sections 4 And 11</i>								
<i>Explanation : 2 Units Out Of 8 Are Inoperable</i>								
No Component	15%							D
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$69,300	B
Exhaust Fans								
Interior	80%			2022	\$134,800	2	\$3,100	B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Most Of Ventilation Occurs Through Air Handlers</i>								
Roof	20%			2022	\$24,200	2	\$800	B
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2020	\$455,300	1		B

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

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
AMERICAN MUSEUM OF NATL HISTORY SECTION 12

Asset # : 2315

Mechanical	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Plumbing								
Water Heater								
Electric	100%			2017	\$23,700	4	\$700	B
HW Heat Exchanger								
Low Temp	100%			2022	\$47,300	4	\$12,300	B
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		B
Storm Drain Piping								
Cast Iron	100%	0-2	\$10,600	LIFE	* *	1		B
		<i>Other Observation, Extent : Severe, Area Affected : 20%</i>						
		<i>Location : Sub Basement, Basement And Main Floor</i>						
		<i>Explanation : Sewage Clogs Cause Flooding During Storms</i>						
Sump Pump(s)								
Rigid Piping	100%			2017	\$11,100	4	\$1,300	B
Fixtures								
Generic	100%							B
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Roof</i>						
		<i>Explanation : Abandoned Domestic Water Roof Tank Needs To Be Removed</i>						
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			C
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : B-6, Roosevelt Hall</i>						
		<i>Explanation : 4 Units, #1, 2, 3, 4</i>						
Fire Suppression								
Standpipe								
Generic	100%			2032	* *	1-5	\$62,800	B
Sprinkler								
No Component	95%							D
Generic	5%			2032	* *	1-2	\$1,700	B

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Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : AMERICAN MUSEUM OF NATL HISTORY SECTION 13 & 13A
 Address : W. 77TH ST. & CPW
 Borough : MANHATTAN Agency's Number : N/A
 Program / Asset # : DCA0002.013 / 2316 Yr Built/Renovated : 1932 / 1995
 Area Sq Ft : 81,358 Project Type : CULTURAL AFFAIRS
 Date of Survey : 06-Jun-2011 Landmark Status : HISTORICAL LANDMARK DISTRICT
 Areas Surveyed : Basement, Roof, Floors 1,2,3,4,5,6
 Block : 1130 Lot : 1 BIN : 1083846

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$2,182,700	\$235,900
Interior Architecture		\$115,900
Mechanical	\$171,000	\$945,300
Total	\$2,353,800	\$1,297,100
Priority A	\$2,182,700	\$235,900
Priority B	\$171,000	\$982,700
Priority C		\$78,500
Total	\$2,353,800	\$1,297,100

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$2,300		\$19,600	
Interior Architecture	\$21,200		\$6,500	\$8,700
Mechanical	\$72,700	\$16,000	\$58,000	\$14,500
Elevators/Escalators	\$8,900	\$8,900	\$8,900	\$8,900
Total	\$105,000	\$24,900	\$93,100	\$32,100
Priority A	\$2,300		\$19,600	
Priority B	\$94,100	\$24,900	\$66,900	\$23,400
Priority C	\$8,700		\$6,500	\$8,700
Total	\$105,000	\$24,900	\$93,100	\$32,100



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

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DEPARTMENT OF CULTURAL AFFAIRS - 126
AMERICAN MUSEUM OF NATL HISTORY SECTION 13 & 13A

Asset # : 2316

Architecture	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls Copper/Terne	7%	Now	\$828,600	2057	**			A
	<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 80%</i> <i>Location : Throughout Bulkhead</i>							
	<i>Deteriorated Finish, Extent : Moderate, Area Affected : 40%</i> <i>Location : Throughout Bulkhead</i>							
	<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 80%</i> <i>Location : Throughout Bulkhead</i>							
Masonry: Brick	85%	Now	\$511,700	LIFE	**	5	\$141,600	A
	<i>Cracking/Crumbling, Extent : Severe, Area Affected : 10%</i> <i>Location : Various</i>							
	<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%</i> <i>Location : Throughout</i>							
	<i>Worn/Eroded, Extent : Moderate, Area Affected : 5%</i> <i>Location : Throughout</i>							
Stucco Cement	8%	Now	\$451,500	2042	**	5	\$16,700	A
	<i>Diagonal Cracks, Extent : Severe, Area Affected : 20%</i> <i>Location : Penthouse</i>							
	<i>Water Penetration, Extent : Severe, Area Affected : 100%</i> <i>Location : Penthouse</i>							
Windows								
Steel	100%	Now	\$189,900	2030	**	5	\$94,400	A
	<i>Air Infiltration, Extent : Moderate, Area Affected : 50%</i> <i>Location : Throughout</i>							
	<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 20%</i> <i>Location : Penthouse</i>							
	<i>Corrosion/Rusting, Extent : Severe, Area Affected : 50%</i> <i>Location : Throughout</i>							
Parapets								
Masonry: Brick	90%	Now	\$68,500	LIFE	**	5	\$4,800	A
	<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 60%</i> <i>Location : East And West Stair Tower</i>							
	<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%</i> <i>Location : Interior Face Of Penthouses</i>							
	<i>Loose/Delam Surface, Extent : Moderate, Area Affected : 15%</i> <i>Location : Stucco Throughout Inside Face</i>							
	<i>Vegetation Growth, Extent : Moderate, Area Affected : 25%</i> <i>Location : Interior Face Of Penthouses</i>							
	<i>Water Penetration, Extent : Moderate, Area Affected : 5%</i> <i>Location : Penthouses</i>							
Masonry: Granite	10%	Now	\$2,300	LIFE	**	5	\$700	A
	<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%</i> <i>Location : Throughout</i>							

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DEPARTMENT OF CULTURAL AFFAIRS - 126
AMERICAN MUSEUM OF NATL HISTORY SECTION 13 & 13A

Asset # : 2316

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Roof								
Built-Up (BUR)	80%	Now	\$132,500	2032	**			A
<i>Vegetation Growth, Extent : Severe, Area Affected : 15%</i>								
<i>Location : Various</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Various</i>								
<i>Worn/Eroded, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Copper/Terne	10%			2037	**	10	\$7,100	A
<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Low Roof</i>								
Modified Bitumen	5%			2017	\$11,100	10	\$1,400	A
Skylight, Plastic	5%			2035	**	1		A
Interior								
Floors								
Carpet	15%			2021	\$95,000	3	\$29,900	C
Cast in Place Concrete	10%			LIFE	**	5	\$21,800	C
Cork Tile	15%			2032	**	5	\$13,100	C
Terrazzo	50%			LIFE	**	5	\$38,900	C
Vinyl Tile	10%			2027	**	3	\$5,000	C
Interior Walls								
Gypsum Board	10%			LIFE	**	5	\$14,400	C
Masonry: Brick	10%			LIFE	**			C
<i>Water Penetration, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Behind Exhibits</i>								
Marble Panels	25%			LIFE	**			C
Plaster	5%			LIFE	**	5	\$3,600	C
Plaster	50%			LIFE	**	5	\$36,000	C
Ceilings								
AcousTile,Adhered	10%			2035	**	5	\$10,000	B
AcousTileSusp.Lay-In	15%			2035	**	5	\$14,900	B
Gypsum Board	10%			LIFE	**	5	\$12,500	B
Masonry: Marble	5%			LIFE	**	1		B
Plaster	10%			LIFE	**	5	\$6,200	B
Plaster	50%			LIFE	**	5	\$31,100	B

Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Utility Steam	100%			2032	**	1		B

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Estimates are rounded to the nearest hundred dollars.

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DEPARTMENT OF CULTURAL AFFAIRS - 126
AMERICAN MUSEUM OF NATL HISTORY SECTION 13 & 13A

Asset # : 2316

Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Conversion Equipment								
Pres. Reducing Valve/LP Steam	100%	Now	\$2,500	2025	**	5	\$2,000	B
<i>Corroded, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Basement</i>								
Distribution								
Steam Piping/Pump	100%	Now	\$57,000	2032	**	4	\$3,300	B
<i>Other Observation, Extent : Moderate, Area Affected : 80%</i>								
<i>Location : Sub Basement And Basement</i>								
<i>Explanation : Steam Traps Faulty And Condensate Return Lines Corroded</i>								
Terminal Devices								
Air Handler	20%			2022	\$88,100	1	\$8,200	B
Convactor/Radiator	80%			2027	**	1	\$17,200	B
Air Conditioning								
Energy Source								
District C.W.	100%			2032	**	1		B
Conversion Equipment								
Centrifugal, Elec Chiller	90%			2031	**	1	\$64,900	B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement Of Section 17</i>								
<i>Explanation : Component Located In Basement Of Section 17 - Refrigerant 134a</i>								
Window/Wall Unit	10%			2017	\$16,800	1		B
Distribution								
Chilled Wtr Pipe/Pump	90%			2032	**	4	\$4,400	B
No Component	10%							D
Terminal Devices								
Air Handler/Cool/Ht	90%			2022	\$312,100	1	\$37,100	B
No Component	10%							D
Heat Rejection								
Water Cool Tower	90%	Now	\$10,500	2020	\$210,900	2	\$48,200	B
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : Component Located Between Sections 4 And 11</i>								
<i>Explanation : 2 Units Out Of 8 Are Inoperable</i>								
No Component	10%							D
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$37,100	B
Exhaust Fans								
Interior	100%			2022	\$90,300	2	\$2,100	B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Most Of Ventilation Occurs Through Air Handlers</i>								
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2020	\$243,900	1		B
Water Heater								
Electric	100%			2015	\$12,700	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.

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DEPARTMENT OF CULTURAL AFFAIRS - 126
AMERICAN MUSEUM OF NATL HISTORY SECTION 13 & 13A

Asset # : 2316

Mechanical System Component Type	Current Repair			Future Replacement		Maintenance		Priority Code
	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Plumbing								
HW Heat Exchanger Low Temp	100%	0-2	\$25,300	2052	* *	4	\$6,600	B
<i>Obsolete Equipment, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Basement</i>								
Sanitary Piping Cast Iron	100%			LIFE	* *	1		B
Storm Drain Piping Cast Iron	100%	2-4	\$114,000	LIFE	* *	1		B
<i>Blockage /Clogged, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Basement</i>								
<i>On Extended Life, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Sump Pump(s) Submersible	100%			2015	\$6,700	4	\$2,000	B
Fixtures								
Generic	100%							B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Roof</i>								
<i>Explanation : Abandoned Domestic Water Roof Tank Needs To Be Removed</i>								
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			C
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : B-6, Imax</i>								
<i>Explanation : 1 Unit, #13 Operated Manually - Needs Upgrade</i>								
Fire Suppression								
Standpipe								
Generic	100%			2032	* *	1-5	\$33,600	B
Sprinkler								
No Component	95%							D
Generic	5%			2032	* *	1-2	\$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.

Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : AMERICAN MUSEUM OF NATL HISTORY SECTION 15 & 15A
Address : W. 77TH ST. & CPW
Borough : MANHATTAN **Agency's Number** : N/A
Program / Asset # : DCA0002.015 / 2317 **Yr Built/Renovated** : 1903 / 1966
Area Sq Ft : 39,203 **Project Type** : CULTURAL AFFAIRS
Date of Survey : 07-Jun-2011 **Landmark Status** : HISTORICAL LANDMARK DISTRICT
Areas Surveyed : Basement, Roof, Floors 1,1M,2,3,4
Block : 1130 **Lot** : 1 **BIN** : 1083846

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$745,400	
Interior Architecture	\$42,200	
Mechanical	\$214,300	\$2,287,400
Total	\$1,001,900	\$2,287,400
Priority A	\$745,400	
Priority B	\$214,300	\$2,287,400
Priority C	\$42,200	
Total	\$1,001,900	\$2,287,400

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$9,300		\$2,800	\$200
Interior Architecture	\$42,900	\$700	\$16,500	\$18,300
Mechanical	\$37,100	\$18,900	\$38,100	\$25,600
Elevators/Escalators	\$4,900	\$4,900	\$4,900	\$4,900
Total	\$94,300	\$24,600	\$62,300	\$49,000
Priority A	\$9,300		\$2,800	\$200
Priority B	\$69,600	\$23,900	\$43,000	\$30,500
Priority C	\$15,300	\$700	\$16,500	\$18,300
Total	\$94,300	\$24,600	\$62,300	\$49,000



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

DEPARTMENT OF CULTURAL AFFAIRS - 126
AMERICAN MUSEUM OF NATL HISTORY SECTION 15 & 15A

Asset # : 2317

Architecture	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Copper/Terne	5%	Now	\$93,500	2042	**			A
	<i>Deformed/Dented, Extent : Severe, Area Affected : 20%</i>							
	<i>Location : Gutters And Dormers</i>							
	<i>Water Penetration, Extent : Severe, Area Affected : 20%</i>							
	<i>Location : Gutters And Dormers</i>							
Masonry: Brick	30%	Now	\$86,700	LIFE	**	5	\$15,800	A
	<i>Cracking/Crumbling, Extent : Severe, Area Affected : 15%</i>							
	<i>Location : Section 15 South Facade Above 15 A</i>							
	<i>Efflorescence, Extent : Moderate, Area Affected : 10%</i>							
	<i>Location : North Facade Of Section 15</i>							
	<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%</i>							
	<i>Location : Throughout</i>							
	<i>Water Penetration, Extent : Severe, Area Affected : 10%</i>							
	<i>Location : Section 15 Facades Above 15 A</i>							
Masonry: Granite	20%	Now	\$77,900	LIFE	**	5	\$7,900	A
	<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%</i>							
	<i>Location : North Facade</i>							
	<i>Staining/Discoloring, Extent : Severe, Area Affected : 10%</i>							
	<i>Location : North Facade Of Section 15</i>							
Stucco Cement	45%	Now	\$40,100	2035	**	5	\$29,600	A
	<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 5%</i>							
	<i>Location : Throughout</i>							
	<i>Staining/Discoloring, Extent : Moderate, Area Affected : 10%</i>							
	<i>Location : East Facade Of Section 1 A</i>							
	<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>							
	<i>Location : Second Floor</i>							
Windows								
Aluminum	10%			2038	**	5	\$400	A
Wood	90%	Now	\$177,400	2047	**	5	\$19,600	A
	<i>Air Infiltration, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
	<i>Deteriorated Finish, Extent : Severe, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
	<i>Dry Rot/Decay, Extent : Severe, Area Affected : 50%</i>							
	<i>Location : Throughout</i>							
	<i>Split/Cracked, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
	<i>Water Penetration, Extent : Severe, Area Affected : 30%</i>							
	<i>Location : Throughout</i>							
Parapets								
Copper/Terne	10%			2042	**	5	\$1,700	A
	<i>Water Penetration, Extent : Severe, Area Affected : 20%</i>							
	<i>Location : Throughout</i>							
Metal Rail	25%			2035	**	5-10	\$15,400	A
No Component	65%							D

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DEPARTMENT OF CULTURAL AFFAIRS - 126
AMERICAN MUSEUM OF NATL HISTORY SECTION 15 & 15A

Asset # : 2317

Architecture	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Roof								
Built-Up (BUR)	30%			2022	\$28,000	10	\$4,800	A
<i>Debris on Roof, Extent : Light, Area Affected : 10%</i>								
<i>Location : Section 15 A</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Section 15 A</i>								
Copper/Terne	5%			2037	**	10	\$2,000	A
<i>Corrosion/Rusting, Extent : Light, Area Affected : 100%</i>								
<i>Location : Northwest Corner Of Section 15</i>								
Slate	65%	Now	\$269,800	LIFE	**			A
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 15%</i>								
<i>Location : Section 15</i>								
<i>Gut/DS Non Func/Miss, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Section 15</i>								
<i>Loose/Miss Fasteners, Extent : Severe, Area Affected : 30%</i>								
<i>Location : Section 15</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Offices, Stairwell, Library And Collection Storage Areas</i>								
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Section 15</i>								
<i>Explanation : On Extended Life - Much Older Than Rated Life Of Material.</i>								
Interior								
Floors								
Carpet	5%			2018	\$15,300	3	\$4,800	C
Cast in Place Concrete	7%			LIFE	**	5	\$7,400	C
Ceramic Tile	3%			2031	**	5	\$1,400	C
Traffic Topping	55%			2027	**	5	\$33,000	C
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Fluid Applied Epoxy Floors</i>								
Vinyl Tile	30%			2027	**	3	\$7,200	C
<i>Water Penetration, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : First And Second Floor</i>								
Interior Walls								
Concrete Masonry Unit	25%	Now	\$42,200	LIFE	**	5	\$8,300	C
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Stairwell</i>								
Gypsum Board	40%			LIFE	**	5	\$19,900	C
Masonry: Brick	20%			LIFE	**			C
<i>Water Penetration, Extent : Light, Area Affected : 10%</i>								
<i>Location : Collections Storage Areas</i>								
Plaster	15%	Now	\$12,300	LIFE	**	5	\$3,700	C
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Western Portion Of Section 15, Stairs And Attic</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Western Portion Of Section 15, Stairs And Attic</i>								

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DEPARTMENT OF CULTURAL AFFAIRS - 126
AMERICAN MUSEUM OF NATL HISTORY SECTION 15 & 15A

Asset # : 2317

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
Ceilings								
AcousTileSusp.Lay-In	15%	Now	\$1,000	2035	**	5	\$3,600	B
<i>Staining/Discoloring, Extent : Severe, Area Affected : 5%</i>								
<i>Location : Areas Of Previous Water Intrusion - Various Offices</i>								
Exposed Struc: Steel	60%			LIFE	**			B
Gypsum Board	10%			LIFE	**	5	\$6,000	B
Plaster	15%	Now	\$26,600	LIFE	**	5	\$4,500	B
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Library, Offices, Attic, Stairs</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Library, Offices, Attic, Stairs</i>								

Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Utility Steam	100%			2032	**	1		B
Conversion Equipment								
Pres. Reducing Valve/LP Steam	100%			2018	\$81,700	5	\$6,400	B
Distribution								
Steam Piping/Pump	100%	0-2	\$91,900	2022	\$919,500	4	\$5,300	B
<i>Other Observation, Extent : Moderate, Area Affected : 70%</i>								
<i>Location : Basement</i>								
<i>Explanation : Steam Traps Faulty And Condensate Return Lines Corroded</i>								
Terminal Devices								
Convactor/Radiator	50%			2027	**	1	\$17,400	B
No Component	50%							D
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location : Fan Room</i>								
<i>Explanation : Covered Under A C System</i>								
Air Conditioning								
Energy Source								
District C.W.	70%			2032	**	1		B
Electricity	30%			2038	**	1		B
Conversion Equipment								
Centrifugal, Elec Chiller	70%			2031	**	1	\$81,400	B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement Of Section 17</i>								
<i>Explanation : Component Located In Basement Of Section 17 - Refrigerant 134a</i>								
Ext Pkg Unit - Cooling	15%			2022	\$91,200	2	\$1,000	B
<i>R-22 Refrigerant, Extent : Light, Area Affected : 100%</i>								
<i>Location : Roof</i>								
Window/Wall Unit	15%			2017	\$40,600	1		B

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DEPARTMENT OF CULTURAL AFFAIRS - 126
AMERICAN MUSEUM OF NATL HISTORY SECTION 15 & 15A

Asset # : 2317

Mechanical	Current Repair		Future Replacement		Maintenance		Priority Code	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)		Estimated Cost
Air Conditioning								
Distribution								
Chilled Wtr Pipe/Pump	70%			2032	* *	4	\$5,600	B
No Component	30%							D
Terminal Devices								
Direct Expansion	10%			2022	\$40,900	1		B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : All Dx Systems Are Being Converted To Chilled Water System</i>								
Air Handler/Cool/Ht	70%			2022	\$391,500	1	\$46,500	B
No Component	20%							D
Heat Rejection								
Air Condenser Unit	10%			2022	\$26,300	2	\$7,500	B
Water Cool Tower	70%	Now	\$13,200	2023	\$264,600	2	\$60,500	B
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : Component Located Between Sections 4 And 11</i>								
<i>Explanation : 2 Units Out Of 8 Are Inoperable</i>								
No Component	20%							D
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$59,900	B
Exhaust Fans								
Interior	100%			2022	\$145,600	2	\$3,300	B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Fan Room</i>								
<i>Explanation : Most Of Ventilation Occurs Through Air Handlers</i>								
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2020	\$393,300	1		B
HW Heat Exchanger								
Low Temp	100%			2022	\$40,900	4	\$10,600	B
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		B
Storm Drain Piping								
Cast Iron	100%	Now	\$9,200	LIFE	* *	1		B
<i>Blockage /Clogged, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Throughout Basement</i>								
<i>Cracked, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
Fixtures								
Generic	100%							B
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			C
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : 1-4, Ichthyology</i>								
<i>Explanation : 1 Unit, #15h</i>								
Fire Suppression								

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DEPARTMENT OF CULTURAL AFFAIRS - 126
AMERICAN MUSEUM OF NATL HISTORY SECTION 15 & 15A

Asset # : 2317

Mechanical	Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	
Fire Suppression							
Sprinkler							
No Component	95%						D
Generic	5%			2032	* *	1-2	\$1,500 B

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Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : AMERICAN MUSEUM OF NATL HISTORY SECTION 17
 Address : W. 77TH ST. & CPW
 Borough : MANHATTAN Agency's Number : N/A
 Program / Asset # : DCA0002.017 / 2318 Yr Built/Renovated : 1931 / 2000
 Area Sq Ft : 89,502 Project Type : CULTURAL AFFAIRS
 Date of Survey : 03-Jun-2011 Landmark Status : HISTORICAL LANDMARK DISTRICT
 Areas Surveyed : Basement, Roof, Floors 1,2,3,4,5
 Block : 1130 Lot : 1 BIN : 1083846

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$594,700	\$2,182,800
Interior Architecture	\$187,600	\$119,900
Mechanical	\$73,900	\$1,099,000
Total	\$856,200	\$3,401,600
Priority A	\$594,700	\$2,182,800
Priority B	\$189,400	\$1,099,000
Priority C	\$72,100	\$119,900
Total	\$856,200	\$3,401,600

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$23,300			
Interior Architecture	\$38,600		\$8,200	\$11,600
Mechanical	\$71,900	\$25,900	\$41,200	\$22,200
Elevators/Escalators	\$8,900	\$8,900	\$8,900	\$8,900
Total	\$142,800	\$34,800	\$58,300	\$42,700
Priority A	\$23,300			
Priority B	\$97,500	\$34,800	\$50,100	\$31,100
Priority C	\$21,900		\$8,200	\$11,600
Total	\$142,800	\$34,800	\$58,300	\$42,700



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DEPARTMENT OF CULTURAL AFFAIRS - 126
AMERICAN MUSEUM OF NATL HISTORY SECTION 17

Asset # : 2318

Architecture	Current Repair			Future Replacement		Maintenance		Priority Code
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	\$334,600	LIFE	**	5	\$185,100	A
	<i>Water Penetration, Extent : Severe, Area Affected : 20%</i>							
	<i>Location : Fifth Floor And Western Extension On First Floor</i>							
Windows								
Steel	100%			2021	\$1,764,000	5	\$350,600	A
Parapets								
Masonry: Brick	90%	Now	\$13,100	LIFE	**	5	\$3,700	A
	<i>Diagonal Cracks, Extent : Moderate, Area Affected : 5%</i>							
	<i>Location : Various</i>							
	<i>Efflorescence, Extent : Severe, Area Affected : 10%</i>							
	<i>Location : Various</i>							
	<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 30%</i>							
	<i>Location : Throughout</i>							
	<i>Vegetation Growth, Extent : Severe, Area Affected : 10%</i>							
	<i>Location : Throughout</i>							
Masonry: Granite	10%	Now	\$4,300	LIFE	**	5	\$500	A
	<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 30%</i>							
	<i>Location : Throughout</i>							
Roof								
Built-Up (BUR)	50%	Now	\$84,700	2032	**			A
	<i>Embed. Gravel Surface, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
	<i>Miss/Damaged Flashings, Extent : Moderate, Area Affected : 20%</i>							
	<i>Location : Throughout</i>							
	<i>Water Penetration, Extent : Severe, Area Affected : 25%</i>							
	<i>Location : Throughout</i>							
	<i>Worn/Eroded, Extent : Severe, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
Copper/Terne	33%	0-2	\$5,900	2050	**			A
	<i>Caulking Deteriorated, Extent : Moderate, Area Affected : 10%</i>							
	<i>Location : Various</i>							
	<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>							
	<i>Location : Various</i>							
Skylight, Plastic	2%			2027	**	1		A
Sloped Glazing	15%			LIFE	**	5	\$58,300	A

Interior

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DEPARTMENT OF CULTURAL AFFAIRS - 126
AMERICAN MUSEUM OF NATL HISTORY SECTION 17

Asset # : 2318

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
Floors								
Carpet	20%			2021	\$139,400	3	\$43,800	C
Cast in Place Concrete	50%			LIFE	**	5	\$119,900	C
<i>Other Observation, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Basement</i>								
<i>Explanation : Ground Water</i>								
Quarry Tile	10%			2027	**	5	\$16,400	C
Slate	5%			LIFE	**	5	\$5,800	C
<i>Worn/Eroded, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Stair Treads</i>								
Vinyl Tile	5%			2027	**	3	\$2,700	C
Wood	10%			2050	**	5	\$20,600	C
Interior Walls								
Concrete Masonry Unit	5%			LIFE	**	5	\$2,400	C
Gypsum Board	35%			LIFE	**	5	\$25,600	C
Masonry: Brick	10%			LIFE	**			C
<i>Efflorescence, Extent : Severe, Area Affected : 30%</i>								
<i>Location : Fifth Floor Mechanical Spaces</i>								
Plaster	15%	Now	\$72,100	LIFE	**	5	\$5,500	C
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Fourth And Fifth Floors; West Facade At First Floor</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 30%</i>								
<i>Location : Fourth & Fifth Floors; Western Extension Of First Floor</i>								
SGFT/Glazed Masonry	35%			LIFE	**			C
Ceilings								
AcousTileSusp.Lay-In	30%			2035	**	5	\$33,400	B
Exposed Concrete	50%	Now	\$115,600	LIFE	**	5	\$8,700	B
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 5%</i>								
<i>Location : Sloped Glazing Structure At West Side Of First Floor</i>								
<i>Loose/Delam Surface, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Fourth And Fifth Floors; West Side Of First Floor</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Fourth And Fifth Floors; West Side Of First Floor</i>								
Exposed Struc: Steel	10%			LIFE	**			B
Gypsum Board	10%			LIFE	**	5	\$13,900	B

Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Utility Steam	100%			2032	**	1		B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout Museum Complex</i>								
<i>Explanation : Supplied By Con Edison - Serves All Building Sections</i>								

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DEPARTMENT OF CULTURAL AFFAIRS - 126
AMERICAN MUSEUM OF NATL HISTORY SECTION 17

Asset # : 2318

Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating								
Conversion Equipment								
Pres. Reducing Valve/LP Steam	100%	Now	\$5,600	2025	**	5	\$2,200	B
			<i>Corroded, Extent : Moderate, Area Affected : 10%</i>					
			<i>Location : Basement</i>					
			<i>Other Observation, Extent : Light, Area Affected : 20%</i>					
			<i>Location : Basement</i>					
			<i>Explanation : Malfunctioning Intercoolers</i>					
Distribution								
Steam Piping/Pump	100%	0-2	\$31,400	2032	**	4	\$3,600	B
			<i>Other Observation, Extent : Moderate, Area Affected : 80%</i>					
			<i>Location : Basement</i>					
			<i>Explanation : Steam Traps Faulty And Condensate Return Lines Corroded</i>					
Terminal Devices								
Air Handler	60%			2022	\$290,600	1	\$27,200	B
Convactor/Radiator	40%			2020	\$339,400	1	\$9,500	B
Air Conditioning								
Energy Source								
District C.W.	60%			2032	**	1		B
Electricity	40%			2038	**	1		B
Conversion Equipment								
Centrifugal, Elec Chiller	60%			2031	**	1	\$47,600	B
			<i>R-134a Refrigerant, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Basement</i>					
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Basement</i>					
			<i>Explanation : 4 Units - Equipment Serves All Museum Building Sections</i>					
Window/Wall Unit	40%			2017	\$73,900	1		B
Distribution								
Chilled Wtr Pipe/Pump	60%	Now	\$5,300	2032	**	4	\$2,200	B
			<i>Insul. Deteriorating, Extent : Moderate, Area Affected : 10%</i>					
			<i>Location : Transfer Cooling Tower Piping And Chilled Water Piping. Rear Yards Between Buildings</i>					
No Component	40%							D
Terminal Devices								
Direct Expansion	10%			2022	\$27,900	1		B
Air Handler/Cool/Ht	60%			2022	\$228,900	1	\$27,200	B
No Component	30%							D
Heat Rejection								
Air Condenser Unit	10%			2022	\$17,900	2	\$5,100	B
Water Cool Tower	60%	Now	\$7,700	2023	\$154,700	2	\$35,400	B
			<i>Other Observation, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Component Located Between Sections 4 And 11</i>					
			<i>Explanation : 2 Units Out Of 8 Are Inoperable</i>					
No Component	30%							D
Ventilation								

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DEPARTMENT OF CULTURAL AFFAIRS - 126
AMERICAN MUSEUM OF NATL HISTORY SECTION 17

Asset # : 2318

Mechanical	Current Repair		Future Replacement		Maintenance		Priority Code	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)		Estimated Cost
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$40,800	B
Exhaust Fans								
Interior	50%			2022	\$49,700	2	\$1,100	B
Roof	50%			2022	\$35,700	2	\$1,100	B
Plumbing								
H/C Water Piping								
Brass/Copper	25%			2042	**	1		B
Galv Iron/Steel	75%			2027	**	1		B
HW Heat Exchanger								
Low Temp	100%			2042	**	4	\$7,300	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : 3 Units Provide Domestic Hot Water To Other Building Sections</i>								
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		B
Storm Drain Piping								
Cast Iron	100%	Now	\$6,300	LIFE	**	1		B
<i>Other Observation, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Basement</i>								
<i>Explanation : Frequent Sewage Clogs Cause Flooding During Storms</i>								
Sump Pump(s)								
Submersible	100%			2016	\$6,700	4	\$2,000	B
Backflow Preventer								
Generic	100%			2022	\$8,700	1	\$4,500	B
Fixtures								
Generic	100%							B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Roof</i>								
<i>Explanation : Abandoned Domestic Water Roof Tank Needs To Be Removed</i>								
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	**			C
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : B-5</i>								
<i>Explanation : 1 Freight Unit</i>								
Fire Suppression								
Standpipe								
Generic	100%			2032	**	1-5	\$37,000	B
Sprinkler								
Generic	100%			2042	**	1-2	\$20,600	B
Fire Pump								
Generic	100%			2025	**	1	\$13,700	B

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

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

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

Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : AMERICAN MUSEUM OF NATL HISTORY SECTION 19
 Address : W. 77TH ST. & CPW
 Borough : MANHATTAN Agency's Number : N/A
 Program / Asset # : DCA0002.019 / 2337 Yr Built/Renovated : 1933 /
 Area Sq Ft : 80,578 Project Type : CULTURAL AFFAIRS
 Date of Survey : 06-Jun-2011 Landmark Status : HISTORICAL LANDMARK DISTRICT
 Areas Surveyed : Basement, Roof, Floors 1,2,3,4,5,6
 Block : 1130 Lot : 1 BIN : 1083846

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$814,900	\$1,050,600
Mechanical		\$1,274,200
Total	\$814,900	\$2,324,800
Priority A	\$814,900	\$1,050,600
Priority B		\$1,274,200
Total	\$814,900	\$2,324,800

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$9,200		\$1,300	\$1,200
Interior Architecture	\$11,000	\$1,100	\$19,600	\$4,100
Mechanical	\$64,100	\$15,800	\$40,200	\$14,400
Elevators/Escalators	\$7,900	\$7,900	\$7,900	\$7,900
Total	\$92,200	\$24,800	\$69,000	\$27,600
Priority A	\$9,200		\$1,300	\$1,200
Priority B	\$79,300	\$23,700	\$54,200	\$22,300
Priority C	\$3,700	\$1,100	\$13,600	\$4,100
Total	\$92,200	\$24,800	\$69,000	\$27,600



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DEPARTMENT OF CULTURAL AFFAIRS - 126
AMERICAN MUSEUM OF NATL HISTORY SECTION 19

Asset # : 2337

Architecture	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Copper/Terne	2%			2042	**	10	\$5,000	A
Masonry: Brick	40%	Now	\$153,800	LIFE	**	5	\$42,600	A
	<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%</i>							
	<i>Location : West Facade</i>							
	<i>Staining/Discoloring, Extent : Moderate, Area Affected : 30%</i>							
	<i>Location : West Facade</i>							
Masonry: Granite	58%	Now	\$456,800	LIFE	**	5	\$46,300	A
	<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%</i>							
	<i>Location : East Facade</i>							
Windows								
Aluminum	15%			2038	**	5	\$2,500	A
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Collections Storage</i>							
	<i>Explanation : Interior Storm Windows.</i>							
Steel	85%	Now	\$87,500	2021	\$874,900	5	\$86,900	A
	<i>Air Infiltration, Extent : Severe, Area Affected : 20%</i>							
	<i>Location : Collections Storage And Various Offices</i>							
	<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 10%</i>							
	<i>Location : Various</i>							
	<i>Glazing Broken/Cracked, Extent : Moderate, Area Affected : 5%</i>							
	<i>Location : West Side Offices</i>							
	<i>Glazing Clouded, Extent : Moderate, Area Affected : 5%</i>							
	<i>Location : West Side Offices</i>							
Parapets								
Masonry: Brick	10%			LIFE	**	5		A
No Component	90%							D
Roof								
Built-Up (BUR)	5%			2027	**	10	\$1,300	A
Copper/Terne	30%	Now	\$9,200	2050	**			A
	<i>Gut/DS Non Func/Miss, Extent : Severe, Area Affected : 80%</i>							
	<i>Location : Throughout</i>							
Skylight, Metal/Glass	5%			2032	**	10	\$4,200	A
Slate	60%	Now	\$116,800	LIFE	**			A
	<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 20%</i>							
	<i>Location : Slate Roof</i>							
	<i>Gut/DS Non Func/Miss, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
	<i>Loose/Miss Fasteners, Extent : Moderate, Area Affected : 10%</i>							
	<i>Location : Throughout</i>							
	<i>Worn/Eroded, Extent : Moderate, Area Affected : 20%</i>							
	<i>Location : Throughout</i>							
Interior								

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
AMERICAN MUSEUM OF NATL HISTORY SECTION 19

Asset # : 2337

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
Floors								
Cast in Place Concrete	15%			LIFE	**	5	\$32,400	C
Cork Tile	10%			2032	**	5	\$8,600	C
Marble Panels	7%			LIFE	**	5	\$5,200	C
Slate	3%			LIFE	**	5	\$3,100	C
Terrazzo	20%			LIFE	**	5	\$15,400	C
Traffic Topping	15%			2027	**	5	\$18,500	C
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : New Collection Storage Areas</i>								
<i>Explanation : Epoxy Flooring</i>								
Vinyl Tile	30%			2027	**	3	\$14,800	C
Interior Walls								
Ceramic Tile	3%			2031	**	5	\$2,100	C
Fabric on Framing	2%			2023	\$28,200	5	\$700	C
Gypsum Board	53%			LIFE	**	5	\$22,700	C
Marble Panels	5%			LIFE	**			C
Plaster	15%			LIFE	**	5	\$3,200	C
SGFT/Glazed Masonry	20%			LIFE	**			C
Wood	2%			LIFE	**	5	\$5,700	C
Ceilings								
AcousTileConcealSpLn	10%			2027	**	5	\$12,100	B
AcousTileSusp.Lay-In	15%			2035	**	5	\$14,500	B
Exposed Concrete	50%			LIFE	**	5	\$7,600	B
Plaster	10%			LIFE	**	5	\$6,100	B
Plaster	15%			LIFE	**	5	\$9,100	B
Mechanical								
System Component Type		Current Repair		Future Replacement		Maintenance		Priority Code
% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost		
Heating								
Energy Source								
Utility Steam	100%			2032	**	1		B
Distribution								
Steam Piping/Pump	100%	0-2	\$28,200	2022	\$564,700	4	\$3,300	B
<i>Other Observation, Extent : Moderate, Area Affected : 70%</i>								
<i>Location : Basement</i>								
<i>Explanation : Steam Traps Faulty And Condensate Return Lines Corroded</i>								
Terminal Devices								
Air Handler	30%			2022	\$130,800	1	\$12,300	B
Convactor/Radiator	70%			2027	**	1	\$14,900	B
Air Conditioning								
Energy Source								
District C.W.	85%			2032	**	1		B
Electricity	15%			2038	**	1		B

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

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
AMERICAN MUSEUM OF NATL HISTORY SECTION 19

Asset # : 2337

Mechanical	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Air Conditioning								
Conversion Equipment								
Centrifugal, Elec Chiller	85%			2031	* *	1	\$60,700	B
<i>Other Observation, Extent : Light, Area Affected : 85%</i>								
<i>Location : Basement Of Section 17</i>								
<i>Explanation : Component Located In Basement Of Section 17 - Refrigerant 134a</i>								
Window/Wall Unit	15%			2020		1		B
Distribution								
Chilled Wtr Pipe/Pump	85%			2032	* *	4	\$4,200	B
No Component	15%							D
Terminal Devices								
Air Handler/Cool/Ht	85%			2022	\$292,000	1	\$34,700	B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : All Dx Systems Are Being Converted To Chilled Water System</i>								
No Component	15%							D
Heat Rejection								
Water Cool Tower	85%	Now	\$9,900	2023	\$197,300	2	\$45,100	B
<i>Other Observation, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Component Located Between Sections 4 And 11</i>								
<i>Explanation : 2 Units Out Of 8 Are Inoperable</i>								
No Component	15%							D
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location : Roof</i>								
<i>Explanation : Abandoned Air Condenser Unit Needs To Be Removed</i>								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$36,800	B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Most Of Ventilation Occurs Through Air Handlers</i>								
Exhaust Fans								
Interior	100%			2022	\$89,400	2	\$2,000	B
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%	Now	\$12,100	2027	* *	1		B
<i>Corroded, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout Basement</i>								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		B
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		B
Backflow Preventer								
Generic	100%			2027	* *	1	\$4,100	B

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**DEPARTMENT OF CULTURAL AFFAIRS - 126
AMERICAN MUSEUM OF NATL HISTORY SECTION 19**

Asset # : 2337

Mechanical	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Plumbing								
Fixtures								
Generic	100%							B
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Roof</i>							
	<i>Explanation : Abandoned Domestic Water Roof Tank Needs To Be Removed</i>							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	**			C
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : B-6, Ornithology And 4th Floor : 6th Floor D C System</i>							
	<i>Explanation : 2 Units, #19f And 19p</i>							
Fire Suppression								
Standpipe								
Generic	100%			2032	**	1-5	\$33,300	B
Sprinkler								
No Component	95%							D
Generic	5%			2042	**	1-2	\$900	B

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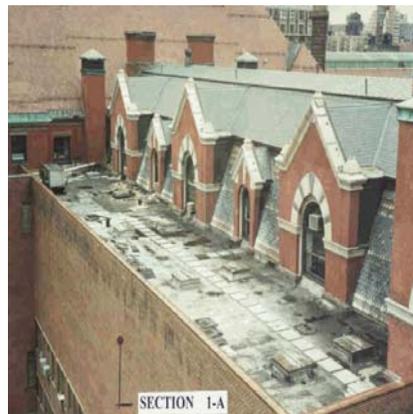
Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : AMERICAN MUSEUM OF NATL HISTORY SECTION 1A
Address : W. 77TH ST. & CPW
Borough : MANHATTAN **Agency's Number** : N/A
Program / Asset # : DCA0002.01A / 2338 **Yr Built/Renovated** : 1955 / 1996
Area Sq Ft : 38,240 **Project Type** : CULTURAL AFFAIRS
Date of Survey : 06-Jun-2011 **Landmark Status** : HISTORICAL LANDMARK DISTRICT
Areas Surveyed : Basement, Roof, Floors 1,4,4M
Block : 1130 **Lot** : 1 **BIN** : 1083846

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$159,200	\$48,500
Mechanical	\$264,400	\$334,100
Total	\$423,600	\$382,600
Priority A	\$159,200	\$48,500
Priority B	\$264,400	\$334,100
Total	\$423,600	\$382,600

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$31,300			
Interior Architecture	\$163,200			\$14,300
Mechanical	\$54,800	\$5,900	\$17,100	\$5,400
Total	\$249,300	\$5,900	\$17,100	\$19,700
Priority A	\$31,300			
Priority B	\$66,500	\$5,900	\$17,100	\$5,400
Priority C	\$151,500			\$14,300
Total	\$249,300	\$5,900	\$17,100	\$19,700



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

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DEPARTMENT OF CULTURAL AFFAIRS - 126
AMERICAN MUSEUM OF NATL HISTORY SECTION 1A

Asset # : 2338

Architecture	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	97%	Now	\$87,700	LIFE	**	5	\$48,500	A
	<i>Spalling, Extent : Light, Area Affected : 5%</i>							
	<i>Location : East Facade</i>							
	<i>Staining/Discoloring, Extent : Moderate, Area Affected : 20%</i>							
	<i>Location : East Facade</i>							
	<i>Water Penetration, Extent : Moderate, Area Affected : 5%</i>							
	<i>Location : Various Offices</i>							
Masonry: Limestone	3%			LIFE	**	5	\$1,100	A
Windows								
Steel	100%	Now	\$31,300	2030	**	5	\$27,300	A
	<i>Deteriorated Finish, Extent : Moderate, Area Affected : 40%</i>							
	<i>Location : Throughout</i>							
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	**	5	\$500	A
	<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>							
	<i>Location : Throughout</i>							
	<i>Caulking Deteriorated, Extent : Moderate, Area Affected : 30%</i>							
	<i>Location : Throughout</i>							
Masonry: Brick	95%			LIFE	**	5	\$1,300	A
	<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 40%</i>							
	<i>Location : Throughout</i>							
	<i>Miss/Damaged Flashings, Extent : Moderate, Area Affected : 50%</i>							
	<i>Location : Deformed Copper Flashing Throughout</i>							
Roof								
Modified Bitumen	98%	Now	\$71,400	2032	**			A
	<i>Seams Open/Split, Extent : Moderate, Area Affected : 25%</i>							
	<i>Location : Throughout</i>							
	<i>Water Penetration, Extent : Severe, Area Affected : 10%</i>							
	<i>Location : Various</i>							
	<i>Worn/Eroded, Extent : Moderate, Area Affected : 50%</i>							
	<i>Location : Throughout</i>							
	<i>Other Observation, Extent : Moderate, Area Affected : 20%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : Dumnage Flashing</i>							
Skylight, Plastic	2%			2035	**	1		A
Interior								
Floors								
Carpet	50%	2-4	\$148,900	2024	\$148,900	3	\$35,100	C
	<i>Staining/Discoloring, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
	<i>Worn/Eroded, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
Cast in Place Concrete	5%			LIFE	**	5	\$5,100	C
Vinyl Tile	45%			2027	**	3	\$10,500	C

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DEPARTMENT OF CULTURAL AFFAIRS - 126
AMERICAN MUSEUM OF NATL HISTORY SECTION 1A

Asset # : 2338

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

Interior

Interior Walls

Gypsum Board	30%			LIFE	**	5	\$18,100	C
Masonry: Brick	10%			LIFE	**			C
Plaster	60%			LIFE	**	5	\$18,100	C

Ceilings

AcousTileSusp.Lay-In	50%			2035	**	5	\$23,400	B
Exposed Concrete	10%			LIFE	**	5	\$700	B
Exposed Struc: Steel	10%			LIFE	**			B
Masonry: Infill Arch	10%			LIFE	**			B
Plaster	20%			LIFE	**	5	\$5,900	B

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

Heating

Energy Source

Utility Steam	100%			2032	**	1		B
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Conversion Equipment

Pres. Reducing Valve/LP Steam	100%			2025	**	5	\$1,900	B
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Distribution

Steam Piping/Pump	100%	Now	\$13,400	2022	\$268,000	4	\$1,500	B
<i>Other Observation, Extent : Moderate, Area Affected : 70%</i>								
<i>Location : Basement</i>								
<i>Explanation : Steam Traps Faulty And Condensate Return Lines Corroded</i>								

Terminal Devices

Air Handler	60%			2017	\$124,200	1	\$11,600	B
Convactor/Radiator	40%			2027	**	1	\$4,100	B

Air Conditioning

Energy Source

District C.W.	60%			2032	**	1		B
Electricity	40%			2038	**	1		B

Conversion Equipment

Centrifugal, Elec Chiller	60%			2025	**	1	\$20,300	B
<i>Other Observation, Extent : Light, Area Affected : 60%</i>								
<i>Location : Sect 17</i>								
<i>Explanation : Component Located In Basement Of Sect 17.refrigerant 134a</i>								

Window/Wall Unit	40%	0-2	\$31,600	2022	\$31,600	1		B
<i>On Extended Life, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Through Out</i>								

Distribution

Chilled Wtr Pipe/Pump	60%			2032	**	4	\$1,400	B
No Component	40%							D

Terminal Devices

Air Handler/Cool/Ht	60%			2017	\$97,800	1	\$11,600	B
No Component	40%							D

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

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DEPARTMENT OF CULTURAL AFFAIRS - 126
AMERICAN MUSEUM OF NATL HISTORY SECTION 1A

Asset # : 2338

Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Air Conditioning								
Heat Rejection								
Water Cool Tower	60%	Now	\$3,300	2020	\$66,100	2	\$15,100	B
<i>Other Observation, Extent : Light, Area Affected : 60%</i>								
<i>Location : Component Located Between Sect 4 And 11</i>								
<i>Explanation : 2 Units Out Of 8 Need Repair</i>								
No Component	40%							D
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$17,400	B
Exhaust Fans								
Interior	100%			2017	\$42,400	2	\$1,000	B
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2027	**	1		B
Water Heater								
Electric	10%			2017	\$600	4		B
No Component	90%							D
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		B
Storm Drain Piping								
Cast Iron	100%			LIFE	**	1		B
Fixtures								
Generic	100%							B
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	**			C
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Gallery 77</i>								
<i>Explanation : 1 Unit Travel From Basement : 2nd Floor</i>								
Fire Suppression								
Standpipe								
Generic	100%			2032	**	1-5	\$15,800	B
Sprinkler								
No Component	95%							D
Generic	5%			2032	**	1-2	\$400	B

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

Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : AMERICAN MUSEUM OF NATL HISTORY SECTION 2
Address : W. 77TH ST. & CPW
Borough : MANHATTAN **Agency's Number** : N/A
Program / Asset # : DCA0002.002 / 2328 **Yr Built/Renovated** : 1891 / 2007
Area Sq Ft : 57,025 **Project Type** : CULTURAL AFFAIRS
Date of Survey : 31-May-2011 **Landmark Status** : EXTERIOR, HISTORICAL DISTRICT
Areas Surveyed : Basement, Roof, Floors 1,2,3,4,5,M
Block : 1130 **Lot** : 1 **BIN** : 1083846

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$826,100	\$41,700
Interior Architecture	\$51,400	\$225,300
Mechanical		\$903,200
Total	\$877,500	\$1,170,200
Priority A	\$826,100	\$41,700
Priority B		\$903,200
Priority C	\$51,400	\$225,300
Total	\$877,500	\$1,170,200

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$30,600			\$16,200
Interior Architecture	\$19,300	\$1,700	\$25,100	\$10,300
Mechanical	\$13,900	\$10,100	\$29,300	\$9,100
Total	\$63,800	\$11,800	\$54,400	\$35,600
Priority A	\$30,600			\$16,200
Priority B	\$25,800	\$10,100	\$29,300	\$9,100
Priority C	\$7,400	\$1,700	\$25,100	\$10,300
Total	\$63,800	\$11,800	\$54,400	\$35,600



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

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

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

**DEPARTMENT OF CULTURAL AFFAIRS - 126
AMERICAN MUSEUM OF NATL HISTORY SECTION 2**

Asset # : 2328

Architecture	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	15%	Now	\$26,300	LIFE	**	5	\$7,300	A
<i>Efflorescence, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : North Facade</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : North Facade</i>								
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : North Facade</i>								
Masonry: Granite	85%			LIFE	**	5	\$30,900	A
<i>Recent Repair Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : South Facade</i>								
Windows								
Wood								
Wood	10%	Now	\$41,900	2047	**	5	\$4,600	A
<i>Deteriorated Finish, Extent : Severe, Area Affected : 50%</i>								
<i>Location : North Facade</i>								
<i>Thermally Inefficient, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : North Facade</i>								
<i>Split/Cracked, Extent : Severe, Area Affected : 25%</i>								
<i>Location : North Facade</i>								
Wood	90%			2038	**	5	\$83,500	A
<i>Recent Repair Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : South Facade</i>								
Roof								
Copper/Terne								
Copper/Terne	5%	Now	\$2,600	2037	**			A
<i>Deformed/Dented, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Roll Roofing								
Roll Roofing	10%	Now	\$1,600	2018	\$16,200	5	\$2,800	A
<i>Miss/Damaged Flashings, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Lower Roof</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Lower Roof</i>								
Slate								
Slate	85%	Now	\$742,400	LIFE	**			A
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Loose/Miss Fasteners, Extent : Severe, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Roof Is 54 Years Beyond Highest Rated Lifespan.</i>								
Interior								

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

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
AMERICAN MUSEUM OF NATL HISTORY SECTION 2

Asset # : 2328

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
Floors								
Carpet	20%			2021	\$88,800	3	\$27,900	C
Cast in Place Concrete	5%			LIFE	**	5	\$7,600	C
Ceramic Tile	5%			2031	**	5	\$3,500	C
Mosaic Tile	25%			2027	**	5	\$43,600	C
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Corridors And Various Offices</i>								
<i>Explanation : Historic Decorative Minton Tiles - Super Premium.</i>								
Mosaic Tile	5%	Now	\$51,400	2027	**	5	\$4,400	C
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Fifth Floor</i>								
Marble Panels	10%			LIFE	**	5	\$5,200	C
Terrazzo	20%			LIFE	**	5	\$10,900	C
Vinyl Tile	5%			2027	**	3	\$1,700	C
Wood	5%			2037	**	5	\$6,500	C
Interior Walls								
Fabric on Framing	15%			2023	\$225,300	5	\$5,700	C
Glass: Single Pane	10%			LIFE	**	5	\$5,700	C
Glass: Single Pane	5%			LIFE	**	5	\$2,900	C
Gypsum Board	15%			LIFE	**	5	\$6,800	C
Masonry: Brick	5%			LIFE	**			C
Marble Panels	5%			LIFE	**			C
Plaster	30%			LIFE	**	5	\$6,800	C
Plaster	5%			LIFE	**	5	\$1,100	C
Wood	10%			LIFE	**	5	\$30,400	C
Ceilings								
AcousTileConcealSpLn	10%			2035	**	5	\$8,700	B
AcousTileSusp.Lay-In	30%	Now	\$7,500	2035	**	5	\$10,500	B
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Offices</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Development Offices</i>								
Exposed Struc: Steel	7%			LIFE	**			B
Gypsum Board	10%			LIFE	**	5	\$8,700	B
Plaster	40%			LIFE	**	5	\$17,500	B
Plaster	3%			LIFE	**	5	\$1,300	B

Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Utility Steam	100%			2032	**	1		B
Distribution								
Steam Piping/Pump	100%			2032	**	4	\$3,500	B

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

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

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

**DEPARTMENT OF CULTURAL AFFAIRS - 126
AMERICAN MUSEUM OF NATL HISTORY SECTION 2**

Asset # : 2328

Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Terminal Devices								
Air Handler	50%			2022	\$154,300	1	\$14,500	B
Convactor/Radiator	50%			2020	\$270,300	1	\$7,600	B
Air Conditioning								
Energy Source								
District C.W.	60%			2032	**	1		B
Electricity	40%			2038	**	1		B
Conversion Equipment								
Centrifugal, Elec Chiller	60%			2031	**	1	\$30,300	B
<i>Other Observation, Extent : Light, Area Affected : 60%</i>								
<i>Location : Section 17</i>								
<i>Explanation : Components Located In Basement Of Section 17 - Refrigerant 134a</i>								
Ext Pkg Unit - Cooling	35%			2027	**	2	\$1,000	B
<i>R-22 Refrigerant, Extent : Light, Area Affected : 100%</i>								
<i>Location : Roof Roof Top Units</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Roof</i>								
<i>Explanation : Serves Lobby Area</i>								
Window/Wall Unit	5%			2017	\$5,900	1		B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : 5th Floor</i>								
<i>Explanation : Serves Offices</i>								
Distribution								
Chilled Wtr Pipe/Pump	60%			2032	**	4	\$2,100	B
No Component	40%							D
Terminal Devices								
Air Handler/Cool/Ht	60%			2022	\$145,900	1	\$17,300	B
No Component	40%							D
Heat Rejection								
Water Cool Tower	60%	Now	\$4,900	2023	\$98,600	2	\$22,500	B
<i>Other Observation, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Component Located Between Sections 4 And 11</i>								
<i>Explanation : 2 Units Out Of 8 Are Inoperable</i>								
No Component	40%							D
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$26,000	B
Exhaust Fans								
Interior	100%			2022	\$63,300	2	\$1,400	B
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2020	\$170,900	1		B
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		B
Storm Drain Piping								
Cast Iron	100%			LIFE	**	1		B

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

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

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

**DEPARTMENT OF CULTURAL AFFAIRS - 126
AMERICAN MUSEUM OF NATL HISTORY SECTION 2**

Asset # : 2328

Mechanical	Current Repair		Future Replacement		Maintenance		Priority Code	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Plumbing								
Fixtures								
Generic	100%							B
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	**			C
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : B-5, 77th Street Side Of Complex</i>					
			<i>Explanation : 2 Units, #15 And #16</i>					
Fire Suppression								
Standpipe								
Generic	100%			2042	**	1-5	\$24,400	B
Sprinkler								
No Component	95%							D
Generic	5%			2032	**	1-2	\$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.*

Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : AMERICAN MUSEUM OF NATL HISTORY SECTION 20
 Address : W. 77TH ST. & CPW
 Borough : MANHATTAN Agency's Number : N/A
 Program / Asset # : DCA0002.020 / 13555 Yr Built/Renovated : 1999 /
 Area Sq Ft : 82,177 Project Type : CULTURAL AFFAIRS
 Date of Survey : 06-Jun-2011 Landmark Status : HISTORICAL LANDMARK DISTRICT
 Areas Surveyed : Basement, Roof, Floors 1,1M,2,4,5,6,7,7M,8
 Block : 1130 Lot : 1 BIN : 1083846

CAPITAL		FY 2015 - 2018	FY 2019 - 2024
Interior Architecture			\$187,900
Mechanical			\$236,700
Total			\$424,600
Priority B			\$343,700
Priority C			\$80,900
Total			\$424,600

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Interior Architecture	\$23,900	\$13,600	\$20,800	\$6,900
Mechanical	\$31,200	\$20,600	\$45,700	\$21,900
Elevators/Escalators	\$21,700	\$21,700	\$21,700	\$21,700
Total	\$76,800	\$56,000	\$88,100	\$50,500
Priority B	\$60,500	\$42,300	\$67,400	\$43,600
Priority C	\$16,400	\$13,600	\$20,800	\$6,900
Total	\$76,800	\$56,000	\$88,100	\$50,500



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

DEPARTMENT OF CULTURAL AFFAIRS - 126
AMERICAN MUSEUM OF NATL HISTORY SECTION 20

Asset # : 13555

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Copper/Terne	10%			2057	**	10		A
Masonry: Brick	73%			LIFE	**	5		A
Masonry: Limestone	5%			LIFE	**	5		A
Window Wall	12%			2042	**	5		A
Windows								
Aluminum	95%			2038	**	5		A
Metal Louvers	5%			2031	**	10		A
Parapets								
Copper/Terne	5%			2057	**	5		A
Copper/Terne	10%			2057	**	5		A
Masonry: Brick	60%			LIFE	**	5		A
Metal Rail	25%			2035	**	5-10		A
Roof								
IRMA/Protected Membrane	30%			2027	**	10		A
<i>Paver Block Ballast, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Section Over Main Roof</i>								
Modified Bitumen	70%			2027	**	10		A
Interior								
Floors								
Carpet	10%			2021	\$64,000	3	\$20,100	C
Cast in Place Concrete	5%			LIFE	**	5	\$11,000	C
Ceramic Tile	20%			2031	**	5	\$20,100	C
Sheet Vinyl/Rubber	15%			2027	**	5	\$22,600	C
Terrazzo	10%			LIFE	**	5	\$7,900	C
Traffic Topping	15%			2027	**	5	\$18,900	C
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Labs And Various</i>								
<i>Explanation : Fluid Applied Epoxy Floor</i>								
Vinyl Tile	15%			2027	**	3	\$7,500	C
Wood	10%			2050	**	5	\$18,900	C
Interior Walls								
Ceramic Tile	5%			2031	**	5	\$7,100	C
Gypsum Board	95%			LIFE	**	5	\$80,900	C
Ceilings								
AcousTileSusp.Lay-In	15%			2035	**	5	\$15,100	B
Gypsum Board	85%			LIFE	**	5	\$106,900	B
Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Utility Steam	100%			2042	**	1		B

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

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
AMERICAN MUSEUM OF NATL HISTORY SECTION 20

Asset # : 13555

Mechanical	Current Repair		Future Replacement		Maintenance		Priority Code	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating								
Conversion Equipment								
Heat Exchanger	100%			2035	**	1	\$33,300	B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : One Unit Coverts Steam To Hot Water System</i>								
Distribution								
Hot Wtr Piping/Pump	100%			2038	**	4	\$3,300	B
Air Conditioning								
Energy Source								
District C.W.	100%			2042	**	1		B
Conversion Equipment								
Centrifugal, Elec Chiller	100%			2035	**	1	\$72,800	B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement Of Section 17</i>								
<i>Explanation : Component Located In Basement Of Section 17 - Refrigerant R-134a</i>								
Distribution								
Chilled Wtr Pipe/Pump	100%			2048	**	4	\$5,000	B
Terminal Devices								
Air Handler/Cool/Ht	100%			2027	**	1	\$41,600	B
Heat Rejection								
Water Cool Tower	100%	Now	\$11,800	2023	\$236,700	2	\$54,100	B
<i>Other Observation, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Components Located Between Sections 4 And 11</i>								
<i>Explanation : 2 Units Out Of 8 Are Inoperable</i>								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$37,500	B
Exhaust Fans								
Interior	100%			2027	**	2	\$2,100	B
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2048	**	1		B
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		B
Storm Drain Piping								
Cast Iron	100%			LIFE	**	1		B
Backflow Preventer								
Generic	100%			2027	**	1	\$4,200	B
Fixtures								
Generic	100%							B
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.

**DEPARTMENT OF CULTURAL AFFAIRS - 126
AMERICAN MUSEUM OF NATL HISTORY SECTION 20**

Asset # : 13555

Mechanical	Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	
Vertical Transport							
Elevators							
Geared Traction	50%			LIFE	* *		C
		<i>Other Observation, Extent : Light, Area Affected : 50%</i>					
		<i>Location : Basement - 8 (10 Stops)</i>					
		<i>Explanation : 1 Unit #20 F</i>					
Hydraulic	50%			LIFE	* *		C
		<i>Other Observation, Extent : Light, Area Affected : 50%</i>					
		<i>Location : 3 Levels - Museum Shop</i>					
		<i>Explanation : 1 Unit #20 P</i>					
Fire Suppression							
Standpipe							
Generic	100%			2042	* *	1-5	\$35,200 B
Sprinkler							
Generic	100%			2048	* *	1-2	\$18,900 B

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

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

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

Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : AMERICAN MUSEUM OF NATL HISTORY SECTION 2A
Address : W. 77TH ST. & CPW
Borough : MANHATTAN **Agency's Number** : N/A
Program / Asset # : DCA0002.02A / 2339 **Yr Built/Renovated** : 1891 / 2007
Area Sq Ft : 23,957 **Project Type** : CULTURAL AFFAIRS
Date of Survey : 31-May-2011 **Landmark Status** : EXTERIOR, HISTORICAL DISTRICT
Areas Surveyed : Basement, Roof, Floors 1,2,3,4,5
Block : 1130 **Lot** : 1 **BIN** : 1083846

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$682,500	
Interior Architecture	\$41,200	
Mechanical		\$167,700
Total	\$723,700	\$167,700
Priority A	\$682,500	
Priority B		\$167,700
Priority C	\$41,200	
Total	\$723,700	\$167,700

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$11,200			\$16,300
Interior Architecture	\$4,800		\$7,300	\$4,000
Mechanical	\$14,400	\$4,300	\$16,200	\$4,000
Total	\$30,400	\$4,300	\$23,600	\$24,400
Priority A	\$11,200			\$16,300
Priority B	\$14,400	\$4,300	\$16,200	\$4,000
Priority C	\$4,800		\$7,300	\$4,000
Total	\$30,400	\$4,300	\$23,600	\$24,400



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

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
AMERICAN MUSEUM OF NATL HISTORY SECTION 2A

Asset # : 2339

Architecture	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	40%	Now	\$8,000	LIFE	**	5	\$4,400	A
<i>Efflorescence, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : North Facade</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : North Facade</i>								
<i>Staining/Discoloring, Extent : Severe, Area Affected : 5%</i>								
<i>Location : North Facade</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : North Facade</i>								
Masonry: Granite	50%			LIFE	**	5	\$4,100	A
<i>Recent Repair Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : South Facade</i>								
Masonry: Granite	10%	Now	\$3,300	LIFE	**	5	\$800	A
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : North Facade</i>								
<hr/>								
Windows								
Wood	50%	Now	\$147,700	2047	**	5	\$16,300	A
<i>Air Infiltration, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : North Facade</i>								
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : North Facade</i>								
<i>Thermally Inefficient, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : North Facade</i>								
<i>Split/Cracked, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : North Facade</i>								
Wood	50%			2038	**	5	\$32,700	A
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : South Facade</i>								
<hr/>								
Roof								
Slate	100%	Now	\$534,800	LIFE	**			A
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Loose/Miss Fasteners, Extent : Severe, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : 54 Years Beyond Material Lifespan</i>								
<hr/>								
Interior								

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

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
AMERICAN MUSEUM OF NATL HISTORY SECTION 2A

Asset # : 2339

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
Floors								
Carpet	20%			2021	\$37,300	3	\$11,700	C
Cast in Place Concrete	10%			LIFE	**	5	\$6,400	C
Ceramic Tile	5%			2035	**	5	\$1,500	C
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : New Bathrooms</i>								
Mosaic Tile	20%			2027	**	5	\$14,700	C
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : First Floor, Upper Floors</i>								
<i>Explanation : Historic Decorative Minton Tiles - Super Premium</i>								
Terrazzo	15%			LIFE	**	5	\$3,400	C
Vinyl Tile	30%			2027	**	3	\$4,400	C
Interior Walls								
Masonry: Brick	5%			LIFE	**			C
Marble Panels	2%			LIFE	**			C
Plaster	83%	Now	\$41,200	LIFE	**	5	\$12,500	C
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Stairs And Some Offices</i>								
Wood	10%			LIFE	**	5	\$20,100	C
Ceilings								
AcousTileSusp.Lay-In	30%			2039	**	5	\$8,800	B
Gypsum Board	10%			LIFE	**	5	\$3,700	B
Plaster	60%			LIFE	**	5	\$11,000	B

Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Utility Steam	100%			2032	**	1		B
Distribution								
Steam Piping/Pump	100%	Now	\$8,400	2032	**	4	\$1,000	B
<i>Other Observation, Extent : Moderate, Area Affected : 60%</i>								
<i>Location : Basement</i>								
<i>Explanation : Steam Traps Faulty And Condensate Return Lines Corroded</i>								
Terminal Devices								
Convactor/Radiator	70%			2027	**	1	\$4,400	B
No Component	30%							D
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location : Through Out</i>								
<i>Explanation : Covered Under Ac Section</i>								
Air Conditioning								
Energy Source								
District C.W.	100%			2032	**	1		B

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

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
AMERICAN MUSEUM OF NATL HISTORY SECTION 2A

Asset # : 2339

Mechanical System Component Type	Current Repair			Future Replacement		Maintenance		Priority Code
	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Air Conditioning								
Conversion Equipment								
Centrifugal, Elec Chiller	70%			2031	* *	1	\$14,900	B
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Sect 17</i>							
	<i>Explanation : Component Located In Basement Of Sect 17.refrigerant 134a</i>							
Window/Wall Unit	10%			2017	\$4,900	1		B
No Component	20%							D
Distribution								
Chilled Wtr Pipe/Pump	70%			2032	* *	4	\$1,000	B
No Component	30%							D
Terminal Devices								
Direct Expansion	20%			2027	* *	1		B
Air Handler/Cool/Ht	70%			2022	\$57,200	1	\$8,500	B
No Component	10%							D
Heat Rejection								
Air Condenser Unit	20%			2027	* *	2	\$2,700	B
Water Cool Tower	70%	Now	\$1,900	2023	\$38,700	2	\$11,000	B
	<i>Other Observation, Extent : Light, Area Affected : 70%</i>							
	<i>Location : Component Located Between Sect 4 And 11</i>							
	<i>Explanation : 2 Units Out Of 8 Are Inoperable .</i>							
No Component	10%							D
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$10,900	B
Exhaust Fans								
Interior	100%			2022	\$26,600	2	\$600	B
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2020	\$71,800	1		B
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		B
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		B
Fire Suppression								
Standpipe								
Generic	100%			2032	* *	1-5	\$9,900	B
Sprinkler								
Generic	100%			2032	* *	1-2	\$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.

Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : AMERICAN MUSEUM OF NATL HISTORY SECTION 2B
Address : W. 77TH ST. & CPW
Borough : MANHATTAN **Agency's Number** : N/A
Program / Asset # : DCA0002.02B / 2340 **Yr Built/Renovated** : 1891 / 2007
Area Sq Ft : 20,904 **Project Type** : CULTURAL AFFAIRS
Date of Survey : 31-May-2011 **Landmark Status** : EXTERIOR, HISTORICAL DISTRICT
Areas Surveyed : Basement, Roof, Floors 1,1M,2,3,4,5,6
Block : 1130 **Lot** : 1 **BIN** : 1083846

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$605,400	
Interior Architecture		\$39,400
Mechanical		\$208,400
Total	\$605,400	\$247,800
Priority A	\$605,400	
Priority B		\$208,400
Priority C		\$39,400
Total	\$605,400	\$247,800

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$16,000			
Interior Architecture	\$16,200	\$500	\$4,300	\$1,300
Mechanical	\$19,600	\$4,200	\$13,800	\$3,900
Elevators/Escalators	\$17,800	\$17,800	\$17,800	\$17,800
Total	\$69,500	\$22,500	\$35,900	\$23,000
Priority A	\$16,000			
Priority B	\$43,400	\$22,000	\$31,600	\$21,700
Priority C	\$10,100	\$500	\$4,300	\$1,300
Total	\$69,500	\$22,500	\$35,900	\$23,000



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

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
AMERICAN MUSEUM OF NATL HISTORY SECTION 2B

Asset # : 2340

Architecture	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	35%			LIFE	**	5	\$3,900	A
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : North Facade</i>								
Masonry: Granite	50%			LIFE	**	5	\$4,100	A
<i>Recent Repair Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : South Facade</i>								
Masonry: Granite	15%			LIFE	**	5	\$1,200	A
Windows								
Wood	50%	Now	\$97,400	2047	**	5	\$14,400	A
<i>Air Infiltration, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : North Facade</i>								
<i>Deteriorated Finish, Extent : Severe, Area Affected : 50%</i>								
<i>Location : North Facade</i>								
<i>Split/Cracked, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : North Facade</i>								
Wood	50%			2030	**	5	\$28,900	A
<i>Recent Repair Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : South Facade</i>								
Roof								
Copper/Terne	5%	Now	\$1,600	2037	**			A
<i>Deformed/Dented, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Gutters</i>								
Slate	95%	Now	\$508,000	LIFE	**			A
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Loose/Miss Fasteners, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Various</i>								
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : 54 Years Past Material Life Span.</i>								
Interior								

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

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
AMERICAN MUSEUM OF NATL HISTORY SECTION 2B

Asset # : 2340

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
Floors								
Carpet	10%			2021	\$16,300	3	\$5,100	C
Cork Tile	10%			2042	**	5	\$2,200	C
Mosaic Tile	20%			2035	**	5	\$12,800	C
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Various</i>								
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Various</i>								
<i>Explanation : Historic Decorative Minton Tile - Extreme Premium</i>								
Mosaic Tile	10%			2027	**	5	\$6,400	C
Terrazzo	25%			LIFE	**	5	\$5,000	C
Vinyl Tile	15%			2022	\$39,400	3	\$1,400	C
Wood	10%			2050	**	5	\$4,800	C
Interior Walls								
Gypsum Board	20%			LIFE	**	5	\$7,100	C
Plaster	70%			LIFE	**	5	\$12,400	C
Wood	10%			LIFE	**	5	\$23,600	C
Ceilings								
AcousTileConcealSpLn	10%			2035	**	5	\$3,200	B
AcousTileSusp.Lay-In	35%			2035	**	5	\$9,000	B
Plaster	55%			LIFE	**	5	\$8,800	B

Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Utility Steam	100%			2032	**	1		B
Distribution								
Steam Piping/Pump	100%	Now	\$14,600	2032	**	4	\$800	B
<i>Other Observation, Extent : Moderate, Area Affected : 60%</i>								
<i>Location : Basement</i>								
<i>Explanation : Steam Traps Faulty And Condensate Return Lines Corroded</i>								
Terminal Devices								
Convactor/Radiator	80%			2020	\$158,500	1	\$4,400	B
No Component	20%							D
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Covered Under A C System</i>								
Air Conditioning								
Energy Source								
District C.W.	100%			2032	**	1		B

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

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
AMERICAN MUSEUM OF NATL HISTORY SECTION 2B

Asset # : 2340

Mechanical	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Air Conditioning								
Conversion Equipment								
Centrifugal, Elec Chiller	70%			2031	**	1	\$13,000	B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Section 17</i>								
<i>Explanation : Component Located In Basement Of Section 17 - Refrigerant 134a</i>								
Window/Wall Unit	10%			2017	\$4,300	1		B
No Component	20%							D
Distribution								
Chilled Wtr Pipe/Pump	70%			2032	**	4	\$900	B
No Component	30%							D
Terminal Devices								
Direct Expansion	20%			2022	\$10,400	1		B
Air Handler/Cool/Ht	70%			2022	\$49,900	1	\$7,400	B
No Component	10%							D
Heat Rejection								
Air Condenser Unit	20%			2022	\$6,700	2	\$2,400	B
Water Cool Tower	70%	Now	\$1,700	2020	\$33,700	2	\$9,600	B
<i>Other Observation, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Component Located Between Sections 4 And 11</i>								
<i>Explanation : 2 Units Out Of 8 Are Inoperable</i>								
No Component	10%							D
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$9,500	B
Exhaust Fans								
Interior	100%			2027	**	2	\$500	B
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2027	**	1		B
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		B
Storm Drain Piping								
Cast Iron	100%			LIFE	**	1		B
Fire Suppression								
Standpipe								
Generic	100%			2032	**	1-5	\$8,600	B
Sprinkler								
Generic	100%			2032	**	1-2	\$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.

Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : AMERICAN MUSEUM OF NATL HISTORY SECTION 3
Address : W. 77TH ST. & CPW
Borough : MANHATTAN **Agency's Number** : N/A
Program / Asset # : DCA0002.003 / 2808 **Yr Built/Renovated** : 1894 / 2007
Area Sq Ft : 67,921 **Project Type** : CULTURAL AFFAIRS
Date of Survey : 01-Jun-2011 **Landmark Status** : EXTERIOR, HISTORICAL DISTRICT
Areas Surveyed : Basement, Roof, Floors 1,2,3,4,5,M
Block : 1130 **Lot** : 1 **BIN** : 1083846

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$1,315,700	\$175,300
Interior Architecture	\$227,800	\$97,600
Mechanical	\$170,600	\$822,800
Total	\$1,714,000	\$1,095,800
Priority A	\$1,315,700	\$175,300
Priority B	\$213,600	\$822,800
Priority C	\$184,700	\$97,600
Total	\$1,714,000	\$1,095,800

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$17,900			
Interior Architecture	\$12,500	\$1,200	\$43,500	\$3,400
Mechanical	\$38,300	\$10,300	\$55,600	\$9,400
Total	\$68,800	\$11,500	\$99,000	\$12,900
Priority A	\$17,900			
Priority B	\$38,300	\$10,300	\$83,400	\$9,400
Priority C	\$12,500	\$1,200	\$15,600	\$3,400
Total	\$68,800	\$11,500	\$99,000	\$12,900



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

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
AMERICAN MUSEUM OF NATL HISTORY SECTION 3

Asset # : 2808

Architecture	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Copper/Terne	5%			2042	**	10	\$7,900	A
Masonry: Granite	95%			LIFE	**	5	\$48,000	A
<i>Recent Repair Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : South Facade</i>								
Windows								
Wood	100%			2038	**	5	\$254,600	A
<i>Recent Repair Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : South Facade</i>								
Roof								
Copper/Terne	20%	Now	\$17,900	2037	**			A
<i>Seams Open/Split, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : North Side</i>								
Slate	80%	Now	\$1,188,400	LIFE	**			A
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Loose/Miss Fasteners, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Loose Units, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Throughout - Especially Near Window Dormers</i>								
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Roof Is Over 100 Years Old. Long Past Rated Life.</i>								
Interior								
Floors								
Carpet	2%			2021	\$10,600	3	\$3,300	C
Ceramic Tile	3%			2031	**	5	\$2,500	C
Mosaic Tile	15%			2027	**	5	\$31,200	C
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Historic Minton Tiles - Super Premium</i>								
Terrazzo	40%	Now	\$53,600	LIFE	**	5	\$26,000	C
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Second Floor Corridor - Asian Peoples Exhibit</i>								
Vinyl Tile	25%	Now	\$85,300	2027	**	3	\$7,800	C
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 5%</i>								
<i>Location : Fifth Floor</i>								
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Basement And Fifth Floor</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement Corridor</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : 5th Floor</i>								
<i>Explanation : 9x9 Tile</i>								
Wood	15%			2050	**	5	\$23,400	C

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

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
AMERICAN MUSEUM OF NATL HISTORY SECTION 3

Asset # : 2808

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
Interior Walls								
Glass: Single Pane	3%			LIFE	**	5	\$2,600	C
Gypsum Board	60%			LIFE	**	5	\$41,800	C
Masonry: Brick	2%			LIFE	**			C
Mosaic Tile	3%			LIFE	**			C
Plaster	20%	Now	\$45,900	LIFE	**	5	\$7,000	C
<i>Water Penetration, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Fifth Floor Offices And Mezzanine</i>								
Wood	12%			LIFE	**	5	\$55,800	C
Ceilings								
AcousTile,Adhered	45%			2027	**	5	\$37,400	B
AcousTileSusp.Lay-In	22%			2027	**	5	\$18,300	B
Plaster	28%	Now	\$43,100	LIFE	**	5	\$14,600	B
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Various</i>								
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Various Offices</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Fifth Floor And Mezzanine</i>								
Plaster	5%			LIFE	**	5	\$2,600	B
<i>Loose/Delam Surface, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Fifth Floor</i>								
<i>Paint Peeling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Fifth Floor</i>								

Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Utility Steam	100%			2032	**	1		B
Conversion Equipment								
Pres. Reducing Valve/LP Steam	100%			2025	**	5	\$3,300	B
Distribution								
Steam Piping/Pump	100%	0-2	\$23,800	2032	**	4	\$2,700	B
<i>Other Observation, Extent : Moderate, Area Affected : 70%</i>								
<i>Location : Basement</i>								
<i>Explanation : Steam Traps Faulty And Condensate Return Lines Corroded</i>								
Terminal Devices								
Convactor/Radiator	60%			2020		1	\$10,800	B
No Component	40%							D
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location : Fan Room</i>								
<i>Explanation : Covered Under A C System</i>								

Air Conditioning

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

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
AMERICAN MUSEUM OF NATL HISTORY SECTION 3

Asset # : 2808

Mechanical	Current Repair		Future Replacement		Maintenance		Priority Code	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Air Conditioning								
Energy Source								
District C.W.	70%			2032	**	1		B
Electricity	30%			2038	**	1		B
Conversion Equipment								
Centrifugal, Elec Chiller	60%			2031	**	1	\$36,100	B
<i>Other Observation, Extent : Light, Area Affected : 40%</i>								
<i>Location : Basement Of Section 17</i>								
<i>Explanation : Component Located In Basement Of Section 17 - Refrigerant 134a</i>								
Window/Wall Unit	20%			2017	\$28,000	1		B
No Component	20%							D
Distribution								
Chilled Wtr Pipe/Pump	60%			2032	**	4	\$2,500	B
No Component	40%							D
Terminal Devices								
Direct Expansion	20%			2022	\$33,800	1		B
Air Handler/Cool/Ht	60%			2022	\$139,000	1	\$20,700	B
No Component	20%							D
Heat Rejection								
Air Condenser Unit	20%			2022	\$21,800	2	\$7,700	B
Water Cool Tower	60%	Now	\$4,700	2023	\$93,900	2	\$26,800	B
<i>Other Observation, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Component Located Between Sections 4 And 11</i>								
<i>Explanation : 2 Units Out Of 8 Are Inoperable</i>								
No Component	20%							D
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$31,000	B
Exhaust Fans								
Interior	100%			2017	\$75,400	2	\$1,700	B
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2020	\$203,600	1		B
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		B
Storm Drain Piping								
Cast Iron	100%	2-4	\$95,200	LIFE	**	1		B
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Basement And 1st Floor</i>								
<i>Explanation : Sewage Clogs Cause Flooding During Storms</i>								
Fixtures								
Generic	100%							B
Fire Suppression								
Standpipe								
Generic	100%			2032	**	1-5	\$28,100	B
Sprinkler								
No Component	95%							D
Generic	5%			2032	**	1-2	\$800	B

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

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
AMERICAN MUSEUM OF NATL HISTORY SECTION 3
Asset # : 2808

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

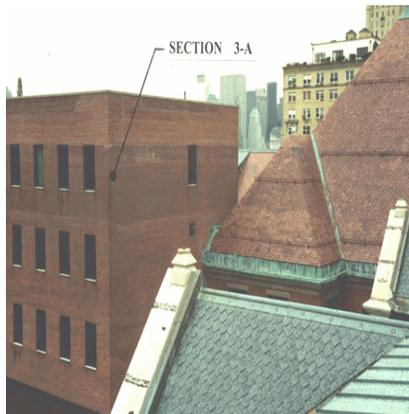
Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : AMERICAN MUSEUM OF NATL HISTORY SECTION 3A
 Address : W. 77TH ST. & CPW
 Borough : MANHATTAN Agency's Number : N/A
 Program / Asset # : DCA0002.03A / 2341 Yr Built/Renovated : 1969 / 1969
 Area Sq Ft : 71,112 Project Type : CULTURAL AFFAIRS
 Date of Survey : 03-Jun-2011 Landmark Status : HISTORICAL LANDMARK DISTRICT
 Areas Surveyed : Basement, Roof, Floors 1,2,3,6,8,10
 Block : 1130 Lot : 1 BIN : 1083846

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Exterior Architecture		\$69,200
Interior Architecture		\$35,600
Mechanical	\$303,100	\$283,800
Total	\$303,100	\$388,600
Priority A		\$69,200
Priority B	\$303,100	\$283,800
Priority C		\$35,600
Total	\$303,100	\$388,600

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$29,300		\$20,800	\$2,200
Interior Architecture	\$23,300			\$9,800
Mechanical	\$113,400	\$12,400	\$36,900	\$12,400
Elevators/Escalators	\$10,900	\$10,900	\$10,900	\$10,900
Total	\$176,800	\$23,300	\$68,600	\$35,300
Priority A	\$29,300		\$20,800	\$2,200
Priority B	\$137,800	\$23,300	\$47,800	\$23,300
Priority C	\$9,800			\$9,800
Total	\$176,800	\$23,300	\$68,600	\$35,300



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

DEPARTMENT OF CULTURAL AFFAIRS - 126
AMERICAN MUSEUM OF NATL HISTORY SECTION 3A

Asset # : 2341

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	100%			LIFE	**	5	\$69,200	A
Windows								
Aluminum	100%			2038	**	5	\$4,500	A
<i>Condensation Present, Extent : Light, Area Affected : 5%</i>								
<i>Location : Various Offices</i>								
Parapets								
Masonry: Brick	95%	Now	\$29,300	LIFE	**	5	\$4,100	A
<i>Vertical Cracks, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Pre-Cast Concrete	5%			LIFE	**	5	\$1,400	A
Roof								
Built-Up (BUR)	100%			2027	**	10	\$20,800	A
<i>Miss/Damaged Flashings, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	**	5	\$19,000	C
Vinyl Tile	90%			2027	**	3	\$39,200	C
Interior Walls								
Concrete Masonry Unit	75%			LIFE	**	5	\$35,600	C
Plaster	25%			LIFE	**	5	\$8,900	C
Ceilings								
AcousTileConcealSpLn	10%			2035	**	5	\$10,900	B
Exposed Struc: Steel	80%			LIFE	**			B
Plaster	10%	Now	\$8,000	LIFE	**	5	\$5,400	B
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Various</i>								

Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Utility Steam	100%			2032	**	1		B
Conversion Equipment								
Pres. Reducing Valve/LP Steam	100%	0-2	\$900	2025	**	5	\$1,700	B
<i>Corroded, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Basement</i>								
Distribution								
Steam Piping/Pump	100%	Now	\$24,900	2032	**	4	\$2,900	B
<i>Other Observation, Extent : Moderate, Area Affected : 70%</i>								
<i>Location : Basement</i>								
<i>Explanation : Steam Traps Faulty And Condensate Return Lines Corroded</i>								

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

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

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DEPARTMENT OF CULTURAL AFFAIRS - 126
AMERICAN MUSEUM OF NATL HISTORY SECTION 3A

Asset # : 2341

Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating								
Terminal Devices								
Convector/Radiator	50%			2027	**	1	\$9,400	B
No Component	50%							D
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location : Fan Room</i>								
<i>Explanation : Covered Under A C Section</i>								
Air Conditioning								
Energy Source								
District C.W.	100%			2032	**	1		B
Conversion Equipment								
Centrifugal, Elec Chiller	100%			2031	**	1	\$63,000	B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Section 17</i>								
<i>Explanation : Component Located In Basement Of Section 17 - Refrigerant 134a</i>								
Distribution								
Chilled Wtr Pipe/Pump	100%	0-2	\$17,400	2032	**	4	\$2,900	B
<i>Insul. Deteriorating, Extent : Light, Area Affected : 5%</i>								
<i>Location : Transfer Cooling Tower Piping And Chilled Water Piping. Rear Yards Between Buildings</i>								
Terminal Devices								
Air Handler/Cool/Ht	100%	Now	\$15,200	2017	\$303,100	1	\$32,400	B
<i>Noisy/Vibrating, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Air Handler, Fan Room</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Fan Room Air Handler</i>								
<i>Explanation : Control System Malfunction</i>								
Heat Rejection								
Water Cool Tower	100%	Now	\$10,200	2023	\$204,900	2	\$46,800	B
<i>Other Observation, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Component Located Between Sections 4 And 11</i>								
<i>Explanation : 2 Units Out Of 8 Are Inoperable</i>								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$32,400	B
Exhaust Fans								
Interior	100%			2022	\$78,900	2	\$1,800	B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Fan Room</i>								
<i>Explanation : Most Of Ventilation Occurs Through Air Handlers</i>								
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%	0-2	\$4,300	2027	**	1		B
<i>Corroded, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : 5th Floor</i>								
HW Heat Exchanger								
Low Temp	100%	0-2	\$22,100	2052	**	4	\$5,800	B
<i>Corroded, Extent : Severe, Area Affected : 100%</i>								
<i>Location : 5th Floor</i>								

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

**DEPARTMENT OF CULTURAL AFFAIRS - 126
AMERICAN MUSEUM OF NATL HISTORY SECTION 3A**

Asset # : 2341

Mechanical	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Plumbing								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		B
Storm Drain Piping								
Cast Iron	100%	Now	\$10,000	LIFE	* *	1		B
		<i>Other Observation, Extent : Severe, Area Affected : 20%</i>						
		<i>Location : Basement</i>						
		<i>Explanation : Sewage Clogs Cause Flooding During Storms</i>						
Fixtures								
Generic	100%							B
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			C
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : 1-10, Frick Building</i>						
		<i>Explanation : 1 Unit, #8</i>						
Fire Suppression								
Standpipe								
Generic	100%			2032	* *	1-5	\$29,400	B
Sprinkler								
No Component	95%							D
Generic	5%			2032	* *	1-2	\$800	B

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Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : AMERICAN MUSEUM OF NATL HISTORY SECTION 4
Address : W. 77TH ST. & CPW
Borough : MANHATTAN **Agency's Number** : N/A
Program / Asset # : DCA0002.004 / 2329 **Yr Built/Renovated** : 1895 / 2007
Area Sq Ft : 73,219 **Project Type** : CULTURAL AFFAIRS
Date of Survey : 31-May-2011 **Landmark Status** : EXTERIOR, HISTORICAL DISTRICT
Areas Surveyed : Basement, Roof, Floors 1,2,3,4,4M,5,6
Block : 1130 **Lot** : 1 **BIN** : 1083846

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$1,948,600	\$128,400
Interior Architecture	\$199,500	\$137,900
Mechanical	\$479,200	\$585,200
Total	\$2,627,300	\$851,500
Priority A	\$1,948,600	\$128,400
Priority B	\$553,800	\$585,200
Priority C	\$124,900	\$137,900
Total	\$2,627,300	\$851,500

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$55,200			
Interior Architecture	\$45,200	\$2,200	\$11,200	\$10,600
Mechanical	\$43,400	\$11,700	\$64,300	\$12,300
Total	\$143,800	\$14,000	\$75,500	\$23,000
Priority A	\$55,200			
Priority B	\$65,800	\$11,700	\$64,300	\$12,300
Priority C	\$22,800	\$2,200	\$11,200	\$10,600
Total	\$143,800	\$14,000	\$75,500	\$23,000



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DEPARTMENT OF CULTURAL AFFAIRS - 126
AMERICAN MUSEUM OF NATL HISTORY SECTION 4

Asset # : 2329

Architecture	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	35%	Now	\$137,600	LIFE	**	5	\$25,000	A
<i>Efflorescence, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : North Facade</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : North Facade</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : North Facade</i>								
Masonry: Granite	50%			LIFE	**	5	\$26,800	A
<i>Recent Repair Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : South Facade</i>								
Masonry: Granite	15%	Now	\$79,400	LIFE	**	5	\$8,000	A
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : North Facade</i>								
Windows								
Metal Louvers	5%			2025	**	10	\$8,400	A
Wood	45%	Now	\$550,000	2047	**	5	\$60,800	A
<i>Air Infiltration, Extent : Severe, Area Affected : 50%</i>								
<i>Location : North Facade</i>								
<i>Deteriorated Finish, Extent : Severe, Area Affected : 50%</i>								
<i>Location : North Facade</i>								
<i>Split/Cracked, Extent : Severe, Area Affected : 50%</i>								
<i>Location : North Facade</i>								
Wood	50%			2038	**	5	\$135,200	A
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : South Facade</i>								

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DEPARTMENT OF CULTURAL AFFAIRS - 126
AMERICAN MUSEUM OF NATL HISTORY SECTION 4

Asset # : 2329

Architecture	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Roof								
Built-Up (BUR)	10%	Now	\$33,400	2032		**		A
	<i>Vegetation Growth, Extent : Severe, Area Affected : 5%</i>							
	<i>Location : North Lower Roof</i>							
	<i>Water Penetration, Extent : Severe, Area Affected : 10%</i>							
	<i>Location : 5th Floor</i>							
	<i>Other Observation, Extent : Severe, Area Affected : 100%</i>							
	<i>Location : North Side Roof</i>							
	<i>Explanation : Past Useful Life</i>							
Copper/Terne	15%	Now	\$13,400	2037		**		A
	<i>Deformed/Dented, Extent : Moderate, Area Affected : 10%</i>							
	<i>Location : North Side</i>							
	<i>Seams Open/Split, Extent : Moderate, Area Affected : 10%</i>							
	<i>Location : North Side</i>							
Slate	75%	Now	\$1,114,100	LIFE		**		A
	<i>Broken/Missing Elements, Extent : Severe, Area Affected : 5%</i>							
	<i>Location : Throughout</i>							
	<i>Loose/Miss Fasteners, Extent : Severe, Area Affected : 50%</i>							
	<i>Location : Throughout</i>							
	<i>Water Penetration, Extent : Severe, Area Affected : 10%</i>							
	<i>Location : Throughout, Especially Near Dormers</i>							
	<i>Other Observation, Extent : Severe, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : Already 54 Years Beyond Material Lifespan</i>							
Interior								
Floors								
Carpet	20%			2021	\$114,000	3	\$35,900	C
Cast in Place Concrete	5%			LIFE		**	\$9,800	C
Ceramic Tile	5%			2031		**	\$4,500	C
Mosaic Tile	10%			2027		**	\$22,400	C
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Various</i>							
	<i>Explanation : Historic Decorative Minton Tiles</i>							
Slate	10%			LIFE		**	\$9,500	C
Terrazzo	35%			LIFE		**	\$24,500	C
Vinyl Tile	15%	Now	\$13,800	2022	\$137,900	3	\$5,000	C
	<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 20%</i>							
	<i>Location : Corridors</i>							
	<i>Other Observation, Extent : Severe, Area Affected : 80%</i>							
	<i>Location : Various</i>							
	<i>Explanation : 9x9 Tile</i>							

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

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DEPARTMENT OF CULTURAL AFFAIRS - 126
AMERICAN MUSEUM OF NATL HISTORY SECTION 4

Asset # : 2329

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
Interior Walls								
Concrete Masonry Unit	5%			LIFE	**	5	\$2,300	C
Glass: Single Pane	10%			LIFE	**	5	\$8,600	C
Masonry: Brick	5%			LIFE	**			C
Marble Panels	10%			LIFE	**			C
Plaster	55%	Now	\$124,900	LIFE	**	5	\$19,000	C
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 5%</i>								
<i>Location : Laboratories, Conservation Area, Near Fire Exit Doors</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Various Throughout</i>								
Plywood/Hardboard	10%			LIFE	**			C
Wood	5%			LIFE	**	5	\$23,000	C
Ceilings								
AcousTile,Adhered	10%			2035	**	5	\$9,000	B
AcousTileSusp.Lay-In	40%			2035	**	5	\$35,900	B
Exposed Struc: Steel	5%			LIFE	**			B
Plaster	45%	Now	\$74,600	LIFE	**	5	\$25,200	B
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Various Throughout</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Rooms 8, 10, 12, 39a, And Others</i>								

Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Utility Steam	100%			2032	**	1		B
Conversion Equipment								
Pres. Reducing Valve/LP Steam	100%			2018	\$45,600	5	\$3,600	B
Distribution								
Steam Piping/Pump	100%	Now	\$102,600	2032	**	4	\$3,000	B
<i>Other Observation, Extent : Severe, Area Affected : 70%</i>								
<i>Location : Basement</i>								
<i>Explanation : Steam Traps Faulty, Supply And Return Lines Corroded</i>								
Terminal Devices								
Convactor/Radiator	60%			2020	\$416,500	1	\$11,600	B
No Component	40%							D
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location : Fan Room</i>								
<i>Explanation : Covered Under A C System</i>								
Air Conditioning								
Energy Source								
District C.W.	100%			2032	**	1		B

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

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

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DEPARTMENT OF CULTURAL AFFAIRS - 126
AMERICAN MUSEUM OF NATL HISTORY SECTION 4

Asset # : 2329

Mechanical	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Air Conditioning								
Conversion Equipment								
Centrifugal, Elec Chiller	80%			2031	* *	1	\$51,900	B
	<i>Other Observation, Extent : Light, Area Affected : 80%</i>							
	<i>Location : Basement Of Section 17</i>							
	<i>Explanation : Component Located In Basement Of Section 17 - Refrigerant 134a</i>							
Window/Wall Unit	20%			2017		1		B
Distribution								
Chilled Wtr Pipe/Pump	80%			2032	* *	4	\$3,500	B
No Component	20%							D
Terminal Devices								
Air Handler/Cool/Ht	80%			2017	\$249,700	1	\$29,700	B
No Component	20%							D
Heat Rejection								
Water Cool Tower	80%	Now	\$8,400	2023	\$168,700	2	\$38,600	B
	<i>Other Observation, Extent : Moderate, Area Affected : 5%</i>							
	<i>Location : Component Located Between Sections 4 And 11</i>							
	<i>Explanation : 2 Units Out Of 8 Are Inoperable</i>							
No Component	20%							D
	<i>Other Observation, Extent : Light, Area Affected : 0%</i>							
	<i>Location : Roof</i>							
	<i>Explanation : Abandoned Air Condenser Unit Needs To Be Removed</i>							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$33,400	B
Exhaust Fans								
Interior	100%			2017	\$81,200	2	\$1,900	B
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Fan Room</i>							
	<i>Explanation : Most Of Ventilation Occurs Through Air Handlers</i>							
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2027	* *	1		B
Water Heater								
Electric	100%			2015	\$11,400	4	\$500	B
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		B
Storm Drain Piping								
Cast Iron	100%	Now	\$5,100	LIFE	* *	1		B
	<i>Recent Repair Evident, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Throughout</i>							
Sump Pump(s)								
Submersible	100%			2015	\$6,700	4	\$2,000	B
Fixtures								
Generic	100%							B
Fire Suppression								
Standpipe								
Generic	100%			2032	* *	1-5	\$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.*

**DEPARTMENT OF CULTURAL AFFAIRS - 126
AMERICAN MUSEUM OF NATL HISTORY SECTION 4**

Asset # : 2329

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)		Code
Fire Suppression	Sprinkler								
	No Component	95%							D
	Generic	5%			2032	* *	1-2	\$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.*

Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : AMERICAN MUSEUM OF NATL HISTORY SECTION 5
Address : W. 77TH ST. & CPW
Borough : MANHATTAN **Agency's Number** : N/A
Program / Asset # : DCA0002.005 / 2309 **Yr Built/Renovated** : 1896 / 2007
Area Sq Ft : 65,035 **Project Type** : CULTURAL AFFAIRS
Date of Survey : 01-Jun-2011 **Landmark Status** : EXTERIOR, HISTORICAL DISTRICT
Areas Surveyed : Basement, Roof, Floors 1,2,3,4,5
Block : 1130 **Lot** : 1 **BIN** : 1083846

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$1,161,700	\$167,600
Interior Architecture	\$45,200	\$131,600
Mechanical	\$329,400	\$1,099,300
Total	\$1,536,300	\$1,398,500
Priority A	\$1,161,700	\$167,600
Priority B	\$329,400	\$1,099,300
Priority C	\$45,200	\$131,600
Total	\$1,536,300	\$1,398,500

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture			\$6,000	
Interior Architecture	\$62,100	\$1,000	\$3,000	\$82,900
Mechanical	\$73,600	\$9,700	\$42,600	\$8,900
Total	\$135,700	\$10,700	\$51,600	\$91,800
Priority A			\$6,000	
Priority B	\$118,800	\$9,700	\$42,600	\$8,900
Priority C	\$17,000	\$1,000	\$3,000	\$82,900
Total	\$135,700	\$10,700	\$51,600	\$91,800



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

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
AMERICAN MUSEUM OF NATL HISTORY SECTION 5

Asset # : 2309

Architecture	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Copper/Terne	5%			2042	**	10	\$9,500	A
Masonry: Granite	20%	Now	\$241,100	LIFE	**	5	\$12,200	A
	<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%</i>							
	<i>Location : East Facade</i>							
Masonry: Granite	75%			LIFE	**	5	\$45,800	A
	<i>Recent Repair Evident, Extent : Light, Area Affected : 100%</i>							
	<i>Location : South Facade And Corner</i>							
Windows								
Wood								
	40%	Now	\$295,900	2047	**	5	\$43,800	A
	<i>Air Infiltration, Extent : Severe, Area Affected : 100%</i>							
	<i>Location : East Facade</i>							
	<i>Deteriorated Finish, Extent : Severe, Area Affected : 100%</i>							
	<i>Location : East Facade</i>							
	<i>Dry Rot/Decay, Extent : Moderate, Area Affected : 50%</i>							
	<i>Location : East Facade</i>							
	<i>Split/Cracked, Extent : Moderate, Area Affected : 40%</i>							
	<i>Location : East Facade</i>							
Wood	60%			2038	**	5	\$131,500	A
	<i>Recent Repair Evident, Extent : Light, Area Affected : 100%</i>							
	<i>Location : South Facade And Corner Portion</i>							
Roof								
Copper/Terne	10%			2037	**	10	\$6,000	A
Slate	90%	Now	\$559,000	LIFE	**			A
	<i>Broken/Missing Elements, Extent : Severe, Area Affected : 10%</i>							
	<i>Location : Throughout</i>							
	<i>Cracking/Crumbling, Extent : Severe, Area Affected : 5%</i>							
	<i>Location : Throughout</i>							
	<i>Loose/Miss Fasteners, Extent : Severe, Area Affected : 30%</i>							
	<i>Location : Throughout</i>							
	<i>Loose Units, Extent : Severe, Area Affected : 5%</i>							
	<i>Location : Throughout</i>							
	<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>							
	<i>Location : Various</i>							
	<i>Other Observation, Extent : Severe, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : Roof Is Original. Currently 50 Years Past Its Rated Life.</i>							

Interior

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

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
AMERICAN MUSEUM OF NATL HISTORY SECTION 5

Asset # : 2309

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
Floors								
Carpet	15%	Now	\$15,200	2018	\$76,000	3	\$17,900	C
<i>Wrinkling, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Third Floor Offices</i>								
Ceramic Tile	2%			2025	**	5	\$1,600	C
Quarry Tile	5%			2027	**	5	\$6,000	C
Slate	3%			LIFE	**	5	\$2,500	C
Terrazzo	55%			LIFE	**	5	\$34,200	C
<i>Horizontal Cracks, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Second Floor</i>								
Vinyl Tile	10%			2022	\$81,700	3	\$3,000	C
<i>Other Observation, Extent : Moderate, Area Affected : 70%</i>								
<i>Location : Fifth Floor</i>								
<i>Explanation : 9x9 Tile</i>								
Vinyl Tile	10%			2027	**	3	\$4,000	C
Interior Walls								
Gypsum Board	22%			LIFE	**	5	\$11,000	C
Masonry: Brick	5%			LIFE	**			C
Mosaic Tile	3%			LIFE	**			C
Plaster	55%	Now	\$45,200	LIFE	**	5	\$13,700	C
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Various</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Primitive Mammals Exhibit Hall And Various Offices</i>								
Wood	15%			LIFE	**	5	\$49,900	C
Ceilings								
AcousTileConcealSpLn	20%			2035	**	5	\$19,900	B
AcousTileSusp.Lay-In	20%	Now	\$5,700	2035	**	5	\$8,000	B
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Basement</i>								
Gypsum Board	18%			LIFE	**	5	\$17,900	B
Plaster	40%	Now	\$29,400	LIFE	**	5	\$19,900	B
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : 5th Floor Tower, Fourth Floor</i>								
Plaster	2%			LIFE	**	5	\$1,000	B

Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Utility Steam	100%			2032	**	1		B

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

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
AMERICAN MUSEUM OF NATL HISTORY SECTION 5

Asset # : 2309

Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating								
Distribution								
Steam Piping/Pump	100%	Now	\$22,800	2022	\$455,700	4	\$2,600	B
<i>Other Observation, Extent : Moderate, Area Affected : 70%</i>								
<i>Location : Basement</i>								
<i>Explanation : Steam Traps Faulty And Condensate Return Lines Corroded</i>								
Terminal Devices								
Air Handler	40%			2017	\$140,800	1	\$13,200	B
Convactor/Radiator	60%			2020	\$369,900	1	\$10,300	B
Air Conditioning								
Energy Source								
District C.W.	75%			2032	**	1		B
Electricity	25%			2038	**	1		B
Conversion Equipment								
Centrifugal, Elec Chiller	60%			2031	**	1	\$34,600	B
<i>Other Observation, Extent : Light, Area Affected : 60%</i>								
<i>Location : Basement Of Section 17</i>								
<i>Explanation : Component Located In Basement Of Section 17 - Refrigerant 134a</i>								
Window/Wall Unit	10%			2017	\$13,400	1		B
No Component	30%							D
Distribution								
Chilled Wtr Pipe/Pump	60%			2032	**	4	\$2,400	B
No Component	40%							D
Terminal Devices								
Direct Expansion	20%			2022	\$28,400	1		B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Fan Room</i>								
<i>Explanation : All Dx Systems Are Being Converted To Chilled Water System</i>								
Air Handler/Cool/Ht	60%			2017	\$116,400	1	\$19,800	B
No Component	20%							D
Heat Rejection								
Air Condenser Unit	20%	0-2	\$18,300	2032	**	2	\$5,900	B
<i>Broken, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Roof</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : All Dx Systems Are Being Converted To Chilled Water System</i>								
Water Cool Tower	60%	Now	\$3,900	2023	\$78,700	2	\$25,700	B
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : Component Located Between Sections 4 And 11</i>								
<i>Explanation : 2 Units Out Of 8 Are Inoperable</i>								
No Component	20%							D
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$29,700	B
Exhaust Fans								
Interior	100%			2017	\$72,200	2	\$1,600	B
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.

**DEPARTMENT OF CULTURAL AFFAIRS - 126
AMERICAN MUSEUM OF NATL HISTORY SECTION 5**

Asset # : 2309

Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Plumbing								
H/C Water Piping Galv Iron/Steel	100%	Now	\$19,500	2020	\$195,000	1		B
			<i>Corroded, Extent : Moderate, Area Affected : 20%</i>					
			<i>Location : Throughout Basement</i>					
Sanitary Piping Cast Iron	100%			LIFE	* *	1		B
Storm Drain Piping Cast Iron	100%			LIFE	* *	1		B
Fixtures								
Generic	100%							B
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Roof</i>					
			<i>Explanation : Abandoned Domestic Water Roof Tank Needs To Be Removed</i>					
Fire Suppression								
Standpipe Generic	100%			2032	* *	1-5	\$26,900	B
Sprinkler								
No Component	95%							D
Generic	5%			2032	* *	1-2	\$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.*

Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : AMERICAN MUSEUM OF NATL HISTORY SECTION 6
Address : W. 77TH ST. & CPW
Borough : MANHATTAN **Agency's Number** : N/A
Program / Asset # : DCA0002.006 / 2310 **Yr Built/Renovated** : 1897 / 1990
Area Sq Ft : 71,952 **Project Type** : CULTURAL AFFAIRS
Date of Survey : 31-May-2011 **Landmark Status** : EXTERIOR, HISTORICAL DISTRICT
Areas Surveyed : Basement, Roof, Floors 1,2,3,4,4m,5,6
Block : 1130 **Lot** : 1 **BIN** : 1083846

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$1,245,300	\$192,500
Interior Architecture	\$36,200	
Mechanical		\$1,564,600
Total	\$1,281,500	\$1,757,100
Priority A	\$1,245,300	\$192,500
Priority B		\$1,564,600
Priority C	\$36,200	
Total	\$1,281,500	\$1,757,100

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture			\$5,800	
Interior Architecture	\$84,800		\$16,500	\$143,400
Mechanical	\$61,500	\$15,500	\$63,900	\$11,700
Total	\$146,300	\$15,500	\$86,300	\$155,100
Priority A			\$5,800	
Priority B	\$84,700	\$15,500	\$63,900	\$11,700
Priority C	\$61,600		\$16,500	\$143,400
Total	\$146,300	\$15,500	\$86,300	\$155,100



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

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
AMERICAN MUSEUM OF NATL HISTORY SECTION 6

Asset # : 2310

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Copper/Terne	5%			2042	**	10	\$10,500	A
Masonry: Granite	20%	Now	\$264,100	LIFE	**	5	\$13,400	A
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Northern Portion Of West Facade</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Northern Portion Of West Facade</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Northern Portion Of West Facade</i>								
Masonry: Granite	75%			LIFE	**	5	\$50,200	A
<i>Recent Repair Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : South And Partial West Facades</i>								
Windows								
Wood	25%	Now	\$271,400	2047	**	5	\$30,000	A
<i>Air Infiltration, Extent : Severe, Area Affected : 50%</i>								
<i>Location : West Facade</i>								
<i>Deteriorated Finish, Extent : Severe, Area Affected : 50%</i>								
<i>Location : West Facade</i>								
<i>Thermally Inefficient, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : West Facade</i>								
<i>Split/Cracked, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : West Facade</i>								
Wood	75%			2038	**	5	\$180,100	A
<i>Recent Repair Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : South And Partial West Facades</i>								
Parapets								
Masonry: Granite	100%			LIFE	**	5		A
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Cornice, Turrets And Decorations</i>								
<i>Explanation : Rose Granite</i>								
Roof								
Copper/Terne	8%			2037	**	10	\$5,800	A
Slate	82%	Now	\$619,800	LIFE	**			A
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Loose/Miss Fasteners, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Slate In Place For 135 Years - 55 Years Beyond Material Lifespan.</i>								
Sloped Glazing	10%			LIFE	**	5	\$38,900	A
<i>Glazing Clouded, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								

Interior

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

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
AMERICAN MUSEUM OF NATL HISTORY SECTION 6

Asset # : 2310

Architecture	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
Floors								
Carpet	23%	Now	\$25,800	2018	\$128,900	3	\$30,400	C
	<i>Worn/Eroded, Extent : Moderate, Area Affected : 50%</i>							
	<i>Location : Meteorite Exhibit Area</i>							
	<i>Wrinkling, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Fourth And Fifth Floor Offices</i>							
	<i>Other Observation, Extent : Moderate, Area Affected : 5%</i>							
	<i>Location : Meteorite Exhibit</i>							
	<i>Explanation : Rips / Tears</i>							
Cast in Place Concrete	2%			LIFE	**	5	\$3,900	C
Ceramic Tile	5%			2025	**	5	\$4,400	C
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Foyer</i>							
	<i>Explanation : Minton Tile</i>							
Ceramic Tile	5%			2025	**	5	\$4,400	C
Mosaic Tile	10%			2027	**	5	\$22,000	C
Slate	5%			LIFE	**	5	\$4,700	C
Traffic Topping	10%			2027	**	5	\$11,000	C
Vinyl Tile	40%	Now	\$18,100	2027	**	3	\$13,200	C
	<i>Worn/Eroded, Extent : Severe, Area Affected : 10%</i>							
	<i>Location : Collections Areas</i>							
	<i>Other Observation, Extent : Severe, Area Affected : 20%</i>							
	<i>Location : Collections Areas</i>							
	<i>Explanation : 9x9 Tile</i>							
Interior Walls								
Gypsum Board	40%			LIFE	**	5	\$17,600	C
Masonry: Brick	5%	Now	\$13,400	LIFE	**			C
	<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>							
	<i>Location : Paint Shop</i>							
Plaster	50%	Now	\$36,200	LIFE	**	5	\$11,000	C
	<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>							
	<i>Location : Various Offices</i>							
	<i>Water Penetration, Extent : Moderate, Area Affected : 5%</i>							
	<i>Location : Various Offices</i>							
Wood	5%			LIFE	**	5	\$14,700	C

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

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
AMERICAN MUSEUM OF NATL HISTORY SECTION 6

Asset # : 2310

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
Ceilings								
AcousTile,Adhered	5%			2035	**	5	\$4,400	B
AcousTileSusp.Lay-In	25%	Now	\$7,900	2035	**	5	\$11,000	B
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Various</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Various</i>								
Exposed Struc: Steel	10%			LIFE	**			B
Gypsum Board	20%			LIFE	**	5	\$22,000	B
Plaster	40%	Now	\$13,000	LIFE	**	5	\$22,000	B
<i>Water Penetration, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Collections Areas (various Floors), Anthropology, Paint Shop</i>								
<hr/>								
Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Utility Steam	100%			2032	**	1		B
Distribution								
Steam Piping/Pump	100%	0-2	\$25,200	2022	\$504,200	4	\$2,900	B
<i>Other Observation, Extent : Moderate, Area Affected : 70%</i>								
<i>Location : Basement</i>								
<i>Explanation : Steam Traps Faulty And Condensate Return Lines Corroded</i>								
Terminal Devices								
Air Handler	30%			2022	\$116,800	1	\$10,900	B
Convactor/Radiator	70%			2020	\$477,500	1	\$13,300	B
Air Conditioning								
Energy Source								
District C.W.	70%			2032	**	1		B
Electricity	30%			2038	**	1		B
Conversion Equipment								
Centrifugal, Elec Chiller	60%			2035	**	1	\$38,300	B
<i>Other Observation, Extent : Light, Area Affected : 60%</i>								
<i>Location : Basement Of Section 17</i>								
<i>Explanation : Component Located In Basement Of Section 17 - Refrigerant 134a</i>								
Ext Pkg Unit - Cooling	20%			2022	\$66,700	2	\$700	B
<i>R-22 Refrigerant, Extent : Light, Area Affected : 100%</i>								
<i>Location : Roof</i>								
Window/Wall Unit	15%			2017	\$22,300	1		B
No Component	5%							D
Distribution								
Chilled Wtr Pipe/Pump	60%			2032	**	4	\$2,600	B
No Component	40%							D

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

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
AMERICAN MUSEUM OF NATL HISTORY SECTION 6

Asset # : 2310

Mechanical	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Air Conditioning								
Terminal Devices								
Direct Expansion	20%			2022	\$42,600	1		B
Air Handler/Cool/Ht	60%			2022	\$174,800	1	\$21,900	B
No Component	20%							D
Heat Rejection								
Air Condenser Unit	20%			2022	\$27,400	2	\$8,200	B
Water Cool Tower	60%	Now	\$5,900	2023	\$118,200	2	\$28,400	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Component Located Between Sections 4 And 11</i>								
<i>Explanation : 2 Units Out Of 8 Are Inoperable</i>								
No Component	20%							D
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$32,800	B
Exhaust Fans								
Interior	80%			2022	\$63,900	2	\$1,500	B
Roof	20%			2017	\$11,500	2	\$400	B
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2027	**	1		B
HW Heat Exchanger								
Low Temp	100%			2032	**	4	\$8,800	B
Sanitary Piping								
Cast Iron	100%	Now	\$15,700	LIFE	**	1		B
<i>Blockage /Clogged, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Basement</i>								
Storm Drain Piping								
Cast Iron	100%	Now	\$5,000	LIFE	**	1		B
<i>Blockage /Clogged, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : 1st Floor</i>								
Fixtures								
Generic	100%							B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Roof</i>								
<i>Explanation : Abandoned Domestic Water Roof Tank Needs To Be Removed</i>								
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	**			C
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : B-5, Anthropology</i>								
<i>Explanation : 1 Unit, #6a</i>								
Fire Suppression								
Standpipe								
Generic	100%			2032	**	1-5	\$29,700	B
Sprinkler								
No Component	95%							D
Generic	5%			2042	**	1-2	\$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.

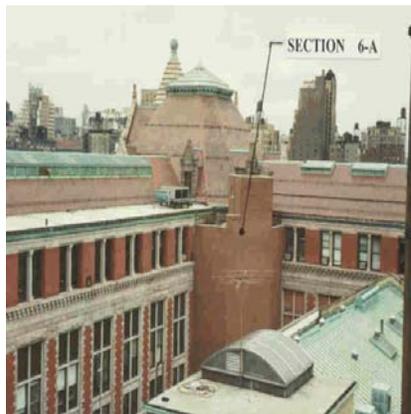
Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : AMERICAN MUSEUM OF NATL HISTORY SECTION 6A
Address : W. 77TH ST. & CPW
Borough : MANHATTAN **Agency's Number** : N/A
Program / Asset # : DCA0002.06A / 2342 **Yr Built/Renovated** : 1972 / 1972
Area Sq Ft : 4,718 **Project Type** : CULTURAL AFFAIRS
Date of Survey : 03-Jun-2011 **Landmark Status** : HISTORICAL LANDMARK DISTRICT
Areas Surveyed : Basement, Roof, Floors 1,2,3,4,4M,5,6
Block : 1130 **Lot** : 1 **BIN** : 1083846

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$35,300	
Total	\$35,300	
Priority A	\$35,300	
Total	\$35,300	

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$2,600	\$1,300		
Interior Architecture	\$18,700			\$700
Mechanical	\$3,400	\$100	\$100	\$100
Elevators/Escalators	\$6,900	\$6,900	\$6,900	\$6,900
Total	\$31,600	\$8,300	\$7,000	\$7,800
Priority A	\$2,600	\$1,300		
Priority B	\$14,300	\$7,000	\$7,000	\$7,000
Priority C	\$14,800			\$700
Total	\$31,600	\$8,300	\$7,000	\$7,800



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

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
AMERICAN MUSEUM OF NATL HISTORY SECTION 6A

Asset # : 2342

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
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	\$35,300	LIFE	**	5	\$9,800	A
<i>Diagonal Cracks, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Above Lintels</i>								
<i>Horizontal Cracks, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Above Lintels</i>								
Parapets								
Masonry: Brick	50%			LIFE	**	5	\$200	A
Metal Rail	50%			2035	**	5-10	\$4,300	A
Roof								
Roll Roofing	100%			2021		5	\$2,500	A
<i>Drains Clogged, Extent : Light, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
Interior								
Floors								
Vinyl Tile	100%			2027	**	3	\$2,900	C
<i>Worn/Eroded, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Interior Walls								
Gypsum Board	100%	Now	\$14,100	LIFE	**	5	\$8,600	C
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Basement, Fourth Floor</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Basement, Fourth Floor</i>								
Ceilings								
Gypsum Board	100%	Now	\$3,900	LIFE	**	5	\$7,200	B
<i>Loose/Delam Surface, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Third Floor, Fourth Floor</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Third Floor, Fourth Floor</i>								

Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Utility Steam	100%			2032	**	1		B
Distribution								
Steam Piping/Pump	100%	Now	\$3,300	2032	**	4	\$200	B
<i>Steam Traps Faulty, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
Terminal Devices								
Convactor/Radiator	100%			2027	**	1	\$1,300	B

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.

**DEPARTMENT OF CULTURAL AFFAIRS - 126
AMERICAN MUSEUM OF NATL HISTORY SECTION 6A**

Asset # : 2342

Mechanical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Vertical Transport Elevators Geared Traction	100%			LIFE		* *		C
<i>Other Observation, Extent : Light, Area Affected : 100%</i> <i>Location : B-5, Meteorite Hall</i> <i>Explanation : 1 Unit, #6</i>								

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

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

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

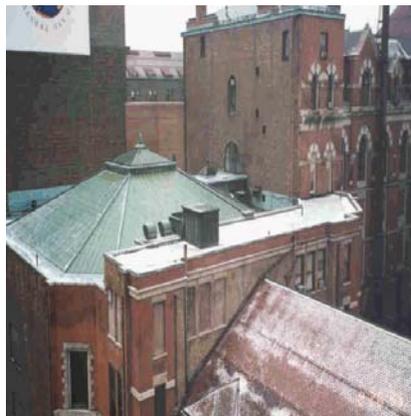
Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : AMERICAN MUSEUM OF NATL HISTORY SECTION 7 & 7A
Address : W. 77TH ST. & CPW
Borough : MANHATTAN **Agency's Number** : N/A
Program / Asset # : DCA0002.007 / 2311 **Yr Built/Renovated** : 1900 / 2002
Area Sq Ft : 40,955 **Project Type** : CULTURAL AFFAIRS
Date of Survey : 03-Jun-2011 **Landmark Status** : HISTORICAL LANDMARK DISTRICT
Areas Surveyed : Basement, Roof, Floors 1,2,3
Block : 1130 **Lot** : 1 **BIN** : 1083846

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$263,600	\$79,900
Interior Architecture	\$219,500	
Mechanical		\$660,400
Total	\$483,000	\$740,300
Priority A	\$263,600	\$79,900
Priority B	\$46,400	\$660,400
Priority C	\$173,100	
Total	\$483,000	\$740,300

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$48,700		\$1,900	
Interior Architecture	\$18,000			\$14,400
Mechanical	\$47,600	\$8,900	\$31,500	\$10,500
Total	\$114,300	\$8,900	\$33,400	\$24,900
Priority A	\$48,700		\$1,900	
Priority B	\$48,900	\$8,900	\$31,500	\$10,500
Priority C	\$16,800			\$14,400
Total	\$114,300	\$8,900	\$33,400	\$24,900



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

DEPARTMENT OF CULTURAL AFFAIRS - 126
AMERICAN MUSEUM OF NATL HISTORY SECTION 7 & 7A

Asset # : 2311

Architecture	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	80%	Now	\$176,300	LIFE	**	5	\$24,400	A
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : North Facade And Ground Level Tunnel South Side</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 20%</i>								
<i>Location : West Wing Of 7a</i>								
Masonry: Granite	15%	Now	\$33,800	LIFE	**	5	\$3,400	A
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : West Facade</i>								
Stucco Cement	5%			2027	**	5	\$3,800	A
<i>Cracking/Crumbling, Extent : Light, Area Affected : 5%</i>								
<i>Location : West Facade</i>								
Windows								
Wood	100%	Now	\$50,200	2047	**	5	\$7,400	A
<i>Air Infiltration, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : West Facade</i>								
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : West Facade</i>								
<i>Split/Cracked, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : West Facade</i>								
Parapets								
Masonry: Brick	100%	Now	\$14,800	LIFE	**	5	\$2,100	A
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Roof								
Built-Up (BUR)	15%	Now	\$37,200	2032	**			A
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : West Wing Of 7a</i>								
<i>Worn/Eroded, Extent : Severe, Area Affected : 100%</i>								
<i>Location : West Wing Of 7a</i>								
Copper/Terne	75%			2050	**	10	\$79,900	A
Single Ply Membrane	5%			2022	\$8,100	10	\$2,100	A
Skylight, Metal/Glass	5%			2042	**	10	\$7,100	A
Interior								
Floors								
Carpet	50%			2021	\$159,400	3	\$50,200	C
Terrazzo	15%			LIFE	**	5	\$5,900	C
Vinyl Tile	30%			2027	**	3	\$7,500	C
Wood	5%			2050	**	5	\$4,700	C

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

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
AMERICAN MUSEUM OF NATL HISTORY SECTION 7 & 7A

Asset # : 2311

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
Interior Walls								
Gypsum Board	20%			LIFE	**	5	\$4,800	C
Plaster	55%	Now	\$173,100	LIFE	**	5	\$6,600	C
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 10%</i>								
<i>Location : West Wing Of 7a - Corridors, Mammology And Storage</i>								
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 10%</i>								
<i>Location : West Wing Of 7a - Corridors, 3rd Floor Storage</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 10%</i>								
<i>Location : West Wing Of 7a - Corridors, Mammology And Storage</i>								
Plaster	25%			LIFE	**	5	\$3,000	C
Ceilings								
AcousTileSusp.Lay-In	5%			2035	**	5	\$2,500	B
Gypsum Board	15%			LIFE	**	5	\$9,400	B
Plaster	50%	Now	\$46,400	LIFE	**	5	\$15,700	B
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 10%</i>								
<i>Location : West Wing Of 7a - Corridors</i>								
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 10%</i>								
<i>Location : West Wing Of 7a - Corridors, Mammology And Storage</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 10%</i>								
<i>Location : West Wing Of 7a - Corridors, Mammology And Storage</i>								
Plaster	30%			LIFE	**	5	\$9,400	B

Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Utility Steam	100%			2032	**	1		B
Conversion Equipment								
Pres. Reducing Valve/LP Steam	100%			2025	**	5	\$2,000	B
Distribution								
Steam Piping/Pump	100%	Now	\$28,700	2032	**	4	\$1,700	B
<i>Leak Evident, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Basement</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 70%</i>								
<i>Location : Basement</i>								
<i>Explanation : Steam Traps Faulty And Condensate Return Lines Corroded</i>								
Terminal Devices								
Air Handler	50%			2022	\$110,800	1	\$10,400	B
Convactor/Radiator	50%			2020	\$194,100	1	\$5,400	B
Air Conditioning								
Energy Source								
District C.W.	100%			2032	**	1		B

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
AMERICAN MUSEUM OF NATL HISTORY SECTION 7 & 7A

Asset # : 2311

Mechanical	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Air Conditioning								
Conversion Equipment								
Centrifugal, Elec Chiller	80%			2031	* *	1	\$29,000	B
	<i>Other Observation, Extent : Light, Area Affected : 80%</i>							
	<i>Location : Basement Of Section 17</i>							
	<i>Explanation : Component Located In Basement Of Section 17 - Refrigerant 134a</i>							
No Component	20%							D
Distribution								
Chilled Wtr Pipe/Pump	80%			2032	* *	4	\$2,000	B
No Component	20%							D
Terminal Devices								
Air Handler/Cool/Ht	80%			2022	\$111,700	1	\$16,600	B
No Component	20%							D
Heat Rejection								
Water Cool Tower	80%	Now	\$3,800	2020	\$75,500	2	\$21,600	B
	<i>Other Observation, Extent : Moderate, Area Affected : 5%</i>							
	<i>Location : Component Located Between Sections 4 And 11</i>							
	<i>Explanation : 2 Units Out Of 8 Are Inoperable</i>							
No Component	20%							D
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$18,700	B
Exhaust Fans								
Interior	100%			2022	\$45,400	2	\$1,000	B
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%	Now	\$6,100	2020	\$122,800	1		B
	<i>Corroded, Extent : Moderate, Area Affected : 10%</i>							
	<i>Location : Throughout</i>							
HW Heat Exchanger								
Low Temp	100%			2022	\$12,800	4	\$3,300	B
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		B
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		B
Sump Pump(s)								
Rigid Piping	100%			2017	\$11,100	4	\$1,300	B
Fixtures								
Generic	100%							B
	<i>Obsolete Fixtures, Extent : Severe, Area Affected : 100%</i>							
	<i>Location : Toilet Rooms</i>							
Fire Suppression								
Standpipe								
Generic	100%			2042	* *	1-5	\$17,600	B
Sprinkler								
Generic	100%			2042	* *	1-2	\$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.

Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : AMERICAN MUSEUM OF NATL HISTORY SECTION 8 & 8A
 Address : W. 77TH ST. & CPW
 Borough : MANHATTAN Agency's Number : N/A
 Program / Asset # : DCA0002.008 / 2312 Yr Built/Renovated : 1908 / 1991
 Area Sq Ft : 89,563 Project Type : CULTURAL AFFAIRS
 Date of Survey : 03-Jun-2011 Landmark Status : EXTERIOR, HISTORICAL DISTRICT
 Areas Surveyed : Basement, Roof, Floors 1,2,3,4,4M,5,6,6M
 Block : 1130 Lot : 1 BIN : 1083846

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$3,125,000	\$292,600
Interior Architecture	\$267,600	\$112,400
Mechanical	\$125,500	\$1,712,800
Total	\$3,518,100	\$2,117,900
Priority A	\$3,125,000	\$292,600
Priority B	\$226,900	\$1,712,800
Priority C	\$166,200	\$112,400
Total	\$3,518,100	\$2,117,900

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture			\$1,700	
Interior Architecture	\$78,100	\$4,700	\$13,700	\$300,900
Mechanical	\$100,800	\$9,600	\$52,200	\$9,600
Total	\$178,900	\$14,300	\$67,500	\$310,500
Priority A			\$1,700	
Priority B	\$123,100	\$9,600	\$52,200	\$9,600
Priority C	\$55,800	\$4,700	\$13,700	\$300,900
Total	\$178,900	\$14,300	\$67,500	\$310,500



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

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
AMERICAN MUSEUM OF NATL HISTORY SECTION 8 & 8A

Asset # : 2312

Architecture	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Copper/Terne	5%			2042	**	10	\$10,500	A
Masonry: Brick	20%	Now	\$193,800	LIFE	**	5	\$17,900	A
<i>Corrosion/Rusting, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Lintels On North Facade</i>								
<i>Diagonal Cracks, Extent : Severe, Area Affected : 5%</i>								
<i>Location : Around Windows On North Facade</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : North Facade</i>								
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : North Facade</i>								
Masonry: Brick	25%			LIFE	**	5	\$22,300	A
Masonry: Granite	50%	Now	\$661,700	LIFE	**	5	\$33,500	A
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : West Facade, East Facade</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Room 21</i>								
Windows								
Wood	100%	Now	\$1,484,500	2047	**	5	\$164,200	A
<i>Air Infiltration, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Deteriorated Finish, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Thermally Inefficient, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Split/Cracked, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								

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

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
AMERICAN MUSEUM OF NATL HISTORY SECTION 8 & 8A

Asset # : 2312

Architecture	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Roof								
Built-Up (BUR)	5%			2027	**	10	\$1,700	A
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : Roof Of 8a</i>							
Slate	75%	Now	\$641,900	LIFE	**			A
	<i>Broken/Missing Elements, Extent : Severe, Area Affected : 20%</i>							
	<i>Location : Throughout</i>							
	<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>							
	<i>Location : Throughout</i>							
	<i>Loose/Miss Fasteners, Extent : Severe, Area Affected : 40%</i>							
	<i>Location : Throughout</i>							
	<i>Loose Units, Extent : Moderate, Area Affected : 25%</i>							
	<i>Location : Throughout</i>							
	<i>Worn/Eroded, Extent : Severe, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
	<i>Other Observation, Extent : Severe, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : Roof Over 100 Years Old - Long Past Material Rated Life Span.</i>							
Sloped Glazing	20%	Now	\$143,100	LIFE	**	5	\$88,200	A
	<i>Water Penetration, Extent : Severe, Area Affected : 10%</i>							
	<i>Location : Various</i>							
Interior								
Floors								
Carpet	40%	Now	\$55,800	2018	\$278,900	3	\$65,800	C
	<i>Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 5%</i>							
	<i>Location : Margaret Mead Hall, Meteorite Exhibit Hall</i>							
	<i>Worn/Eroded, Extent : Severe, Area Affected : 80%</i>							
	<i>Location : Margaret Mead Hall, Meteorite Hall, Offices</i>							
	<i>Wrinkling, Extent : Moderate, Area Affected : 40%</i>							
	<i>Location : Margaret Mead Hall, Offices</i>							
Cast in Place Concrete	14%			LIFE	**	5	\$33,600	C
Ceramic Tile	6%			2031	**	5	\$6,600	C
Mosaic Tile	10%			2027	**	5	\$27,400	C
Slate	5%			LIFE	**	5	\$5,800	C
Terrazzo	15%			LIFE	**	5	\$12,900	C
Vinyl Tile	10%			2022	\$112,400	3	\$4,100	C
	<i>Worn/Eroded, Extent : Moderate, Area Affected : 20%</i>							
	<i>Location : Offices</i>							

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

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
AMERICAN MUSEUM OF NATL HISTORY SECTION 8 & 8A

Asset # : 2312

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
Interior Walls								
Gypsum Board	50%	Now	\$49,600	LIFE	**	5	\$30,300	C
<i>Diagonal Cracks, Extent : Severe, Area Affected : 5%</i>								
<i>Location : Sixth Floor Offices</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Under Skylights</i>								
Masonry: Brick	10%	Now	\$36,900	LIFE	**			C
<i>Paint Peeling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Basement Shops</i>								
<i>Spalling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Basement Shops</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Basement Shops</i>								
Plaster	40%	Now	\$79,700	LIFE	**	5	\$12,100	C
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 5%</i>								
<i>Location : Around Door To Roof</i>								
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Throughout Offices And Collection Storage Areas, At Roof Door And Skylights, Basement</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Throughout Offices And Collection Storage Areas, Especially Severe At Roof Door</i>								
Ceilings								
AcousTile,Adhered	22%			2035	**	5	\$24,100	B
AcousTileSusp.Lay-In	13%	Now	\$10,200	2035	**	5	\$7,100	B
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : 4th Floor</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : 4th Floor</i>								
Gypsum Board	15%			LIFE	**	5	\$20,600	B
Plaster	50%	Now	\$101,400	LIFE	**	5	\$34,300	B
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout Offices, Collection Storage Areas, Skylights And Roof Door, Basement</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout Offices, Collection Storage Areas, Skylights And Roof Door</i>								

Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Utility Steam	100%			2032	**	1		B

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DEPARTMENT OF CULTURAL AFFAIRS - 126
AMERICAN MUSEUM OF NATL HISTORY SECTION 8 & 8A

Asset # : 2312

Mechanical	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Distribution								
Steam Piping/Pump	100%	0-2	\$31,400	2022	\$627,600	4	\$3,600	B
<i>Other Observation, Extent : Moderate, Area Affected : 70%</i>								
<i>Location : Basement</i>								
<i>Explanation : Steam Traps Faulty And Condensate Return Lines Corroded</i>								
Terminal Devices								
Convector/Radiator	60%	Now	\$25,500	2020	\$509,400	1	\$12,800	B
<i>Leak Evident, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
No Component	40%							D
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location : Fan Room</i>								
<i>Explanation : Covered Under A C System</i>								
Air Conditioning								
Energy Source								
District C.W.	50%			2032	**	1		B
Electricity	50%			2038	**	1		B
Conversion Equipment								
Centrifugal, Elec Chiller	50%			2031	**	1	\$39,700	B
<i>Other Observation, Extent : Light, Area Affected : 50%</i>								
<i>Location : Basement Of Section 17</i>								
<i>Explanation : Component Located In Basement Of Section 17 - Refrigerant R-134a</i>								
Window/Wall Unit	15%			2015		1	\$27,700	B
No Component	35%							D
Distribution								
Chilled Wtr Pipe/Pump	50%	Now	\$2,900	2032	**	4	\$1,800	B
<i>Insul. Deteriorating, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Transfer Cooling Tower Piping And Chilled Water Piping. Rear Yards Between Buildings</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Transfer Cooling Tower Piping And Chilled Water Piping. Back Yards Between Buildings</i>								
<i>Explanation : Heat Tracing</i>								
No Component	50%							D
Terminal Devices								
Direct Expansion	15%			2022	\$27,200	1		B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Fan Room</i>								
<i>Explanation : All Dx Systems Are Being Converted To Chilled Water System</i>								
Air Handler/Cool/Ht	50%			2022	\$124,100	1	\$22,700	B
No Component	35%							D

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DEPARTMENT OF CULTURAL AFFAIRS - 126
AMERICAN MUSEUM OF NATL HISTORY SECTION 8 & 8A

Asset # : 2312

Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Air Conditioning								
Heat Rejection								
Air Condenser Unit	15%			2017	\$17,500	2	\$7,700	B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Roof</i>								
<i>Explanation : R-22</i>								
Water Cool Tower	50%	Now	\$4,200	2023	\$83,900	2	\$29,500	B
<i>Other Observation, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Component Located Between Sections 4 And 11</i>								
<i>Explanation : 2 Units Out Of 8 Are Inoperable</i>								
No Component	35%							D
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$40,900	B
Exhaust Fans								
Interior	100%			2022	\$99,400	2	\$2,300	B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Most Of Ventilation Occurs Through Air Handlers</i>								
<i>Explanation : Fan Room</i>								
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2020	\$268,500	1		B
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		B
Storm Drain Piping								
Cast Iron	100%	0-2	\$125,500	LIFE	**	1		B
<i>Other Observation, Extent : Severe, Area Affected : 15%</i>								
<i>Location : Basement</i>								
<i>Explanation : Sewage Clogs Cause Flooding During Storms</i>								
Fixtures								
Generic	100%							B
Fire Suppression								
Standpipe								
Generic	100%			2032	**	1-5	\$37,000	B
Sprinkler								
No Component	95%							D
Generic	5%			2032	**	1-2	\$1,000	B

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Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : AMERICAN MUSEUM OF NATL HISTORY SECTION 9
 Address : W. 77TH ST. & CPW
 Borough : MANHATTAN Agency's Number : N/A
 Program / Asset # : DCA0002.009 / 2313 Yr Built/Renovated : 1922 / 2011
 Area Sq Ft : 79,679 Project Type : CULTURAL AFFAIRS
 Date of Survey : 01-Jun-2011 Landmark Status : EXTERIOR, HISTORICAL DISTRICT
 Areas Surveyed : Basement, Sub Basement, Roof, Floors 1,2,3,4,5,6
 Block : 1130 Lot : 1 BIN : 1083846

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$3,472,500	\$163,000
Interior Architecture	\$313,700	
Mechanical	\$49,600	\$1,038,700
Total	\$3,835,800	\$1,201,700
Priority A	\$3,472,500	\$163,000
Priority B	\$112,800	\$1,038,700
Priority C	\$250,600	
Total	\$3,835,800	\$1,201,700

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$20,900			
Interior Architecture	\$72,800		\$13,700	\$3,700
Mechanical	\$92,600	\$13,600	\$37,200	\$18,200
Elevators/Escalators	\$6,900	\$6,900	\$6,900	\$6,900
Total	\$193,200	\$20,500	\$57,800	\$28,800
Priority A	\$20,900			
Priority B	\$133,100	\$20,500	\$45,600	\$25,100
Priority C	\$39,200		\$12,200	\$3,700
Total	\$193,200	\$20,500	\$57,800	\$28,800



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

**DEPARTMENT OF CULTURAL AFFAIRS - 126
AMERICAN MUSEUM OF NATL HISTORY SECTION 9**

Asset # : 2313

Architecture	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	40%	Now	\$100,500	LIFE	**	5	\$36,600	A
<i>Diagonal Cracks, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : South Facade At Roof Level</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : West Facade</i>								
<i>Repairs in Progress, Extent : Light, Area Affected : 50%</i>								
<i>Location : Central Park West Facade</i>								
<i>Sidewalk Shed in Use, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Central Park West</i>								
<i>Staining/Discoloring, Extent : Severe, Area Affected : 100%</i>								
<i>Location : West Facade</i>								
Masonry: Granite	50%	Now	\$338,400	LIFE	**	5	\$34,300	A
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : West Facade, East Facade</i>								
<i>Repairs in Progress, Extent : Light, Area Affected : 50%</i>								
<i>Location : Central Park West Facade</i>								
<i>Staining/Discoloring, Extent : Severe, Area Affected : 5%</i>								
<i>Location : West Facade</i>								
Stucco Cement	10%	Now	\$6,200	2027	**	5	\$11,400	A
<i>Repairs in Progress, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : North Facade Over Canopy</i>								
Windows								
Steel	80%	Now	\$1,450,200	2047	**	5	\$126,400	A
<i>Condensation Present, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Various</i>								
<i>Corrosion/Rusting, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Deteriorated Finish, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Thermally Inefficient, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Long Past Rated Life</i>								
Wood	20%	Now	\$170,600	2047	**	5	\$25,300	A
<i>Air Infiltration, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
<i>Deteriorated Finish, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Split/Cracked, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Throughout</i>								

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**DEPARTMENT OF CULTURAL AFFAIRS - 126
AMERICAN MUSEUM OF NATL HISTORY SECTION 9**

Asset # : 2313

Architecture	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Parapets								
Masonry: Granite	10%			LIFE	**	5		A
	<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%</i>							
	<i>Location : East Facade</i>							
No Component	90%							D
Roof								
Built-Up (BUR)	5%	Now	\$5,300	2027	**			A
	<i>Ponding, Extent : Moderate, Area Affected : 5%</i>							
	<i>Location : Throughout</i>							
	<i>Vegetation Growth, Extent : Moderate, Area Affected : 5%</i>							
	<i>Location : Throughout</i>							
Copper/Terne	5%	Now	\$9,500	2037	**			A
	<i>Deformed/Dented, Extent : Moderate, Area Affected : 20%</i>							
	<i>Location : Throughout</i>							
	<i>Water Penetration, Extent : Severe, Area Affected : 50%</i>							
	<i>Location : Dormers</i>							
	<i>Other Observation, Extent : Severe, Area Affected : 30%</i>							
	<i>Location : West Side Of Roof</i>							
	<i>Explanation : Some Areas Covered With Roll Roofing.</i>							
Slate	90%	Now	\$1,412,700	LIFE	**			A
	<i>Broken/Missing Elements, Extent : Severe, Area Affected : 5%</i>							
	<i>Location : Throughout</i>							
	<i>Loose/Miss Fasteners, Extent : Severe, Area Affected : 50%</i>							
	<i>Location : Throughout</i>							
	<i>Loose Units, Extent : Severe, Area Affected : 5%</i>							
	<i>Location : Throughout</i>							
	<i>Water Penetration, Extent : Severe, Area Affected : 40%</i>							
	<i>Location : Especially Near Dormers</i>							
	<i>Other Observation, Extent : Severe, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : Roof Is 130 Years Old. Long, Long Past Rated Life.</i>							

Interior

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**DEPARTMENT OF CULTURAL AFFAIRS - 126
AMERICAN MUSEUM OF NATL HISTORY SECTION 9**

Asset # : 2313

Architecture	Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	
Interior							
Floors							
Cast in Place Concrete	10%			LIFE	**	5	\$21,300 C
Mosaic Tile	10%			2027	**	5	\$24,400 C
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
<i>Location : Various</i>							
<i>Explanation : Historic Minton Tile - Super Premium</i>							
Mosaic Tile	15%	Now	\$71,800	2027	**	5	\$18,300 C
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 10%</i>							
<i>Location : Second Floor Exhibit Area</i>							
<i>Patching Evident, Extent : Moderate, Area Affected : 10%</i>							
<i>Location : Second Floor Exhibit Area</i>							
Terrazzo	25%			LIFE	**	5	\$19,100 C
Vinyl Tile	30%	0-2	\$30,000	2027	**	3	\$11,000 C
<i>Worn/Eroded, Extent : Moderate, Area Affected : 100%</i>							
<i>Location : Basement Corridors</i>							
<i>Other Observation, Extent : Severe, Area Affected : 10%</i>							
<i>Location : Fifth Floor</i>							
<i>Explanation : 9x9 Tile</i>							
Wood	10%			2050	**	5	\$18,300 C

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**DEPARTMENT OF CULTURAL AFFAIRS - 126
AMERICAN MUSEUM OF NATL HISTORY SECTION 9**

Asset # : 2313

Architecture	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
Interior Walls								
Cast in Place Concrete	5%	Now	\$44,500	LIFE	**			C
<i>Loose/Delam Surface, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Fan Room In Sub Basement</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Sub Basement Fan Room Area</i>								
Concrete Masonry Unit	7%			LIFE	**	5	\$3,500	C
Gypsum Board	15%			LIFE	**	5	\$11,400	C
Metal Panel	3%			LIFE	**			C
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Third Floor Exhibition Area</i>								
<i>Explanation : Sliding Panels Covering Windows</i>								
Plaster	52%	Now	\$130,100	LIFE	**	5	\$19,800	C
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 15%</i>								
<i>Location : Numerous Offices</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Numerous Offices</i>								
Plaster	5%	Now	\$4,200	LIFE	**	5	\$1,900	C
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Exhibit Areas</i>								
<i>Explanation : Columns And Decorations</i>								
Plywood/Hardboard	10%			LIFE	**			C
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Third Floor Exhibition Area</i>								
<i>Explanation : Applied Aggregate Finish</i>								
Wood	3%			LIFE	**	5	\$15,200	C
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Second Floor Exhibit Area</i>								
<i>Explanation : Column Decorations And Paneling</i>								
Ceilings								
AcousTile,Adhered	15%			2035	**	5	\$14,600	B
AcousTileConcealSpLn	10%			2035	**	5	\$12,200	B
AcousTileSusp.Lay-In	3%			2027	**	5	\$2,900	B
Exposed Concrete	5%	Now	\$20,200	LIFE	**	5	\$800	B
<i>Water Penetration, Extent : Severe, Area Affected : 5%</i>								
<i>Location : Sub Basement Air Handler Area</i>								
Gypsum Board	19%			LIFE	**	5	\$23,200	B
Metal Panel	8%			LIFE	**	5	\$9,800	B
Plaster	35%	Now	\$63,100	LIFE	**	5	\$21,300	B
<i>Loose/Delam Surface, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Offices - Especially Around Dormers</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Various Offices</i>								
Plaster	5%			LIFE	**	5	\$3,000	B

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DEPARTMENT OF CULTURAL AFFAIRS - 126
AMERICAN MUSEUM OF NATL HISTORY SECTION 9

Asset # : 2313

Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating								
Energy Source								
Utility Steam	100%			2032	**	1		B
Conversion Equipment								
Pres. Reducing Valve/LP Steam	100%			2018	\$49,600	5	\$3,900	B
<i>Other Observation, Extent : Light, Area Affected : 100%</i> <i>Location : Sub Basement</i> <i>Explanation : Main District Steam Supply Valve For Entire Museum</i>								
Distribution								
Steam Piping/Pump	100%	Now	\$27,900	2032	**	4	\$3,200	B
<i>Other Observation, Extent : Moderate, Area Affected : 60%</i> <i>Location : Sub Basement And Basement</i> <i>Explanation : Steam Traps Faulty And Condensate Return Lines Corroded</i>								
Terminal Devices								
Convactor/Radiator	60%			2020	\$453,200	1	\$12,700	B
No Component	40%							D
<i>Other Observation, Extent : Light, Area Affected : 0%</i> <i>Location : Fan Room</i> <i>Explanation : Covered Under A C</i>								
Air Conditioning								
Energy Source								
District C.W.	80%			2032	**	1		B
Electricity	20%			2038	**	1		B
Conversion Equipment								
Centrifugal, Elec Chiller	75%			2035	**	1	\$53,000	B
<i>Other Observation, Extent : Light, Area Affected : 80%</i> <i>Location : Basement Of Section 17</i> <i>Explanation : Component Located In Basement Of Section 17 - Refrigerant 134a</i>								
Window/Wall Unit	20%			2015	\$32,900	1		B
No Component	5%							D
<i>Other Observation, Extent : Light, Area Affected : 0%</i> <i>Location : 2nd Floor</i> <i>Explanation : Public Area Lacking A C System</i>								
Distribution								
Chilled Wtr Pipe/Pump	80%			2032	**	4	\$3,900	B
No Component	20%							D
Terminal Devices								
Air Handler/Cool/Ht	100%			2022	\$322,700	1	\$40,400	B
Heat Rejection								
Water Cool Tower	80%	Now	\$8,700	2023	\$174,500	2	\$42,000	B
<i>Other Observation, Extent : Light, Area Affected : 5%</i> <i>Location : Component Located Between Sections 4 And 11</i> <i>Explanation : 2 Units Out Of 8 Are Inoperable</i>								
No Component	20%							D
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$36,400	B

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

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

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

**DEPARTMENT OF CULTURAL AFFAIRS - 126
AMERICAN MUSEUM OF NATL HISTORY SECTION 9**

Asset # : 2313

Mechanical	Current Repair		Future Replacement		Maintenance		Priority Code	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Ventilation								
Exhaust Fans								
Interior	100%			2022	\$88,400	2	\$2,000	B
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2027	* *	1		B
HW Heat Exchanger								
Low Temp	100%			2022	\$24,800	4	\$6,500	B
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		B
Storm Drain Piping								
Cast Iron	100%	Now	\$11,200	LIFE	* *	1		B
		<i>Other Observation, Extent : Severe, Area Affected : 20%</i>						
		<i>Location : Sub Basement, Basement</i>						
		<i>Explanation : Sewage Clogs Cause Flooding During Storms</i>						
Sump Pump(s)								
Rigid Piping	100%			2022	\$11,100	4	\$1,300	B
Fixtures								
Generic	100%							B
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			C
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : B-7, Biodiversity</i>						
		<i>Explanation : 1 Unit, #9</i>						
Fire Suppression								
Standpipe								
Generic	100%			2032	* *	1-5	\$32,900	B
Sprinkler								
No Component	95%							D
Generic	5%			2032	* *	1-2	\$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.

Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : **BRONX COUNTY HISTORICAL SOCIETY ADMINISTRATION & LIBRARY BLDG.**
 Address : **3309 BAINBRIDGE AVENUE**
 Borough : **BRONX** Agency's Number : **N/A**
 Program / Asset # : **DCA0031.000 / 3003** Yr Built/Renovated : **1923 / 1998**
 Area Sq Ft : **5,702** Project Type : **CULTURAL AFFAIRS**
 Date of Survey : **10-Mar-2010** Landmark Status : **NONE**
 Areas Surveyed : **Basement, Floors 1,2**
 Block : **3338** Lot : **54** BIN : **2018096**

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$82,600	
Mechanical		\$50,000
Total	\$82,600	\$50,000
Priority A	\$82,600	
Priority B		\$50,000
Total	\$82,600	\$50,000

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$1,800		\$900	
Interior Architecture	\$2,500	\$3,800		\$100
Electrical	\$400	\$1,100	\$500	\$400
Mechanical	\$700	\$8,800	\$600	\$600
Total	\$5,400	\$13,700	\$2,100	\$1,100
Priority A	\$1,800		\$900	
Priority B	\$1,200	\$9,800	\$1,200	\$1,100
Priority C	\$2,500	\$3,800		\$100
Total	\$5,400	\$13,700	\$2,100	\$1,100



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

DEPARTMENT OF CULTURAL AFFAIRS - 126
BRONX COUNTY HISTORICAL SOCIETY ADMINISTRATION & LIBRARY BLDG.

Asset # : 3003

Architecture	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Cement-Fiber Panel	5%	Now	\$1,800	2021	\$5,800			A
	<i>Staining/Discoloring, Extent : Moderate, Area Affected : 20%</i>							
	<i>Location : South Facade</i>							
Masonry: Brick	85%	Now	\$82,600	LIFE	**	5	\$12,400	A
	<i>Diagonal Cracks, Extent : Severe, Area Affected : 15%</i>							
	<i>Location : Chimney</i>							
	<i>Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 50%</i>							
	<i>Location : North Facade, South Facade, West Facade</i>							
	<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 15%</i>							
	<i>Location : South Facade, West Facade</i>							
	<i>Rusting Masonry Supt, Extent : Moderate, Area Affected : 25%</i>							
	<i>Location : Lintels, West Facade</i>							
	<i>Spalling, Extent : Moderate, Area Affected : 15%</i>							
	<i>Location : South Facade, West Facade</i>							
Masonry: Fieldstone	10%			LIFE	**	5	\$1,100	A
Windows								
Aluminum	100%			2037	**	5	\$1,800	A
Parapets								
Not Accessible	100%							D
Roof								
Not Accessible	100%							D
	<i>Other Observation, Extent : Light, Area Affected : 0%</i>							
	<i>Location :</i>							
	<i>Explanation : Access Door Inoperable</i>							
Interior								
Floors								
Carpet	35%			2022	\$14,400	3	\$3,700	C
	<i>Recent Replace Evident, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : First Floor</i>							
Cast in Place Concrete	10%			LIFE	**	5	\$1,500	C
Ceramic Tile	5%	Now	\$800	2030	**	5	\$200	C
	<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 10%</i>							
	<i>Location : Toilet(s)</i>							
	<i>Patching Evident, Extent : Moderate, Area Affected : 10%</i>							
	<i>Location : Toilet(s)</i>							
Vinyl Tile	10%	Now	\$700	2021	\$6,600	3	\$300	C
	<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>							
	<i>Location : Second Floor File Room</i>							
Wood	40%			2036	**	5	\$5,200	C

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

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
BRONX COUNTY HISTORICAL SOCIETY ADMINISTRATION & LIBRARY BLDG.

Asset # : 3003

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

Interior

Interior Walls

Ceramic Tile

5% Now \$1,000 2024 \$10,300 5 \$200 C
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%
Location : Kitchen

Gypsum Board

27% LIFE ** 5 \$1,100 C

Masonry: Brick

3% LIFE ** C

Plaster

65% LIFE ** 5 \$1,400 C

Ceilings

AcousTileSusp.Lay-In

25% 2034 ** 5 \$1,700 B

Plaster

75% LIFE ** 5 \$3,300 B

Electrical	Current Repair			Future Replacement		Maintenance		Priority Code
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% 2031 ** 5 \$100 B
Other Observation, Extent : Moderate, Area Affected : 100%
Location : Electrical Room
Explanation : 1 Electrical Service Rated @ 1500 Amps

Raceway

Conduit

50% 2031 ** 1 B

Conduit

50% 2021 \$10,800 1 B

Panelboards

Molded Case Bkrs

100% 2029 ** 5 \$100 B

Wiring

Thermoplastic

100% 2031 ** 1 B

Ground

Grounding Devices

Generic

100% LIFE ** 5 \$100 B
Other Observation, Extent : Moderate, Area Affected : 100%
Location : Basement
Explanation : Water Main

Lighting

Interior Lighting

Fluorescent

48% 2021 \$9,400 10 \$2,100 B
Other Observation, Extent : Moderate, Area Affected : 100%
Location : Basement
Explanation : T-12 Lamps

HID

2% 2021 \$400 10 B

Incandescent

50% 2021 \$9,800 2 \$100 B

Egress Lighting

Emergency, Battery

50% 2026 ** 10 \$600 B

Exit, Service

50% 2021 \$400 1 B

Alarm

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

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
BRONX COUNTY HISTORICAL SOCIETY ADMINISTRATION & LIBRARY BLDG.

Asset # : 3003

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

Alarm

Security System								
Generic	100%			2026	**	1	\$1,800	B
Fire/Smoke Detection								
Generic	100%			2026	**	1-3	\$2,900	B

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

Heating

Energy Source								
Natural Gas	100%			2041	**	1		B
Conversion Equipment								
Steam Boiler	100%			2034	**	1	\$4,600	B
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Basement</i>					
			<i>Explanation : 1 Unit</i>					
Distribution								
Steam Piping/Pump	100%			2031	**	4	\$300	B
Terminal Devices								
Convactor/Radiator	100%			2019	\$50,000	1	\$1,500	B

Air Conditioning

Energy Source								
Electricity	100%			2029	**	1		B
Conversion Equipment								
Window/Wall Unit	75%			2016	\$8,200	1		B
No Component	25%							D

Plumbing

H/C Water Piping								
Brass/Copper	25%			2041	**	1		B
Galv Iron/Steel	75%			2019	\$11,900	1		B
Water Heater								
Gas Fired	100%			2019	\$1,200	2	\$100	B
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		B
Fixtures								
Generic	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.

Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : BRONX COUNTY HISTORICAL SOCIETY ARCHIVE BUILDING
Address : 3313 BAINBRIDGE AVENUE
Borough : BRONX **Agency's Number** : N/A
Program / Asset # : DCA0031.010 / 4526 **Yr Built/Renovated** : 1923 / 2006
Area Sq Ft : 5,702 **Project Type** : CULTURAL AFFAIRS
Date of Survey : 10-Mar-2010 **Landmark Status** : NONE
Areas Surveyed : Basement, Floors 1,2
Block : 3338 **Lot** : 52 **BIN** : 2018094

CAPITAL

Total

Priority

Total

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$41,800			
Interior Architecture	\$16,400			
Electrical	\$4,200	\$5,100	\$400	\$300
Mechanical	\$400	\$700	\$500	\$700
Total	\$62,700	\$5,800	\$1,000	\$900
Priority A	\$41,800			
Priority B	\$6,100	\$5,800	\$1,000	\$900
Priority C	\$14,800			
Total	\$62,700	\$5,800	\$1,000	\$900



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

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
BRONX COUNTY HISTORICAL SOCIETY ARCHIVE BUILDING

Asset # : 4526

Architecture	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Cement-Fiber Panel	5%	Now	\$2,900	2026	**			A
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : South Facade</i>								
<i>Loose/Delam Surface, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : South Facade</i>								
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : South Facade</i>								
Concrete Masonry Unit	15%			LIFE	**	5	\$1,400	A
Masonry: Brick	70%	Now	\$34,000	LIFE	**	5	\$10,200	A
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 5%</i>								
<i>Location : Various Areas</i>								
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 20%</i>								
<i>Location : Various Areas</i>								
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : West, North Facades</i>								
<i>Recent Repair Evident, Extent : Light, Area Affected : 5%</i>								
<i>Location : West Facade</i>								
Masonry: Fieldstone	10%			LIFE	**	5	\$1,100	A
Windows								
Aluminum	100%	Now	\$4,400	2037	**	5	\$900	A
<i>Water Penetration, Extent : Severe, Area Affected : 5%</i>								
<i>Location : Second Floor East</i>								
Parapets								
Cast Stone/Terra Cotta	3%			LIFE	**	5	\$300	A
Concrete Masonry Unit	15%			LIFE	**	5	\$200	A
Masonry: Brick	80%			LIFE	**	5	\$1,200	A
Masonry: Limestone	2%			LIFE	**	5		A
Roof								
Modified Bitumen	85%			2021		10	\$3,000	A
Roll Roofing	15%			2020		5	\$900	A
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	**	5	\$1,500	C
Ceramic Tile	5%			2030	**	5	\$400	C
Steel Grating	10%			2041	**	1		C
Vinyl Tile	5%			2026	**	3	\$100	C
Wood	70%	Now	\$5,200	2036	**	5	\$4,600	C
<i>Split/Cracked, Extent : Light, Area Affected : 5%</i>								
<i>Location : Various Areas</i>								
<i>Uneven Surface, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 80%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Floors Are Sloping</i>								

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

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
BRONX COUNTY HISTORICAL SOCIETY ARCHIVE BUILDING

Asset # : 4526

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
Interior Walls								
Ceramic Tile	5%			2024	\$10,300	5	\$400	C
Concrete Masonry Unit	10%			LIFE	**	5	\$300	C
Gypsum Board	65%	Now	\$4,100	LIFE	**	5	\$2,700	C
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Second Floor East</i>								
Masonry: Fieldstone	15%	Now	\$5,300	LIFE	**			C
<i>Other Observation, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Storage Rooms - Basement</i>								
<i>Explanation : Horizontal Cracks, Water Penetration</i>								
Plaster	5%			LIFE	**	5	\$100	C
Ceilings								
Exposed Struc: Steel	10%			LIFE	**			B
Gypsum Board	90%	Now	\$1,600	LIFE	**	5	\$7,900	B
<i>Water Penetration, Extent : Light, Area Affected : 5%</i>								
<i>Location : Basement File Room</i>								

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
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%			2041	**	5		B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : 1 Electrical Service Rated @ 100 Amps</i>								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2041	**	5	\$100	B
Raceway								
Conduit	80%			2041	**	1		B
Conduit	20%			2021	\$4,300	1		B
Panelboards								
Molded Case Bkrs	100%			2037	**	5	\$100	B
Wiring								
Braided Cloth	20%	2-4	\$3,000	2046	**	1		B
<i>Insulation Aged, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
Thermoplastic	80%			2041	**	1		B
Ground								
Grounding Devices								
Generic	100%	Now	\$900	LIFE	**	5	\$100	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : Covered With Paint</i>								

Lighting

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

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
BRONX COUNTY HISTORICAL SOCIETY ARCHIVE BUILDING

Asset # : 4526

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Lighting								
Interior Lighting								
Fluorescent	98%			2026	**	10	\$4,200	B
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Throughout The Building</i>						
		<i>Explanation : T-12 Lamps</i>						
HID	2%			2026	**	10		B
Egress Lighting								
Emergency, Battery	50%			2026	**	10	\$600	B
Exit, Service	50%			2026	**	1		B
Alarm								
Fire/Smoke Detection								
Generic	100%			2026	**	1-3	\$2,900	B
Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Electricity	30%			2031	**	1		B
Natural Gas	70%			2047	**	1		B
Conversion Equipment								
Heat Pump	30%			2022	\$5,500	2	\$400	B
		<i>Other Observation, Extent : Light, Area Affected : 30%</i>						
		<i>Location : New Addition Area</i>						
		<i>Explanation : 1 Unit</i>						
Hot Water Boiler	70%			2038	**	1	\$1,600	B
		<i>Other Observation, Extent : Light, Area Affected : 70%</i>						
		<i>Location : Basement</i>						
		<i>Explanation : 1 Unit</i>						
Distribution								
Ductwork/Diffusers	30%			LIFE	**	2-5	\$800	B
Hot Wtr Piping/Pump	70%			2029	**	4	\$200	B
Terminal Devices								
Convactor/Radiator	70%			2019	\$35,000	1	\$1,100	B
Induction Unit	30%			2030	**	1	\$500	B
Air Conditioning								
Energy Source								
Electricity	100%			2029	**	1		B
Conversion Equipment								
Heat Pump	30%			2022	\$100	2	\$100	B
No Component	70%							D
Terminal Devices								
Induction Unit	30%			2026	**	1	\$500	B
No Component	70%							D

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

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

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

**DEPARTMENT OF CULTURAL AFFAIRS - 126
BRONX COUNTY HISTORICAL SOCIETY ARCHIVE BUILDING**

Asset # : 4526

Mechanical	Current Repair		Future Replacement		Maintenance		Priority Code	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)		Estimated Cost
Air Conditioning								
Heat Rejection								
Evap Condenser	30%			2026	* *	2	\$1,000	B
No Component	70%							D
Plumbing								
H/C Water Piping								
Brass/Copper	20%			2047	* *	1		B
Galv Iron/Steel	80%			2019	\$12,600	1		B
Water Heater								
Gas Fired	100%			2020	\$1,200	2	\$100	B
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		B
Fixtures								
Generic	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.*

Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : BRONX MUSEUM OF THE ARTS
Address : 1040 GRAND CONCOURSE @E. 165 STREET
Borough : BRONX **Agency's Number** : N/A
Program / Asset # : DCA0023.000 / 2368 **Yr Built/Renovated** : 1960 / 2005
Area Sq Ft : 51,292 **Project Type** : CULTURAL AFFAIRS
Date of Survey : 17-Oct-2008 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1,2,3,PH
Block : 2462 **Lot** : 1 **BIN** : 2002826

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Exterior Architecture		\$134,700
Interior Architecture		\$148,900
Electrical		\$87,800
Mechanical		\$64,600
Total		\$436,000
Priority A		\$134,700
Priority B		\$152,400
Priority C		\$148,900
Total		\$436,000

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$88,300	\$33,400	\$2,900	\$23,500
Interior Architecture	\$74,900	\$2,400	\$5,000	\$16,500
Electrical	\$5,400	\$200	\$200	\$4,300
Mechanical	\$7,500	\$10,500	\$12,700	\$22,900
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$180,100	\$50,300	\$24,800	\$71,200
Priority A	\$88,300	\$33,400	\$2,900	\$23,500
Priority B	\$50,900	\$14,600	\$19,900	\$31,100
Priority C	\$40,900	\$2,400	\$2,000	\$16,500
Total	\$180,100	\$50,300	\$24,800	\$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.

DEPARTMENT OF CULTURAL AFFAIRS - 126
BRONX MUSEUM OF THE ARTS
Asset # : 2368

Architecture	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Concrete Masonry Unit	15%	Now	\$22,300	LIFE	**	5	\$4,000	A
<i>Water Penetration, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Above East Facade Windows Of 2005 Wing</i>								
<i>Weepholes Not Funct, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : East Facade Of 2005 Wing</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : East Facade Of 2005 Wing</i>								
<i>Explanation : Efflorescence</i>								
Masonry: Brick	25%			LIFE	**	5	\$10,700	A
Metal Panel	30%			2040	**	5-10	\$88,600	A
Metal Panel	12%			2046	**	5-10	\$35,400	A
Granite Panels	5%			LIFE	**	5	\$1,600	A
Window Wall	10%			2040	**	5	\$16,100	A
Window Wall	3%			2046	**	5	\$4,800	A
Windows								
Aluminum	70%			2036	**	5	\$3,800	A
Aluminum	30%	Now	\$1,600	2042	**	5	\$800	A
<i>Glazing Broken/Cracked, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Window At West Facade Of 2005 Wing</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : East Facade Windows Of 2005 Wing</i>								
Parapets								
Concrete Masonry Unit	10%			LIFE	**	5	\$1,000	A
Masonry: Brick	33%			LIFE	**	5	\$2,800	A
Masonry: Limestone	2%			LIFE	**	5	\$200	A
Metal Panel	25%			2040	**	5	\$8,200	A
Metal Panel	20%			2046	**	5	\$6,600	A
Metal: Cage/Fence	5%			2033	**	5-10	\$3,300	A
Granite Panels	5%			LIFE	**	5	\$500	A
Roof								
Built-Up (BUR)	40%			2025	**	10	\$21,100	A
Built-Up (BUR)	15%			2028	**	10	\$7,900	A
Metal Panel	5%	Now	\$7,100	2025	**			A
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Bulkhead At East Side</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Over Stair At East Side</i>								
Metal Panel	3%			2037	**	10	\$2,900	A
Single Ply Membrane	27%			2028	**	10	\$14,200	A
<i>Other Observation, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : 2005 Wing</i>								
<i>Explanation : Concrete Pavers Over Membrane</i>								
Sloped Glazing	10%			LIFE	**	5	\$70,300	A
<i>Water Penetration, Extent : Light, Area Affected : 5%</i>								
<i>Location : Lobby</i>								
Interior								

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

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
BRONX MUSEUM OF THE ARTS
Asset # : 2368

Architecture	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
Floors								
Carpet	5%			2019	\$18,500	3	\$4,700	C
Carpet	3%	0-2	\$11,100	2022	\$11,100	3	\$2,800	C
	<i>Worn/Eroded, Extent : Moderate, Area Affected : 50%</i>							
	<i>Location : First Floor Office</i>							
	<i>Wrinkling, Extent : Severe, Area Affected : 50%</i>							
	<i>Location : First Floor Office</i>							
Cast in Place Concrete	18%			LIFE	**	5	\$24,700	C
	<i>Horizontal Cracks, Extent : Light, Area Affected : 5%</i>							
	<i>Location : First Floor Of 2005 Wing</i>							
Ceramic Tile	4%			2029	**	5	\$2,500	C
Terrazzo	5%			LIFE	**	5	\$2,500	C
Vinyl Tile	5%	0-2	\$29,800	2030	**	3	\$1,200	C
	<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 25%</i>							
	<i>Location : First Floor Near Boiler Area</i>							
	<i>Worn/Eroded, Extent : Moderate, Area Affected : 25%</i>							
	<i>Location : First Floor Near Boiler Area</i>							
Vinyl Tile	25%			2020	\$148,900	3	\$5,900	C
Vinyl Tile	10%			2028	**	3	\$2,400	C
Wood	25%			2048	**	5	\$29,400	C
Interior Walls								
Ceramic Tile	2%			2033	**	5	\$900	C
Concrete Masonry Unit	5%			LIFE	**	5	\$900	C
Gypsum Board	45%			LIFE	**	5	\$12,600	C
Gypsum Board	23%			LIFE	**	5	\$6,400	C
Masonry: Brick	5%			LIFE	**			C
Plaster	15%			LIFE	**	5	\$2,100	C
SGFT/Glazed Masonry	5%			LIFE	**			C

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DEPARTMENT OF CULTURAL AFFAIRS - 126
BRONX MUSEUM OF THE ARTS
Asset # : 2368

Architecture		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Interior								
Ceilings								
AcousTileConcealSpLn	20%			2025	**	5	\$15,200	B
AcousTileConcealSpLn	5%	0-2	\$23,400	2040	**	5	\$1,900	B
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : First Floor Office</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : First Floor Office</i>								
AcousTileSusp.Lay-In	10%			2025	**	5	\$6,100	B
AcousTileSusp.Lay-In	10%			2037	**	5	\$6,100	B
Exposed Concrete	5%			LIFE	**	5	\$500	B
Gypsum Board	10%			LIFE	**	5	\$7,600	B
Gypsum Board	20%			LIFE	**	5	\$15,200	B
<i>Cracking/Crumbling, Extent : Light, Area Affected : 2%</i>								
<i>Location : East Windows Of Education Room(2005) Wing</i>								
<i>Water Penetration, Extent : Light, Area Affected : 5%</i>								
<i>Location : East Windows Of Education Room(2005 Wing)</i>								
Plaster	20%			LIFE	**	5	\$7,600	B
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : East Stair</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : East Stair</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 Code
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2030	**	5	\$100	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Old Electrical Room</i>								
<i>Explanation : Main Service Protector Rated @ 1200 Amperes.</i>								
Fused Disc Sw	50%			2046	**	5	\$100	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : New Electrical Room</i>								
<i>Explanation : Main Service Protector Rated @ 2000 Amperes.</i>								
Switchgear / Switchboard								
Fused Disc Sw	25%			2030	**	5		B
Fused Disc Sw	50%			2046	**	5	\$100	B
Molded Case Bkrs	25%			2030	**	5	\$300	B
Raceway								
Conduit	70%			2030	**	1		B
Conduit	30%			2046	**	1		B
Panelboards								
Molded Case Bkrs	70%			2028	**	5	\$800	B
Molded Case Bkrs	30%			2042	**	5	\$300	B

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DEPARTMENT OF CULTURAL AFFAIRS - 126
BRONX MUSEUM OF THE ARTS
Asset # : 2368

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Wiring								
Thermoplastic	70%			2030	**	1		B
Thermoplastic	30%			2046	**	1		B
Motor Controllers								
Locally Mounted	70%			2025	**	5	\$200	B
Locally Mounted	30%			2037	**	5	\$100	B
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$600	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : Metal Water Pipe</i>								
Lighting								
Interior Lighting								
Fluorescent	50%			2020	\$87,800	10	\$19,200	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Old Building</i>								
<i>Explanation : T12 Lamps</i>								
Fluorescent	10%			2028	**	10	\$3,800	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : New Building</i>								
<i>Explanation : T-8 Lamps</i>								
HID	1%			2020	\$1,700	10		B
Incandescent	39%			2028	**	2	\$400	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Galleries</i>								
<i>Explanation : Track Lights.</i>								
Egress Lighting								
Emergency, Battery	50%			2025	**	10	\$5,100	B
Exit, Service	50%			2025	**	1		B

Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Natural Gas	100%			2040	**	1		B
Conversion Equipment								
Furnace	20%			2020	\$11,600	1	\$4,200	B
Hot Water Boiler	40%			2025	**	1	\$8,300	B
Steam Boiler	40%			2040	**	1	\$16,600	B
Distribution								
Ductwork/Diffusers	60%			LIFE	**	2-5	\$14,000	B
Hot Wtr Piping/Pump	40%			2028	**	4	\$1,200	B

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DEPARTMENT OF CULTURAL AFFAIRS - 126
BRONX MUSEUM OF THE ARTS
Asset # : 2368

Mechanical	Current Repair		Future Replacement		Maintenance		Priority Code	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)		Estimated Cost
Heating								
Terminal Devices								
Air Handler	75%			2025	**	1	\$19,500	B
Convactor/Radiator	25%			2033	**	1	\$3,400	B
Air Conditioning								
Energy Source								
Electricity	100%			2036	**	1		B
Conversion Equipment								
Reciprocating Compr/Chiller	40%			2020	\$64,600	1	\$7,800	B
Ext Pkg Unit - Heating/Cooling	60%			2028	**	2	\$1,600	B
Distribution								
Chilled Wtr Pipe/Pump	40%			2030	**	4	\$800	B
No Component	60%							D
Terminal Devices								
Air Handler/Cool/Ht	40%			2025	**	1	\$10,400	B
No Component	60%							D
Heat Rejection								
Air Condenser Unit	20%			2020	\$19,000	2	\$5,900	B
Evap Condenser	20%			2020	\$7,800	2	\$5,900	B
No Component	60%							D
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$23,400	B
Exhaust Fans								
Roof	100%			2025	**	2	\$1,300	B
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2033	**	1		B
Water Heater								
Gas Fired	100%			2018	\$11,100	2	\$600	B
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		B
Storm Drain Piping								
Cast Iron	100%			LIFE	**	1		B
Sump Pump(s)								
Rigid Piping	100%			2030	**	4	\$1,300	B
Sewage Ejector(s)								
Electric	100%			2030	**	4	\$1,300	B
Backflow Preventer								
Generic	100%			2030	**	1	\$2,600	B
Fixtures								
Generic	100%							B
Vertical Transport								

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DEPARTMENT OF CULTURAL AFFAIRS - 126
BRONX MUSEUM OF THE ARTS
Asset # : 2368

Mechanical	Current Repair		Future Replacement		Maintenance		Priority Code	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Vertical Transport Elevators Hydraulic	100%			LIFE		* *		C
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : B,1-2</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 : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : BRONX ZOO ANIMAL COMMISSARY BARN
Address : BRONX RIVER PKWY & FORDHAM RD
Borough : BRONX **Agency's Number** : N/A
Program / Asset # : DCA0005.500 / 2188 **Yr Built/Renovated** : 1935 /
Area Sq Ft : 6,375 **Project Type** : CULTURAL AFFAIRS
Date of Survey : 17-Apr-2012 **Landmark Status** : NONE
Areas Surveyed : Roof, Floors 1,2
Block : 3120 **Lot** : 20 **BIN** :

CAPITAL

Total
 Priority
Total

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture		\$2,100		\$900
Interior Architecture				\$1,300
Electrical				\$8,300
Mechanical				
Total		\$2,100	\$100	\$10,400
Priority A		\$2,100		\$900
Priority B			\$100	\$8,300
Priority C				\$1,300
Total		\$2,100	\$100	\$10,400



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

DEPARTMENT OF CULTURAL AFFAIRS - 126
BRONX ZOO ANIMAL COMMISSARY BARN
Asset # : 2188

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost		
Exterior									
Exterior Walls									
Cast in Place Concrete	5%			LIFE	**	5	\$1,400	A	
Masonry: Brick	85%			LIFE	**	5	\$4,800	A	
Metal Sect. OHD	10%			2028	**	5	\$1,800	A	
Windows									
Wood	100%			2031	**	5	\$4,200	A	
Roof									
Asphalt Shingle	100%			2032	**	10	\$800	A	
Interior									
Floors									
Cast in Place Concrete	50%			LIFE	**	5	\$3,000	C	
Wood	50%			2038	**	5	\$2,600	C	
Interior Walls									
Wood	100%			LIFE	**	5	\$13,200	C	
Ceilings									
Exposed Struc: Wood	100%			LIFE	**			B	
Electrical									
System Component Type		% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts									
Service Equipment									
Fused Disc Sw	100%			2023	\$1,000	5		B	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>									
<i>Location : Basement</i>									
<i>Explanation : One 200 Amps Main Disconnect Switch</i>									
Raceway									
Conduit	50%			2023	\$10,800	1		B	
Conduit	50%			2043	**	1		B	
Panelboards									
Fused Disc Sw	5%			2022	\$600	5		B	
Molded Case Bkrs	65%			2022	\$7,300	5	\$100	B	
Molded Case Bkrs	30%			2039	**	5		B	
Wiring									
Thermoplastic	70%			2023	\$10,500	1		B	
Thermoplastic	30%			2043	**	1		B	
Ground									
Grounding Devices									
Not Accessible	100%							D	
Lighting									

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
BRONX ZOO ANIMAL COMMISSARY BARN
Asset # : 2188

Electrical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Lighting								
Interior Lighting Fluorescent	70%			2028	* *	10	\$3,300	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : T-12 Lamps</i>								
Fluorescent	30%			2018	\$3,500	10	\$1,400	B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : T-12 Lamps</i>								
Exterior Lighting HID	100%			2028	* *	10		B

Mechanical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Ventilation								
Exhaust Fans Wall Unit	100%			2023	\$9,000	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.

Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : BRONX ZOO ANIMAL HOLDING - SHELTER BLDG.
Address : BRONX RIVER PKWY & FORDHAM RD
Borough : BRONX **Agency's Number** : N/A
Program / Asset # : DCA0005.980 / 2809 **Yr Built/Renovated** : 1977 / 2011
Area Sq Ft : 18,100 **Project Type** : CULTURAL AFFAIRS
Date of Survey : 16-Apr-2012 **Landmark Status** : NONE
Areas Surveyed : Roof, Floors 1
Block : 3120 **Lot** : 20 **BIN** : 2116670

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$76,100	\$60,500
Interior Architecture		\$45,300
Electrical	\$174,000	
Total	\$250,100	\$105,800
Priority A	\$76,100	\$60,500
Priority B	\$174,000	
Priority C		\$45,300
Total	\$250,100	\$105,800

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$7,200			\$6,500
Interior Architecture		\$300		\$1,200
Electrical	\$3,200	\$3,100	\$2,200	\$54,200
Mechanical	\$2,700	\$2,000	\$4,300	\$7,900
Total	\$13,100	\$5,500	\$6,500	\$69,800
Priority A	\$7,200			\$6,500
Priority B	\$5,900	\$5,200	\$6,500	\$62,100
Priority C		\$300		\$1,200
Total	\$13,100	\$5,500	\$6,500	\$69,800



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.

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

**DEPARTMENT OF CULTURAL AFFAIRS - 126
BRONX ZOO ANIMAL HOLDING - SHELTER BLDG.**

Asset # : 2809

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
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	15%			LIFE	**	5	\$25,900	A
Concrete Masonry Unit	3%	Now	\$7,200	LIFE	**	5	\$600	A
<i>Vertical Cracks, Extent : Severe, Area Affected : 15%</i>								
<i>Location : Chimney</i>								
Metal Coiling Doors	12%			2028	**	5	\$13,000	A
Wood	70%	0-2	\$76,100	2036	**	5	\$60,500	A
<i>Split/Cracked, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Roof								
Single Ply Membrane	95%			2031	**	10	\$30,200	A
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout, 2011</i>								
Skylight, Metal/Glass	5%			2043	**	10	\$5,300	A
<i>Recent Repair Evident, Extent : Light, Area Affected : 25%</i>								
<i>Location : Throughout, 2011</i>								
Interior								
Floors								
Cast in Place Concrete	90%			LIFE	**	5	\$45,300	C
Ceramic Tile	3%			2026	**	5	\$700	C
Quarry Tile	7%			2028	**	5	\$2,400	C
Interior Walls								
Concrete Masonry Unit	75%			LIFE	**	5	\$9,400	C
Glass: Single Pane	5%			LIFE	**	5	\$1,200	C
Plaster	20%			LIFE	**	5	\$1,900	C
Ceilings								
Exposed Struc: Wood	85%			LIFE	**			B
Plaster	15%			LIFE	**	5	\$2,200	B

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Over 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2023	\$33,400	3	\$100	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Outside</i>								
<i>Explanation : One 600 Amps Main Disconnect Switch</i>								
Transformers								
Dry Type	100%			2021	\$33,300	3	\$100	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Outside</i>								
<i>Explanation : One 50 Kva, 460hv-480/277lv</i>								
Feeders								
Cable	100%			2022	\$1,000	1		B

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**DEPARTMENT OF CULTURAL AFFAIRS - 126
BRONX ZOO ANIMAL HOLDING - SHELTER BLDG.**

Asset # : 2809

Electrical	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Over 600 Volts								
Raceway								
Conduit	100%			2023	\$3,500	1		B
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2023	\$1,000	5	\$100	B
			<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>					
			<i>Location : Electrical Room</i>					
			<i>Explanation : One 800 Amps Main Disconnect Switch</i>					
Transformers								
Dry Type	100%			2021	\$13,900	5	\$100	B
			<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>					
			<i>Location : Electrical Room</i>					
			<i>Explanation : 112.5 Kva, 480hv-208/120lv</i>					
Switchgear / Switchboard								
Fused Disc Sw	100%			2023	\$19,800	5	\$100	B
Raceway								
Conduit	80%			2023	\$17,200	1		B
Conduit	20%			2033	* *	1		B
Panelboards								
Fused Disc Sw	15%			2022	\$1,700	5	\$100	B
Molded Case Bkrs	85%			2022	\$9,500	5	\$300	B
Wiring								
Thermoplastic	20%			2033	* *	1		B
Thermoplastic	80%			2023	\$12,000	1		B
Motor Controllers								
Locally Mounted	40%			2021	\$3,400	5		B
Motor Control Center	60%			2021	\$5,100	5	\$200	B
Ground								
Grounding Devices								
Generic	100%	0-2	\$900	LIFE	* *	5	\$200	B
			<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>					
			<i>Location : Water Main</i>					
			<i>Explanation : Corroded</i>					
Stand-by Power								
Transfer Switches								
Automatic	100%			2028	* *	1	\$4,600	B
Generators								
Diesel	100%			2026	* *	1	\$5,700	B
			<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>					
			<i>Location : Outside The Building</i>					
			<i>Explanation : One 125 Kw</i>					
Batteries								
Lead/Acid	100%			2016	\$600	5	\$500	B

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

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

**DEPARTMENT OF CULTURAL AFFAIRS - 126
BRONX ZOO ANIMAL HOLDING - SHELTER BLDG.**

Asset # : 2809

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Stand-by Power								
Fuel Storage								
Main Tank	100%			2038	* *	5	\$500	B
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Outside</i>							
	<i>Explanation : One 10,000 Gals</i>							
Lighting								
Interior Lighting								
Fluorescent	95%			2018	\$32,300	10	\$13,400	B
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Throughout The Building</i>							
	<i>Explanation : T-12 Lamps</i>							
Incandescent	5%			2018	\$1,700	2		B
Egress Lighting								
Emergency, Service	40%			2018	\$1,000	1		B
Emergency, Battery	10%			2018	\$600	10	\$400	B
Exit, Service	50%			2018	\$1,300	1		B
Exterior Lighting								
HID	100%			2018	\$900	10		B
Alarm								
Security System								
No Component	70%							D
Generic	30%			2023	\$15,200	1	\$1,700	B
Fire/Smoke Detection								
Generic	100%			2018	\$174,000	1-3	\$9,400	B
Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Fuel Oil No 2	100%			2043	* *	5	\$4,800	B
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Yard</i>							
	<i>Explanation : (1) 10,000 Gallon Tank</i>							
Conversion Equipment								
Hot Water Boiler	100%			2028	* *	1	\$7,600	B
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Basement</i>							
	<i>Explanation : (2) #2 Oil Burning Hot Water Boilers</i>							
Distribution								
Hot Wtr Piping/Pump	100%			2031	* *	4	\$1,100	B
Terminal Devices								
Air Handler	100%			2028	* *	1	\$9,500	B
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		B

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**DEPARTMENT OF CULTURAL AFFAIRS - 126
BRONX ZOO ANIMAL HOLDING - SHELTER BLDG.**

Asset # : 2809

Mechanical	Current Repair		Future Replacement		Maintenance		Priority Code	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Air Conditioning								
Conversion Equipment								
Window/Wall Unit	2%			2018	\$700	1		B
No Component	98%							D
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$8,600	B
Exhaust Fans								
Interior	50%			2023	\$11,500	2	\$200	B
Roof	30%			2028	* *	2	\$100	B
Roof	20%			2018	\$2,800	2	\$100	B
				<i>On Extended Life, Extent : Moderate, Area Affected : 100%</i>				
				<i>Location : Roof</i>				
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2043	* *	1		B
Galv Iron/Steel	20%			2028	* *	1		B
HW Heat Exchanger								
Low Temp	100%			2033	* *	4	\$1,500	B
				<i>Other Observation, Extent : Light, Area Affected : 100%</i>				
				<i>Location : Boiler Room</i>				
				<i>Explanation : Domestic Hot Water Tank With Hot Water Coil</i>				
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		B
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		B
Fixtures								
Generic	100%							B
Fire Suppression								
Sprinkler								
Generic	100%			2033	* *	1-2	\$4,300	B

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Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : BRONX ZOO ANIMAL HOSPITAL-#12
Address : BRONX RIVER PKWY & FORDHAM RD
Borough : BRONX **Agency's Number** : N/A
Program / Asset # : DCA0005.120 / 2348 **Yr Built/Renovated** : 1985 / 2008
Area Sq Ft : 25,946 **Project Type** : CULTURAL AFFAIRS
Date of Survey : 03-Apr-2012 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1,2
Block : 3120 **Lot** : 20 **BIN** : 2116671

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Exterior Architecture		\$118,700
Electrical		\$36,500
Mechanical		\$247,800
Total		\$403,000
Priority A		\$118,700
Priority B		\$284,300
Total		\$403,000

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$20,100	\$1,100		\$17,700
Interior Architecture	\$35,400	\$15,200		
Electrical	\$2,700	\$4,900	\$2,700	\$3,900
Mechanical	\$12,500	\$6,000	\$10,400	\$6,000
Total	\$70,700	\$27,200	\$13,100	\$27,500
Priority A	\$20,100	\$1,100		\$17,700
Priority B	\$16,200	\$21,600	\$13,100	\$9,900
Priority C	\$34,400	\$4,500		
Total	\$70,700	\$27,200	\$13,100	\$27,500



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

DEPARTMENT OF CULTURAL AFFAIRS - 126
BRONX ZOO ANIMAL HOSPITAL-#12
Asset # : 2348

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	88%			LIFE	**	5	\$62,400	A
Metal Coiling Doors	2%			2028	**	5	\$4,400	A
Metal: Cage/Fence	8%			2028	**	5	\$24,800	A
Window Wall	2%	Now	\$7,800	2043	**	5	\$2,700	A
<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Over Entrance At East Facade</i>								
Windows								
Aluminum	90%			2031	**	5	\$900	A
Metal Louvers	10%			2026	**	10	\$600	A
Parapets								
Masonry: Brick	90%			LIFE	**	5	\$4,200	A
Pre-Cast Concrete	10%			LIFE	**	5	\$3,000	A
Roof								
IRMA/Protected Membrane	20%			2023	\$56,200	10	\$6,100	A
Metal Panel	60%	0-2	\$12,300	2028	**			A
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout Sloped Roof</i>								
Modified Bitumen	5%			2023	\$10,900	10	\$1,500	A
Single Ply Membrane	10%			2028	**	10	\$3,000	A
Skylight, Metal/Glass	5%			2033	**	10	\$5,100	A
Interior								
Floors								
Carpet	20%			2019	\$38,800	3	\$9,900	C
Cast in Place Concrete	40%			LIFE	**	5	\$28,800	C
Quarry Tile	5%			2036	**	5	\$2,500	C
Terrazzo	35%	0-2	\$34,400	LIFE	**	5	\$9,000	C
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Along The Corridor Edges, 2nd Floor Corridor</i>								
Interior Walls								
Concrete Masonry Unit	70%			LIFE	**	5	\$12,600	C
Glass: Single Pane	5%			LIFE	**	5	\$1,700	C
Gypsum Board	20%			LIFE	**	5	\$5,400	C
Plywood/Hardboard	5%			LIFE	**			C
Ceilings								
AcousTileSusp.Lay-In	65%			2036	**	5	\$21,400	B
Exposed Concrete	10%			LIFE	**	5	\$500	B
Gypsum Board	20%			LIFE	**	5	\$8,200	B
Gypsum Board	5%	0-2	\$1,000	LIFE	**	5	\$2,100	B
<i>Water Penetration, Extent : Light, Area Affected : 5%</i>								
<i>Location : Field Veterinarian Office</i>								

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

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DEPARTMENT OF CULTURAL AFFAIRS - 126
BRONX ZOO ANIMAL HOSPITAL-#12
Asset # : 2348

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Over 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2033	**	3		B
Fused Disc Sw	50%			2049	**	3		B
Transformers								
Dry Type	50%			2028	**	3	\$100	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : One 225 Kva, 4160hv-480/277lv</i>								
Dry Type	50%			2040	**	3	\$100	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Outside The Building</i>								
<i>Explanation : 1000 Kva, 4160hv-480/277lv</i>								
Feeders								
Cable	50%			2031	**	1		B
Cable	50%			2045	**	1		B
Raceway								
Conduit	50%			2033	**	1		B
Conduit	50%			2049	**	1		B
Under 600 Volts								
Service Equipment								
Air Circuit Breaker	30%			2033	**	5		B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : One 400 Amps Main Disconnect Switch</i>								
Fused Disc Sw	35%			2033	**	5		B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : One 800 Amps Main Disconnect Switch</i>								
Fused Disc Sw	35%			2033	**	5		B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : One 600 Amps Main Disconnect Switch</i>								
Transformers								
Dry Type	35%			2028	**	5		B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : One 75 Kva, 480hv-208/120lv</i>								
Dry Type	35%			2028	**	5		B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : One 30 Kva, 480hv-208/120lv</i>								
Dry Type	30%			2028	**	5		B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Mechanical Room</i>								
<i>Explanation : One 30 Kva, 480hv-208/120lv</i>								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2033	**	5	\$600	B

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Estimates are rounded to the nearest hundred dollars.

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DEPARTMENT OF CULTURAL AFFAIRS - 126
BRONX ZOO ANIMAL HOSPITAL-#12
Asset # : 2348

Electrical	Current Repair		Future Replacement		Maintenance		Priority Code	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)		Estimated Cost
Under 600 Volts								
Raceway								
Conduit	95%			2033	**	1		B
Conduit	5%			2043	**	1		B
Panelboards								
Fused Disc Sw	10%			2031	**	5	\$100	B
Molded Case Bkrs	85%			2031	**	5	\$500	B
Molded Case Bkrs	5%			2045	**	5		B
Wiring								
Thermoplastic	93%			2033	**	1		B
Thermoplastic	5%			2043	**	1		B
Thermoplastic	2%			2049	**	1		B
Motor Controllers								
Locally Mounted	50%			2028	**	5	\$100	B
Motor Control Center	50%			2028	**	5	\$300	B
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$300	B
Stand-by Power								
Transfer Switches								
Automatic	50%			2040	**	1	\$3,300	B
Automatic	50%			2028	**	1	\$3,300	B
Generators								
Diesel	50%			2026	**	1	\$4,100	B
			<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>					
			<i>Location : Outside The Building</i>					
			<i>Explanation : One 53.6 Kw</i>					
Diesel	50%			2036	**	1	\$4,100	B
			<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>					
			<i>Location : Outside</i>					
			<i>Explanation : One 610 Kw</i>					
Batteries								
Lead/Acid	50%			2018		5	\$400	B
Lead/Acid	50%			2016		5	\$400	B
Fuel Storage								
Day Tank	50%			2031	**	5	\$2,000	B
			<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>					
			<i>Location : Generator Room</i>					
			<i>Explanation : One 55 Gals</i>					
Main Tank	50%			2058	**	5	\$300	B
			<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>					
			<i>Location : Outside</i>					
			<i>Explanation : One 1086 Gals</i>					
Lighting								

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DEPARTMENT OF CULTURAL AFFAIRS - 126
BRONX ZOO ANIMAL HOSPITAL-#12
Asset # : 2348

Electrical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Lighting								
Interior Lighting								
Fluorescent	20%			2031	**	10	\$4,000	B
Fluorescent	75%			2023	\$36,500	10	\$15,100	B
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Throughout The Building</i>							
	<i>Explanation : T-12 Lamps</i>							
Fluorescent	2%			2031	**	10	\$400	B
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Morgue Room</i>							
	<i>Explanation : T-5 Lamps</i>							
Under Construction	3%							D
Egress Lighting								
Emergency, Service	20%			2031	**	1		B
Emergency, Battery	30%			2023	\$2,700	10	\$1,600	B
Exit, Service	50%			2023	\$1,800	1		B
Exterior Lighting								
HID	70%			2023	\$900	10		B
Incandescent	30%			2023	\$1,400	2		B
Alarm								
Fire/Smoke Detection								
Generic	100%			2028	**	1-3	\$13,100	B
Mechanical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating								
Energy Source								
Natural Gas	100%			2033	**	1		B
Conversion Equipment								
Hot Water Boiler	100%			2028	**	1	\$10,900	B
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : 2nd Floor M E R</i>							
	<i>Explanation : 1 Unit</i>							
Distribution								
Hot Wtr Piping/Pump	100%			2031	**	4	\$1,600	B
Terminal Devices								
Air Handler	85%			2023	\$114,500	1	\$11,600	B
Convactor/Radiator	15%			2028	**	1	\$1,100	B
Air Conditioning								
Energy Source								
Electricity	25%			2031	**	1		B
Natural Gas	75%			2049	**	1		B

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DEPARTMENT OF CULTURAL AFFAIRS - 126
BRONX ZOO ANIMAL HOSPITAL-#12
Asset # : 2348

Mechanical	Current Repair		Future Replacement		Maintenance		Priority Code	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)		Estimated Cost
Air Conditioning								
Conversion Equipment								
Absorption	75%			2028	* *	1	\$17,900	B
Chiller/Direct Fire								
Reciprocating	15%			2028	* *	1	\$1,500	B
Compr/Chiller								
			<i>R-22 Refrigerant, Extent : Light, Area Affected : 15%</i>					
			<i>Location : Rear Yard</i>					
Ext Pkg Unit - Cooling	10%			2023	\$2,100	2	\$100	B
			<i>R-22 Refrigerant, Extent : Light, Area Affected : 20%</i>					
			<i>Location : On The Roof</i>					
Distribution								
Chilled Wtr Pipe/Pump	90%			2043	* *	4	\$1,500	B
No Component	10%							D
Terminal Devices								
Direct Expansion	15%			2023	\$1,500	1		B
Air Handler/Cool/Ht	75%			2023	\$79,600	1	\$10,200	B
No Component	10%							D
Heat Rejection								
Air Condenser Unit	15%			2028	* *	2	\$2,300	B
Water Cool Tower	75%	Now	\$5,400	2021	\$53,800	2	\$13,300	B
			<i>Corroded, Extent : Severe, Area Affected : 20%</i>					
			<i>Location : Rear Yard</i>					
No Component	10%							D
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$12,300	B
Exhaust Fans								
Interior	20%			2023	\$6,600	2	\$100	B
Roof	80%			2028	* *	2	\$500	B
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		B
Water Heater								
Gas Fired	100%			2022	\$5,800	2	\$300	B
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		B
Sewage Ejector(s)								
Electric	100%			2031	* *	4	\$2,000	B
Fixtures								
Generic	100%							B

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

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

Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : BRONX ZOO AQUATIC BIRD HOUSE-#7
Address : BRONX RIVER PKWY & FORDHAM RD
Borough : BRONX **Agency's Number** : N/A
Program / Asset # : DCA0005.070 / 2324 **Yr Built/Renovated** : 1964 / 1996
Area Sq Ft : 20,110 **Project Type** : CULTURAL AFFAIRS
Date of Survey : 03-Apr-2012 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1
Block : 3120 **Lot** : 20 **BIN** : 2116672

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$390,900	\$273,800
Electrical	\$108,200	\$237,800
Mechanical		\$70,900
Total	\$499,100	\$582,400
Priority A	\$390,900	\$273,800
Priority B	\$108,200	\$308,600
Total	\$499,100	\$582,400

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$54,400	\$2,600		\$9,300
Interior Architecture		\$1,600		\$15,900
Electrical	\$24,300	\$1,000	\$1,400	\$28,000
Mechanical	\$2,300	\$2,400	\$3,300	\$41,400
Total	\$81,000	\$7,600	\$4,800	\$94,600
Priority A	\$54,400	\$2,600		\$9,300
Priority B	\$26,600	\$3,400	\$4,800	\$79,300
Priority C		\$1,600		\$6,000
Total	\$81,000	\$7,600	\$4,800	\$94,600



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

DEPARTMENT OF CULTURAL AFFAIRS - 126
BRONX ZOO AQUATIC BIRD HOUSE-#7
Asset # : 2324

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	85%			LIFE	**	5	\$40,100	A
	<i>Efflorescence, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Throughout</i>							
Masonry: Brick	10%	Now	\$31,500	LIFE	**	5	\$4,700	A
	<i>Diagonal Cracks, Extent : Severe, Area Affected : 5%</i>							
	<i>Location : Southwest Corner</i>							
	<i>Horizontal Cracks, Extent : Moderate, Area Affected : 5%</i>							
	<i>Location : Bulkheads</i>							
Window Wall	5%			2033	**	5	\$8,800	A
Windows								
Aluminum	90%			2031	**	5	\$2,200	A
Metal Louvers	10%			2026	**	10	\$1,500	A
Parapets								
Masonry: Brick	90%	Now	\$301,100	LIFE	**	5	\$15,100	A
	<i>Cracking/Crumbling, Extent : Severe, Area Affected : 15%</i>							
	<i>Location : Southwest Corner, Throughout</i>							
	<i>Misaligned/Bulging, Extent : Severe, Area Affected : 5%</i>							
	<i>Location : Southwest Corner, Throughout</i>							
	<i>Vegetation Growth, Extent : Moderate, Area Affected : 15%</i>							
	<i>Location : Throughout</i>							
Masonry: Limestone	10%	Now	\$40,000	LIFE	**	5	\$2,100	A
	<i>Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 25%</i>							
	<i>Location : Southwest Corner Coping</i>							
	<i>Loose Units, Extent : Severe, Area Affected : 5%</i>							
	<i>Location : Southwest Corner</i>							
	<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 15%</i>							
	<i>Location : Southwest Corner, Throughout</i>							
	<i>Water Penetration, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Coping</i>							
Roof								
Metal Panel	5%			2028	**	10	\$4,900	A
Modified Bitumen	60%	0-2	\$22,900	2023	\$229,000			A
	<i>Ponding, Extent : Moderate, Area Affected : 5%</i>							
	<i>Location : Throughout</i>							
	<i>Worn/Eroded, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
Skylight, Metal/Glass	35%	0-2	\$49,800	2033	**			A
	<i>Glazing Broken/Cracked, Extent : Moderate, Area Affected : 5%</i>							
	<i>Location : Southwest Side, Throughout</i>							
Interior								
Floors								
Asphalt Poured	70%			2028	**	5	\$9,900	C
Cast in Place Concrete	20%			LIFE	**	5	\$12,400	C
Panel/Paver: Cer/Brk	5%			2031	**	5	\$3,200	C
Quarry Tile	5%			2028	**	5	\$2,100	C

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
BRONX ZOO AQUATIC BIRD HOUSE-#7
Asset # : 2324

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Interior								
Interior Walls								
Concrete Masonry Unit	35%			LIFE	**	5	\$1,000	C
Glass: Special Gauge	10%			LIFE	**	1		C
Plaster	10%			LIFE	**	5	\$200	C
SGFT/Glazed Masonry	45%			LIFE	**			C
Ceilings								
AcousTileSusp.Lay-In	70%			2028	**	5	\$19,800	B
Exposed Concrete	20%			LIFE	**	5	\$900	B
Gypsum Board	10%			LIFE	**	5	\$3,500	B
Electrical								
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2023	\$3,000	5	\$100	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Outside The Building</i>								
<i>Explanation : One 400 Amps Main Disconnect Switch</i>								
Switchgear / Switchboard								
Fused Disc Sw	100%			2023	\$44,500	5	\$100	B
Raceway								
Conduit	90%			2023	\$21,800	1		B
Conduit	10%			2033	**	1		B
Panelboards								
Fused Disc Sw	10%			2022	\$2,200	5		B
Molded Case Bkrs	10%			2031	**	5		B
Molded Case Bkrs	80%			2022	\$18,000	5	\$400	B
Wiring								
Braided Cloth	90%	2-4	\$23,400	2048	**	1		B
<i>Insulation Aged, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Thermoplastic	10%			2033	**	1		B
Motor Controllers								
Locally Mounted	100%			2021	\$15,500	5	\$100	B
Ground								
Grounding Devices								
Not Accessible	100%							D
Lighting								
Interior Lighting								
Fluorescent	97%			2018	\$108,200	10	\$16,800	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : T-12 Lamps</i>								
Incandescent	3%			2018	\$3,300	2		B

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
BRONX ZOO AQUATIC BIRD HOUSE-#7
Asset # : 2324

Electrical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Lighting								
Egress Lighting								
Emergency, Battery	50%			2023	\$3,900	10	\$2,300	B
Exit, Service	50%			2023	\$1,600	1		B
Exterior Lighting								
HID	100%			2018	\$6,800	10	\$100	B
Alarm								
Fire/Smoke Detection								
Generic	100%			2023	\$193,300	1-3	\$10,200	B
Mechanical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating								
Energy Source								
HTHW/HW	50%			2033	**	1		B
			<i>Other Observation, Extent : Light, Area Affected : 50%</i>					
			<i>Location : From Cogeneration Plant</i>					
			<i>Explanation : Back-up And Everyday Use</i>					
Interruptible Gas/Dual Fuel	50%			2033	**	1		B
Conversion Equipment								
Heat Exchanger	50%			2026	**	1	\$4,700	B
Hot Water Boiler	50%			2040	**	1	\$4,700	B
			<i>Other Observation, Extent : Light, Area Affected : 50%</i>					
			<i>Location : 2nd Floor Boiler Room</i>					
			<i>Explanation : 1 Unit</i>					
Distribution								
Hot Wtr Piping/Pump	100%			2031	**	4	\$1,400	B
Terminal Devices								
Air Handler	50%			2028	**	1	\$5,900	B
Convector/Radiator	35%			2021	\$70,900	1	\$2,100	B
Unit Heater-Stm/HW	15%			2018	\$20,800	4	\$300	B
Air Conditioning								
Energy Source								
Electricity	100%			2031	**	1		B
Conversion Equipment								
Ext Pkg Unit - Cooling	20%			2023	\$19,800	2	\$200	B
			<i>R-22 Refrigerant, Extent : Light, Area Affected : 30%</i>					
			<i>Location : Roof</i>					
Ext Pkg Unit - Heating/Cooling	30%			2028	**	2	\$400	B
			<i>R-22 Refrigerant, Extent : Light, Area Affected : 30%</i>					
			<i>Location : Roof</i>					
No Component	50%							D

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Estimates are rounded to the nearest hundred dollars.

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

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DEPARTMENT OF CULTURAL AFFAIRS - 126
BRONX ZOO AQUATIC BIRD HOUSE-#7
Asset # : 2324

Mechanical	Current Repair		Future Replacement		Maintenance		Priority Code	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)		Estimated Cost
Air Conditioning								
Heat Rejection								
Air Condenser Unit	20%			2028	* *	2	\$2,600	B
No Component	80%							D
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$10,500	B
Exhaust Fans								
Interior	30%			2018	\$7,100	2	\$200	B
Roof	70%			2023	\$11,900	2	\$400	B
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2033	* *	1		B
Water Heater								
Gas Fired	100%			2022	\$5,000	2	\$300	B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : 2nd Floor Boiler Room</i>								
<i>Explanation : 2 Units</i>								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		B
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		B
Sewage Ejector(s)								
Electric	100%			2018	\$10,300	4	\$1,300	B
Backflow Preventer								
Not Accessible	100%							D
Fixtures								
Generic	100%							B

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

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

Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : BRONX ZOO BRONX ZOO STORE & FIRST AID STA.
Address : BRONX RIVER PKWY & FORDHAM RD
Borough : BRONX **Agency's Number** : N/A
Program / Asset # : DCA0005.380 / 2800 **Yr Built/Renovated** : 2000 / 2000
Area Sq Ft : 11,000 **Project Type** : CULTURAL AFFAIRS
Date of Survey : 05-Apr-2012 **Landmark Status** : NONE
Areas Surveyed : Roof, Floors 1
Block : 3120 **Lot** : 20 **BIN** :

CAPITAL**Total**

Priority

Total

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$3,100	\$21,500		
Interior Architecture	\$200	\$4,300	\$400	\$600
Electrical	\$500	\$700	\$500	\$9,200
Mechanical	\$800	\$800	\$1,400	\$800
Total	\$4,600	\$27,300	\$2,400	\$10,600
Priority A	\$3,100	\$21,500		
Priority B	\$1,500	\$1,500	\$1,900	\$10,600
Priority C		\$4,300	\$400	
Total	\$4,600	\$27,300	\$2,400	\$10,600



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

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

**DEPARTMENT OF CULTURAL AFFAIRS - 126
BRONX ZOO BRONX ZOO STORE & FIRST AID STA.**

Asset # : 2800

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Glazed Ceramic Panel	5%			LIFE	**	5	\$2,500	A
Masonry: Fieldstone	10%			LIFE	**	5	\$800	A
Metal Sect. OHD	10%			2036	**	5	\$3,300	A
Wood	75%			2036	**	5	\$39,700	A
Windows								
Wood	100%			2039	**	5	\$15,900	A
Roof								
Asphalt Shingle	75%	0-2	\$3,100	2032	**			A
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Where The Roof Slopes Meet</i>								
Single Ply Membrane	25%			2023	\$18,200	10	\$5,200	A
Interior								
Floors								
Carpet	65%			2019	\$47,400	3	\$12,100	C
Cast in Place Concrete	5%			LIFE	**	5	\$1,400	C
Ceramic Tile	5%			2032	**	5	\$600	C
Slate	10%			LIFE	**	5	\$1,300	C
Vinyl Tile	15%			2028	**	3	\$700	C
Interior Walls								
Ceramic Tile	5%			2032	**	5	\$200	C
Concrete Masonry Unit	5%			LIFE	**	5	\$100	C
Gypsum Board	85%			LIFE	**	5	\$2,200	C
Wood	5%			LIFE	**	5	\$900	C
Ceilings								
AcousTileSusp.Lay-In	10%			2028	**	5	\$1,200	B
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Store Area</i>								
Exposed Struc: Wood	85%			LIFE	**			B
Plaster	5%	2-4	\$200	LIFE	**	5	\$400	B
<i>Water Penetration, Extent : Light, Area Affected : 5%</i>								
<i>Location : At Beams In Store</i>								

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
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%			2043	**	5		B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : One 400 Amps Main Disconnect Switch</i>								

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

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

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

**DEPARTMENT OF CULTURAL AFFAIRS - 126
BRONX ZOO BRONX ZOO STORE & FIRST AID STA.**

Asset # : 2800

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Transformers								
Dry Type	100%			2036	**	5		B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : One 75 Kva 480hv-208/120lv & One 45 Kva 480hv-208/120lv</i>								
Switchgear / Switchboard								
Fused Disc Sw	100%			2043	**	5		B
Raceway								
Conduit	100%			2043	**	1		B
Panelboards								
Fused Disc Sw	5%			2039	**	5		B
Molded Case Bkrs	95%			2039	**	5	\$200	B
Wiring								
Thermoplastic	100%			2043	**	1		B
Motor Controllers								
Locally Mounted	100%			2036	**	5	\$100	B
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$100	B
Lighting								
Interior Lighting								
Fluorescent	20%			2028	**	10	\$1,500	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : T-8 Lamps</i>								
Fluorescent	50%			2028	**	10	\$3,800	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : Compact Fluorescent Lamps</i>								
Fluorescent	30%			2028	**	10	\$2,300	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : T-12 Lamps</i>								
Egress Lighting								
Emergency, Battery	50%			2028	**	10	\$1,000	B
Exit, LED	50%			2051	**	1		B
Exterior Lighting								
HID	100%			2028	**	10		B
Alarm								
Fire/Smoke Detection								
Generic	100%			2028	**	1-3	\$5,600	B

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

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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**DEPARTMENT OF CULTURAL AFFAIRS - 126
BRONX ZOO BRONX ZOO STORE & FIRST AID STA.**

Asset # : 2800

Mechanical	Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	
Heating							
Energy Source Natural Gas	100%			2043	* *	1	B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
<i>Location : External Unit</i>							
<i>Explanation : Combination A C And Furnace</i>							
Conversion Equipment Furnace	100%			2028	* *	1	\$4,100 B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
<i>Location : (1) On The Ground (1) On The Roof</i>							
<i>Explanation : 2 External Units</i>							
Air Conditioning							
Energy Source Electricity	100%			2039	* *	1	B
Conversion Equipment Ext Pkg Unit - Heating/Cooling	100%			2028	* *	2	\$500 B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
<i>Location : (1) On The Ground (1) On The Roof</i>							
<i>Explanation : 2 Units</i>							
Ventilation							
Distribution Ductwork/Diffusers	100%			LIFE	* *	2-5	\$4,600 B
Exhaust Fans Roof	100%			2028	* *	2	\$300 B
Plumbing							
H/C Water Piping Brass/Copper	100%			2043	* *	1	B
Water Heater Gas Fired	100%			2021	\$2,200	2	\$100 B
Sanitary Piping Cast Iron	100%			LIFE	* *	1	B
Backflow Preventer Generic	100%			2028	* *	1	\$500 B
Fixtures Generic	100%						B
Fire Suppression							
Sprinkler Generic	100%			2043	* *	1-2	\$2,300 B

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Print Date : 05-Sep-2013

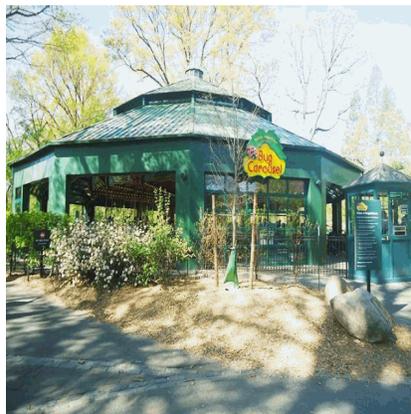
DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : BRONX ZOO BUG CAROUSEL
Address : BRONX RIVER PKWY & FORDHAM RD
Borough : BRONX **Agency's Number** : N/A
Program / Asset # : DCA0005.700 / 14214 **Yr Built/Renovated** : 2002 /
Area Sq Ft : 3,500 **Project Type** : CULTURAL AFFAIRS
Date of Survey : 17-Apr-2012 **Landmark Status** : NONE
Areas Surveyed : Roof, Floors 1
Block : 3120 **Lot** : 20 **BIN** :

CAPITAL

Total
 Priority
Total

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$8,100			\$14,700
Interior Architecture		\$400		
Electrical				\$800
Mechanical		\$200		\$200
Total	\$8,100	\$600		\$15,700
Priority A	\$8,100			\$14,700
Priority B		\$300		\$1,000
Priority C		\$400		
Total	\$8,100	\$600		\$15,700



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

DEPARTMENT OF CULTURAL AFFAIRS - 126
BRONX ZOO BUG CAROUSEL
Asset # : 14214

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
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	\$3,200	A
Metal Panel	5%			2043	**	5-10	\$2,200	A
Metal Sect. OHD	80%			2040	**	5	\$16,200	A
Wood	5%			2028	**	5	\$1,600	A
Windows								
Aluminum	100%			2039	**	5	\$2,800	A
Roof								
Metal Panel	100%			2028	**	10	\$13,300	A
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Along The Edges</i>								
Interior								
Floors								
Cast in Place Concrete	90%			LIFE	**	5	\$7,600	C
Wood	10%			2051	**	5	\$700	C
Ceilings								
Exposed Struc: Steel	10%			LIFE	**			B
No Component	90%							D
Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
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%			2033	**	5	\$100	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : One 300 Amps Main Disconnect Switch</i>								
Transformers								
Dry Type	100%			2028	**	5		B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : One 75 Kva 480hv-208/120lv</i>								
Raceway								
Conduit	100%			2033	**	1		B
Panelboards								
Fused Disc Sw	10%			2031	**	5		B
Molded Case Bkrs	90%			2031	**	5	\$100	B
Wiring								
Thermoplastic	100%			2033	**	1		B
Lighting								

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Estimates are rounded to the nearest hundred dollars.

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
BRONX ZOO BUG CAROUSEL
Asset # : 14214

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Lighting								
Interior Lighting								
Fluorescent	50%			2023	\$2,900	10	\$1,200	B
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : T-12 Lamps</i>						
Fluorescent	30%			2028	**	10	\$700	B
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Thrloughout</i>						
		<i>Explanation : T-8 Lamps</i>						
Incandescent	20%			2023	\$1,100	2		B
Exterior Lighting								
HID	100%			2023	\$200	10		B

Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Electricity	100%			2043	**	1		B
Conversion Equipment								
Radiant Heater	100%			2028	**	2	\$1,200	B
Air Conditioning								
Energy Source								
Electricity	100%			2039	**	1		B
Conversion Equipment								
Heat Pump	5%			2024		2		B
No Component	95%							D

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

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

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

Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : BRONX ZOO CENTRE FOR GLOBAL CONSERVATION
Address : BRONX RIVER PKWY & FORDHAM RD
Borough : BRONX **Agency's Number** : N/A
Program / Asset # : DCA0005.050 / 14215 **Yr Built/Renovated** : 2009 /
Area Sq Ft : 43,000 **Project Type** : CULTURAL AFFAIRS
Date of Survey : 11-Apr-2012 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1,2,3
Block : 3120 **Lot** : 20 **BIN** : 2830645

CAPITAL**Total**

Priority

Total

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture		\$1,100		\$26,000
Interior Architecture		\$1,400	\$200	
Electrical	\$5,100	\$5,100	\$4,400	\$6,200
Mechanical	\$18,600	\$11,700	\$24,100	\$11,000
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$27,600	\$23,300	\$32,700	\$47,200
Priority A		\$1,100		\$26,000
Priority B	\$27,600	\$21,000	\$32,500	\$21,200
Priority C		\$1,100	\$200	
Total	\$27,600	\$23,300	\$32,700	\$47,200



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

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
BRONX ZOO CENTRE FOR GLOBAL CONSERVATION

Asset # : 14215

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Pre-Cast Concrete	15%			LIFE	**	5	\$4,400	A
Window Wall	80%			2043	**	5	\$27,100	A
Wood	5%			2036	**	5	\$2,300	A
Windows								
Aluminum	100%			2039	**	5	\$2,300	A
Parapets								
Pre-Cast Concrete	95%			LIFE	**	5		A
No Component	5%							D
Roof								
Plaza Roof: Stone Panels	5%			2043	**			A
Single Ply Membrane	95%			2028	**	10	\$12,400	A
<i>Water Penetration, Extent : Light, Area Affected : 2%</i>								
<i>Location : Southeast Corner Over 2nd Floor Conference Room</i>								
Interior								
Floors								
Carpet	40%			2022	\$11,600	3	\$3,000	C
Cast in Place Concrete	50%			LIFE	**	5	\$5,400	C
Panel/Paver: Concrete	5%			2043	**			C
<i>Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 2%</i>								
<i>Location : 2nd Floor Conference Room</i>								
Raised Access Floor	2%			2032	**	5	\$400	C
Wood	3%			2051	**	5	\$300	C
Interior Walls								
Cast in Place Concrete	10%			LIFE	**			C
Glass: Single Pane	10%			LIFE	**	5	\$400	C
Gypsum Board	75%			LIFE	**	5	\$2,600	C
Travertine Panels	2%			LIFE	**			C
Wood	3%			LIFE	**	5	\$700	C
Ceilings								
AcousTileConcealSpLn	10%			2036	**	5	\$600	B
Exposed Concrete	40%			LIFE	**	5	\$300	B
Gypsum Board	30%			LIFE	**	5	\$1,800	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout Offices</i>								
<i>Explanation : Spray On Popcorn Finish</i>								
Gypsum Board	20%			LIFE	**	5	\$1,200	B

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

Under 600 Volts

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

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

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

**DEPARTMENT OF CULTURAL AFFAIRS - 126
BRONX ZOO CENTRE FOR GLOBAL CONSERVATION**

Asset # : 14215

Electrical	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Service Equipment								
Air Circuit Breaker	20%			2049	**	5		B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Outside The Building</i>								
<i>Explanation : One 1000 Amps Main Disconnect Switch</i>								
Molded Case Bkrs	80%			2049	**	5	\$700	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room Basement</i>								
<i>Explanation : Five 1000 Amps Main Disconnect Switch</i>								
Transformers								
Dry Type	100%			2040	**	5	\$100	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : One 225 Kva 480hv-208/120lv & One 45 Kva 480hv-208/120lv</i>								
Switchgear / Switchboard								
Air Circuit Breaker	100%			2049	**	5	\$200	B
Raceway								
Conduit	100%			2049	**	1		B
Panelboards								
Fused Disc Sw	10%			2045	**	5	\$100	B
Molded Case Bkrs	90%			2045	**	5	\$800	B
Wiring								
Thermoplastic	100%			2049	**	1		B
Motor Controllers								
Locally Mounted	100%			2040	**	5	\$200	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Mechanical Room</i>								
<i>Explanation : All Controllers With Vfd And Hookup To Bms</i>								
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$500	B
Stand-by Power								
Transfer Switches								
Automatic	100%			2040	**	1	\$10,900	B
Generators								
Diesel	100%			2036	**	1	\$13,600	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Outside</i>								
<i>Explanation : One 250 Kw</i>								
Batteries								
Lead/Acid	100%			2018		5	\$1,300	B
Fuel Storage								
Main Tank	100%			2058	**	5	\$1,000	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Outside</i>								
<i>Explanation : One 500 Gals</i>								

Lighting

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

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**DEPARTMENT OF CULTURAL AFFAIRS - 126
BRONX ZOO CENTRE FOR GLOBAL CONSERVATION**

Asset # : 14215

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Lighting								
Interior Lighting								
Fluorescent	75%			2031	**	10	\$24,200	B
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Throughout The Building</i>						
		<i>Explanation : T-8 Lamps</i>						
Fluorescent	20%			2031	**	10	\$6,500	B
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Throughout The Building</i>						
		<i>Explanation : T-5 Lamps</i>						
Incandescent	5%			2031	**	2		B
Egress Lighting								
Emergency, Service	50%			2031	**	1		B
Exit, LED	35%			2058	**	1		B
Exit, Service	15%			2031	**	1		B
Exterior Lighting								
HID	100%			2031	**	10	\$100	B
Alarm								
Fire/Smoke Detection								
Generic	100%			2031	**	1-3	\$21,700	B

Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Natural Gas	100%			2049	**	1		B
Conversion Equipment								
Hot Water Boiler	100%			2040	**	1	\$17,400	B
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Basement</i>						
		<i>Explanation : 2 Natural Gas Fueled Sectional Hot Water Boilers</i>						
Distribution								
Hot Wtr Piping/Pump	100%			2045	**	4	\$1,700	B
Terminal Devices								
Air Handler	100%			2031	**	1	\$21,800	B
Air Conditioning								
Energy Source								
Electricity	50%			2045	**	1		B
Natural Gas	50%			2049	**	1		B

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
BRONX ZOO CENTRE FOR GLOBAL CONSERVATION

Asset # : 14215

Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Air Conditioning								
Conversion Equipment								
Absorption Chiller/Steam/HW	50%			2036	**	1	\$19,100	B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Adjacent To Building</i>								
<i>Explanation : Refrigerant Lithium Bromide</i>								
Reciprocating Compr/Chiller	50%			2031	**	1	\$8,200	B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Adjacent To Building</i>								
<i>Explanation : Refrigerant 134a, Packaged Air Cooled Chiller</i>								
Distribution								
Chilled Wtr Pipe/Pump	100%			2049	**	4	\$1,700	B
Terminal Devices								
Air Handler/Cool/Ht	100%			2031	**	1	\$21,800	B
Heat Rejection								
Air Condenser Unit	50%			2031	**	2	\$12,300	B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Adjacent To Building</i>								
<i>Explanation : Packaged Air Cooled Chiller</i>								
Water Cool Tower	50%			2027	**	2	\$17,700	B
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$19,600	B
Exhaust Fans								
Interior	90%			2031	**	2	\$1,000	B
Roof	10%			2031	**	2	\$100	B
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2049	**	1		B
HW Heat Exchanger								
Low Temp	100%			2049	**	4	\$3,500	B
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		B
Storm Drain Piping								
Cast Iron	100%			LIFE	**	1		B
Sump Pump(s)								
Rigid Piping	100%			2031	**	4	\$2,000	B
Backflow Preventer								
Generic	100%			2031	**	1	\$2,200	B
Fixtures								
Generic	100%							B
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.

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**DEPARTMENT OF CULTURAL AFFAIRS - 126
BRONX ZOO CENTRE FOR GLOBAL CONSERVATION**

Asset # : 14215

Mechanical	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Vertical Transport Elevators Hydraulic	100%			LIFE	* *			C
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : One Unit</i>							
Fire Suppression Standpipe Generic	100%			2049	* *	1-5	\$17,800	B
Sprinkler Generic	100%			2049	* *	1-2	\$9,900	B
Fire Pump Generic	100%			2036	* *	1	\$6,600	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.*

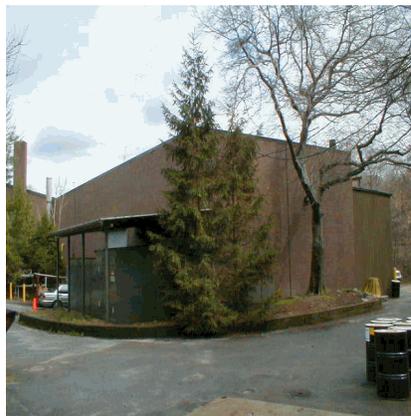
Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : BRONX ZOO CONGENERATION PLANT
Address : BRONX RIVER PKWY & FORDHAM RD
Borough : BRONX Agency's Number : N/A
Program / Asset # : DCA0005.104 / 2654 Yr Built/Renovated : 1989 / 2007
Area Sq Ft : 5,547 Project Type : CULTURAL AFFAIRS
Date of Survey : 12-Apr-2012 Landmark Status : NONE
Areas Surveyed : Roof, Floors 1
Block : 3120 Lot : 20 BIN : 2116674

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$36,700	
Electrical		\$53,300
Mechanical		\$108,900
Total	\$36,700	\$162,200
Priority A	\$36,700	
Priority B		\$162,200
Total	\$36,700	\$162,200

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$25,800			\$7,700
Interior Architecture				\$400
Electrical	\$300	\$400	\$300	\$15,000
Mechanical	\$6,600	\$200	\$800	\$2,100
Total	\$32,600	\$600	\$1,100	\$25,200
Priority A	\$25,800			\$7,700
Priority B	\$6,800	\$600	\$1,100	\$17,100
Priority C				\$400
Total	\$32,600	\$600	\$1,100	\$25,200



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

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
BRONX ZOO CONGENERATION PLANT
Asset # : 2654

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	60%			LIFE	**	5	\$8,200	A
Metal Panel	30%			2033	**	5-10	\$28,300	A
Metal Sect. OHD	10%	0-2	\$2,500	2036	**	5	\$2,100	A
<i>Other Observation, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Doors Do Not Stay Open</i>								
<hr/>								
Windows								
Metal Louvers	100%			2026	**	10	\$36,700	A
<hr/>								
Roof								
Metal Panel	93%	Now	\$23,400	2036	**			A
<i>Gut/DS Non Func/Miss, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
<hr/>								
Roll Roofing	5%			2019	\$2,100	5	\$800	A
Skylight, Plastic	2%			2028	**	1		A
<hr/>								
Interior								
Floors								
Cast in Place Concrete	95%			LIFE	**	5	\$19,900	C
Quarry Tile	5%			2028	**	5	\$700	C
<hr/>								
Interior Walls								
Concrete Masonry Unit	10%			LIFE	**	5	\$700	C
Metal Panel	90%			LIFE	**			C
<hr/>								
Ceilings								
Exposed Concrete	10%			LIFE	**	5	\$200	B
Exposed Struc: Steel	15%			LIFE	**			B
Metal Panel	75%			LIFE	**	5	\$9,000	B
<hr/>								
Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Over 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2033	**	3		B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Outside - Congeneration Plant</i>								
<i>Explanation : Eight 600 Amps Main Disconnect For Substations In Different Locations</i>								
<hr/>								
Transformers								
Dry Type	100%			2028	**	3		B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Outside Next To Driveway</i>								
<i>Explanation : Eight 1000 Kva, 4160hv-480/277lv</i>								
<hr/>								
Feeders								
Cable	100%			2031	**	1		B

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

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
BRONX ZOO CONGENERATION PLANT
Asset # : 2654

Electrical	Current Repair		Future Replacement		Maintenance		Priority Code	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Over 600 Volts								
Raceway								
Conduit	100%			2033	**	1		B
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2033	**	5		B
			<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>					
			<i>Location : Electrical & Mechanical Room</i>					
			<i>Explanation : One 2000 Amps Main Disconnect Switch</i>					
Fused Disc Sw	50%			2033	**	5		B
			<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>					
			<i>Location : Electrical & Generator Room</i>					
			<i>Explanation : One 800 Amps Main Disconnect Switch</i>					
Transformers								
Dry Type	100%			2028	**	5		B
			<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>					
			<i>Location : Electrical Room</i>					
			<i>Explanation : One 30 Kva, 480hv-208/120lv</i>					
Switchgear / Switchboard								
Fused Disc Sw	100%			2033	**	5		B
Raceway								
Conduit	100%			2033	**	1		B
Panelboards								
Molded Case Bkrs	100%			2031	**	5	\$100	B
Wiring								
Thermoplastic	100%			2033	**	1		B
Motor Controllers								
Motor Control Center	50%			2021		5	\$14,500	B
Motor Control Center	50%			2028	**	5	\$100	B
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$100	B
Lighting								
Interior Lighting								
Fluorescent	30%			2018		10	\$12,400	B
			<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>					
			<i>Location : Throughout The Building</i>					
			<i>Explanation : T-12 Lamps</i>					
HID	70%			2023		10	\$18,600	B
Egress Lighting								
Emergency, Service	50%			2023		1	\$500	B
Exit, Service	50%			2018		1	\$500	B
Exterior Lighting								
HID	100%			2023		10	\$1,900	B
Alarm								
Fire/Smoke Detection								
Generic	100%			2023		1-3	\$53,300	B

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

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
BRONX ZOO CONGENERATION PLANT
Asset # : 2654

Mechanical System Component Type	Current Repair		Future Replacement		Maintenance		Priority Code	
	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)		Estimated Cost
Heating								
Terminal Devices								
Fan Coil Unit/Heat	100%			2023	\$108,900	1	\$2,100	B
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Cogen Plant Main Floor</i>							
	<i>Explanation : Cogen Plant Unit Heaters Are Abandoned In Place Building's Relies On Residual Heat From Power Generating Equipment.</i>							
Air Conditioning								
Energy Source								
Electricity	100%			2039	**	1		B
Conversion Equipment								
Window/Wall Unit	5%			2018	\$700	1		B
No Component	95%							D
Ventilation								
Distribution								
Ductwork/Diffusers	100%	0-2	\$6,300	LIFE	**	2-5	\$3,600	B
	<i>Damaged, Extent : Severe, Area Affected : 100%</i>							
	<i>Location : Cogen Plant Main Floor, Defective Fresh Air Intake Dampers And Damper Motors</i>							
Exhaust Fans								
Roof	50%			2023	\$2,900	2	\$100	B
Wall Unit	50%			2023	\$5,500	2	\$100	B
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	**	1		B
Water Heater								
Electric	100%			2018	\$1,100	4		B
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		B
Backflow Preventer								
Generic	100%			2031	**	1	\$400	B
Fixtures								
Generic	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.

Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : **BRONX ZOO CONGO GORILLA FOREST BUILDING**
 Address : **BRONX RIVER PKWY & FORDHAM RD**
 Borough : **BRONX** Agency's Number : **N/A**
 Program / Asset # : **DCA0005.721 / 13396** Yr Built/Renovated : **1999 / 1999**
 Area Sq Ft : **40,000** Project Type : **CULTURAL AFFAIRS**
 Date of Survey : **04-Apr-2012** Landmark Status : **NONE**
 Areas Surveyed : **Basement, Roof, Floors 1,2**
 Block : **3120** Lot : **20** BIN : **2116675**

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Exterior Architecture		\$69,900
Interior Architecture		\$537,800
Mechanical		\$171,500
Total		\$779,200
Priority A		\$69,900
Priority B		\$256,400
Priority C		\$452,900
Total		\$779,200

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$15,900	\$2,600		\$3,400
Interior Architecture	\$9,300	\$7,600	\$300	\$20,600
Electrical	\$4,200	\$5,400	\$5,400	\$24,800
Mechanical	\$20,200	\$15,200	\$12,700	\$26,100
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$53,500	\$34,700	\$22,400	\$78,900
Priority A	\$15,900	\$2,600		\$3,400
Priority B	\$35,400	\$24,600	\$22,100	\$57,300
Priority C	\$2,300	\$7,600	\$300	\$18,200
Total	\$53,500	\$34,700	\$22,400	\$78,900



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

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

**DEPARTMENT OF CULTURAL AFFAIRS - 126
BRONX ZOO CONGO GORILLA FOREST BUILDING**

Asset # : 13396

Architecture	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Concrete Masonry Unit	70%			LIFE	**	5	\$15,300	A
Glazed Ceramic Panel	10%			LIFE	**	5	\$16,400	A
Metal, Corrugated	5%			2033	**	1		A
Window Wall	15%	0-2	\$14,400	2043	**	5	\$9,900	A
<i>Dry Rot/Decay, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Stairwell To Classrooms</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Stairwell To Classrooms</i>								
<hr/>								
Windows								
Aluminum	95%			2031	**	5	\$3,100	A
Metal Louvers	5%			2026	**	10	\$1,000	A
<hr/>								
Parapets								
Cast in Place Concrete	15%			LIFE	**	5	\$3,000	A
Metal Rail	10%			2028	**	5-10	\$3,500	A
No Component	75%							D
<hr/>								
Roof								
Cast in Place Concrete	5%			LIFE	**			A
Metal Panel	5%			2028	**	10	\$1,300	A
Modified Bitumen	70%			2023		10	\$9,700	A
<i>Patching Evident, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<hr/>								
Skylight, Plastic	5%	Now	\$1,500	2036	**	1		A
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Above Main Entry</i>								
<hr/>								
Sloped Glazing	15%			LIFE	**	5	\$27,800	A
<hr/>								
Interior								
Floors								
Carpet	40%	0-2	\$2,300	2022	\$114,100	3	\$29,100	C
<i>Water Penetration, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Main Public Entry</i>								
<hr/>								
Cast in Place Concrete	40%			LIFE	**	5	\$42,400	C
Ceramic Tile	5%			2026	**	5	\$2,400	C
Vinyl Tile	5%			2023		3	\$900	C
Wood	10%			2038	**	5	\$9,100	C
<hr/>								
Interior Walls								
Ceramic Tile	2%			2026	**	5	\$1,500	C
Concrete Masonry Unit	40%			LIFE	**	5	\$12,000	C
Fabric on Framing	30%			2021		5	\$11,200	C
Glass: Special Gauge	10%			LIFE	**	1		C
Gypsum Board	15%			LIFE	**	5	\$6,700	C
Operable Wall	3%			2033	**	5	\$7,900	C

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**DEPARTMENT OF CULTURAL AFFAIRS - 126
BRONX ZOO CONGO GORILLA FOREST BUILDING**

Asset # : 13396

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
Ceilings								
AcousTileSusp.Lay-In	10%			2028	**	5	\$4,900	B
Exposed Concrete	40%			LIFE	**	5	\$3,000	B
Exposed Struc: Steel	5%			LIFE	**			B
Gypsum Board	25%			LIFE	**	5	\$15,200	B
Wood	20%	0-2	\$7,100	LIFE	**	5	\$84,900	B
<i>Dry Rot/Decay, Extent : Moderate, Area Affected : 3%</i>								
<i>Location : Stairwell To Classrooms</i>								
<hr/>								
Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
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%			2043	**	5	\$100	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : One 1200 Amps & Two 600 Amps Main Disconnect Switch</i>								
<hr/>								
Transformers								
Dry Type	100%			2036	**	5	\$100	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room & Mechanical Room</i>								
<i>Explanation : Four 45 Kva, 480hv-208/120lv</i>								
<hr/>								
Switchgear / Switchboard								
Fused Disc Sw	100%			2043	**	5	\$100	B
<hr/>								
Raceway								
Conduit	100%			2043	**	1		B
<hr/>								
Panelboards								
Fused Disc Sw	5%			2039	**	5		B
Molded Case Bkrs	95%			2039	**	5	\$800	B
<hr/>								
Wiring								
Thermoplastic	100%			2043	**	1		B
<hr/>								
Motor Controllers								
Locally Mounted	10%			2036	**	5		B
Motor Control Center	90%			2036	**	5	\$800	B
<hr/>								
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$500	B
<hr/>								
Stand-by Power								
Transfer Switches								
Automatic	100%			2036	**	1	\$10,100	B
<hr/>								
Generators								
Diesel	100%			2032	**	1	\$12,700	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Outside The Building</i>								
<i>Explanation : One 300 Kw</i>								

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**DEPARTMENT OF CULTURAL AFFAIRS - 126
BRONX ZOO CONGO GORILLA FOREST BUILDING**

Asset # : 13396

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Stand-by Power								
Batteries								
Lead/Acid	100%			2017	\$600	5	\$1,200	B
Fuel Storage								
Day Tank	50%			2039	**	5	\$3,000	B
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Generator Room</i>						
		<i>Explanation : One 30 Gals</i>						
Main Tank	50%			2051	**	5	\$500	B
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Outside</i>						
		<i>Explanation : One 200 Gals</i>						
Lighting								
Interior Lighting								
Fluorescent	55%			2028	**	10	\$16,300	B
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Throughout The Building</i>						
		<i>Explanation : T-8 Lamps</i>						
HID	15%			2028	**	10	\$200	B
Incandescent	30%			2023	\$21,500	2	\$200	B
Egress Lighting								
Emergency, Battery	50%			2028	**	10	\$3,900	B
Exit, Service	50%			2028	**	1		B
Exterior Lighting								
HID	70%			2028	**	10	\$100	B
Incandescent	30%			2023	\$2,200	2		B
Alarm								
Fire/Smoke Detection								
Generic	100%			2028	**	1-3	\$20,200	B

Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Electricity	20%			2043	**	1		B
HTHW/HW	40%			2033	**	1		B
Interruptible Gas/Dual Fuel	40%			2043	**	1		B

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**DEPARTMENT OF CULTURAL AFFAIRS - 126
BRONX ZOO CONGO GORILLA FOREST BUILDING**

Asset # : 13396

Mechanical	Current Repair		Future Replacement		Maintenance		Priority Code	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating								
Conversion Equipment								
Heat Exchanger	40%			2032	**	1	\$6,400	B
Heat Pump	20%			2024	\$66,000	2	\$2,000	B
<i>Other Observation, Extent : Light, Area Affected : 20%</i>								
<i>Location : Roof</i>								
<i>Explanation : 2 Elec. H / C Package Units</i>								
Hot Water Boiler	40%			2036	**	1	\$6,400	B
<i>Other Observation, Extent : Light, Area Affected : 40%</i>								
<i>Location : Boiler Room</i>								
<i>Explanation : 2 Units</i>								
Distribution								
Hot Wtr Piping/Pump	80%	Now	\$3,000	2039	**	4	\$1,300	B
<i>Insul. Deteriorating, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : 1st Fl. A / C Room</i>								
No Component	20%							D
Terminal Devices								
Air Handler	70%			2028	**	1	\$14,100	B
Convactor/Radiator	10%			2028	**	1	\$1,100	B
No Component	20%							D
Air Conditioning								
Energy Source								
Electricity	20%			2039	**	1		B
Steam/HW System	80%			2043	**	1		B
Conversion Equipment								
Absorption	80%			2032	**	1	\$28,100	B
Chiller/Steam/HW								
Ext Pkg Unit - Heating/Cooling	20%			2028	**	2	\$400	B
<i>R-22 Refrigerant, Extent : Light, Area Affected : 20%</i>								
<i>Location : Roof</i>								
Distribution								
Chilled Wtr Pipe/Pump	80%			2043	**	4	\$1,900	B
No Component	20%							D
Terminal Devices								
Air Handler/Cool/Ht	80%			2028	**	1	\$16,100	B
No Component	20%							D
Heat Rejection								
Water Cool Tower	100%			2024	\$105,500	2	\$32,600	B
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$18,100	B
Exhaust Fans								
Roof	100%			2028	**	2	\$1,000	B
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	**	1		B

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**DEPARTMENT OF CULTURAL AFFAIRS - 126
BRONX ZOO CONGO GORILLA FOREST BUILDING**

Asset # : 13396

Mechanical	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Plumbing								
HW Heat Exchanger Low Temp	100%			2033	* *	4	\$3,200	B
Sanitary Piping Cast Iron	100%	Now	\$8,000	LIFE	* *	1		B
<i>Blockage /Clogged, Extent : Severe, Area Affected : 5%</i>								
<i>Location : Water Backs Up At Gallery, 1st Floor</i>								
<i>Other Observation, Extent : Severe, Area Affected : 5%</i>								
<i>Location : Main Entrance, 1st Floor</i>								
<i>Explanation : Sewage Line Is Undersized At Main Entrance, Causing Water Flooding When It Rains</i>								
Sump Pump(s) Rigid Piping	100%			2018	\$10,300	4	\$1,300	B
Backflow Preventer Generic	100%			2028	* *	1	\$2,000	B
Fixtures Generic	100%							B
Vertical Transport								
Elevators Hydraulic	100%			LIFE	* *			C
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : 1-2</i>								
<i>Explanation : 1 Unit</i>								
Fire Suppression								
Sprinkler Generic	100%			2043	* *	1-2	\$9,100	B

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Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : BRONX ZOO CURATORIAL HOUSE
Address : BRONX RIVER PKWY & FORDHAM RD
Borough : BRONX Agency's Number : N/A
Program / Asset # : DCA0005.930 / 2363 Yr Built/Renovated : 1935 / 2007
Area Sq Ft : 16,750 Project Type : CULTURAL AFFAIRS
Date of Survey : 16-Apr-2012 Landmark Status : NONE
Areas Surveyed : Basement, Roof, Floors 1,2
Block : 3120 Lot : 20 BIN : 2116676

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$81,500	
Electrical	\$40,000	
Mechanical		\$46,000
Total	\$121,500	\$46,000
Priority A	\$81,500	
Priority B	\$40,000	\$46,000
Total	\$121,500	\$46,000

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$25,000	\$1,700		\$1,700
Interior Architecture	\$7,500	\$2,500		\$3,400
Electrical	\$5,300	\$100	\$200	\$20,600
Mechanical	\$1,400	\$8,000	\$1,800	\$20,100
Total	\$39,300	\$12,300	\$2,000	\$45,700
Priority A	\$25,000	\$1,700		\$1,700
Priority B	\$6,800	\$8,100	\$2,000	\$40,700
Priority C	\$7,500	\$2,500		\$3,400
Total	\$39,300	\$12,300	\$2,000	\$45,700



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DEPARTMENT OF CULTURAL AFFAIRS - 126
BRONX ZOO CURATORIAL HOUSE
Asset # : 2363

Architecture	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Copper/Terne	2%			2043	**	10	\$700	A
Masonry: Brick	83%	Now	\$81,500	LIFE	**	5	\$12,200	A
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : North Facade</i>								
<i>Vegetation Growth, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : North Facade</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : North Facade</i>								
Metal Panel	5%			2033	**	5-10	\$5,000	A
Metal Sect. OHD	5%			2036	**	5	\$2,300	A
Slate Panels	5%	Now	\$2,200	LIFE	**	5	\$600	A
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Upper Floor</i>								
Windows								
Aluminum	75%			2031	**	5	\$1,000	A
Steel	25%	0-2	\$1,000	2031	**	5	\$2,100	A
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout West Facade</i>								
Roof								
Copper/Terne	2%			2038	**	10	\$300	A
Slate	98%	Now	\$21,800	LIFE	**			A
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : North Facade</i>								
Interior								
Floors								
Carpet	20%			2019		3	\$6,100	C
Carpet	5%	Now	\$1,800	2022		3	\$1,500	C
<i>Poor Subfloor Evident, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Willow Loft On The Second Floor</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Willow Loft On The Second Floor</i>								
Cast in Place Concrete	5%			LIFE	**	5	\$2,200	C
Ceramic Tile	5%			2026	**	5	\$1,000	C
Wood	15%			2038	**	5	\$5,700	C
Not Accessible	50%							D
Interior Walls								
Gypsum Board	15%			LIFE	**	5	\$2,800	C
Plaster	5%	Now	\$5,700	LIFE	**	5	\$500	C
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Willow Loft On The Second Floor</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Willow Loft On The Second Floor</i>								
Plaster	30%			LIFE	**	5	\$2,800	C
Not Accessible	50%							D

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DEPARTMENT OF CULTURAL AFFAIRS - 126
BRONX ZOO CURATORIAL HOUSE
Asset # : 2363

Architecture		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Interior								
Ceilings								
Gypsum Board	30%			LIFE	**	5	\$7,600	B
Plaster	70%			LIFE	**	5	\$8,900	B
Electrical								
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2023	\$1,600	5	\$100	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : 1st Floor</i>								
<i>Explanation : One 400 Amps Main Disconnect Switch</i>								
Switchgear / Switchboard								
Fused Disc Sw	100%			2023	\$29,600	5	\$100	B
Raceway								
Conduit	100%			2023	\$9,500	1		B
Panelboards								
Fused Disc Sw	5%			2022	\$1,100	5		B
Molded Case Bkrs	95%			2022	\$21,300	5	\$300	B
Wiring								
Braided Cloth	50%	2-4	\$4,400	2048	**	1		B
<i>Insulation Damaged, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
Thermoplastic	30%			2023	\$2,700	1		B
Thermoplastic	20%			2033	**	1		B
Motor Controllers								
Locally Mounted	100%			2021	\$10,300	5	\$100	B
Ground								
Grounding Devices								
Generic	100%	2-4	\$900	LIFE	**	5	\$200	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Water Main</i>								
<i>Explanation : Corroded</i>								
Lighting								
Interior Lighting								
Fluorescent	50%			2018	\$40,000	10	\$6,200	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : T-12 Lamps</i>								
Fluorescent	50%			2028	**	10	\$6,200	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : T-5 & Compact Fluorescent Lamps</i>								
Exterior Lighting								
Incandescent	100%			2018	\$8,100	2		B

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DEPARTMENT OF CULTURAL AFFAIRS - 126
BRONX ZOO CURATORIAL HOUSE
Asset # : 2363

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Lightning Protection								
Arresters/Cabling								
Generic	100%			2026	**	5	\$100	B
<hr/>								
Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Fuel Oil No 2	100%			2049	**	5	\$4,200	B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : (2) 250 Gallon Oil Tanks, 1 Oil Tank Abandoned In Place</i>								
<hr/>								
Conversion Equipment								
Hot Water Boiler	100%			2036	**	1	\$6,700	B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Ground Level Boiler Room And Basement</i>								
<i>Explanation : (2) #2 Oil Burning Boilers</i>								
<hr/>								
Distribution								
Hot Wtr Piping/Pump	100%			2039	**	4	\$1,000	B
<hr/>								
Terminal Devices								
Convactor/Radiator	100%			2028	**	1	\$4,400	B
<hr/>								
Air Conditioning								
Energy Source								
Electricity	100%			2039	**	1		B
<hr/>								
Conversion Equipment								
Window/Wall Unit	60%			2018	\$19,000	1		B
No Component	40%							D
<hr/>								
Ventilation								
Exhaust Fans								
Not Accessible	100%							D
<hr/>								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2023	\$46,000	1		B
<hr/>								
HW Heat Exchanger								
Low Temp	100%			2049	**	4	\$1,300	B
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Ground Level And Basement Boiler Rooms</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Ground Floor And Basement Boiler Rooms</i>								
<i>Explanation : Domestic Hot Water Tanks With Hot Water Coil</i>								
<hr/>								
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		B
<hr/>								
Sump Pump(s)								
Submersible	100%			2016	\$6,200	4	\$2,000	B
<hr/>								
Fixtures								
Not Accessible	100%							D

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

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

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

Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : BRONX ZOO DANCING CRANE CAFE
Address : BRONX RIVER PKWY & FORDHAM RD NEAR WILDFOWL POND
Borough : BRONX **Agency's Number** : N/A
Program / Asset # : DCA0005.CF0 / 2364 **Yr Built/Renovated** : 2001 /
Area Sq Ft : 16,000 **Project Type** : CULTURAL AFFAIRS
Date of Survey : 05-Apr-2012 **Landmark Status** : NONE
Areas Surveyed : Roof, Floors 1
Block : 3120 **Lot** : 20 **BIN** :

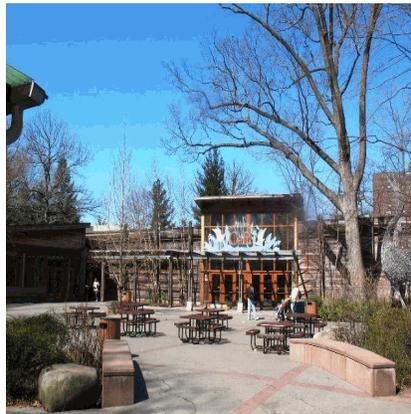
CAPITAL

Total

Priority

Total

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture		\$16,600		\$31,500
Interior Architecture		\$13,100		\$2,300
Electrical	\$1,600	\$2,100	\$2,500	\$12,800
Mechanical	\$1,200	\$1,100	\$2,100	\$1,100
Total	\$2,800	\$33,000	\$4,600	\$47,600
Priority A		\$16,600		\$31,500
Priority B	\$2,800	\$6,400	\$4,600	\$13,900
Priority C		\$9,900		\$2,300
Total	\$2,800	\$33,000	\$4,600	\$47,600



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

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
BRONX ZOO DANCING CRANE CAFE
Asset # : 2364

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Concrete Masonry Unit	25%			LIFE	**	5	\$2,400	A
Glazed Ceramic Panel	5%			LIFE	**	5	\$3,600	A
Masonry: Fieldstone	20%			LIFE	**	5	\$2,300	A
Metal Sect. OHD	5%			2036	**	5	\$2,400	A
Window Wall	5%			2043	**	5	\$2,900	A
Wood	40%			2036	**	5	\$30,800	A
Windows								
Wood	100%			2039	**	5	\$23,100	A
Roof								
Single Ply Membrane	100%			2028	**	10	\$30,000	A
Interior								
Floors								
Carpet	5%			2022	\$5,300	3	\$1,400	C
Cast in Place Concrete	5%			LIFE	**	5	\$2,000	C
Quarry Tile	70%			2036	**	5	\$19,000	C
Traffic Topping	20%			2028	**	5	\$4,500	C
Interior Walls								
Concrete Masonry Unit	5%			LIFE	**	5	\$100	C
Fabric on Framing	5%			2024	\$8,700	5	\$200	C
Fiberglass Panel	30%			LIFE	**			C
Gypsum Board	55%			LIFE	**	5	\$2,100	C
SGFT/Glazed Masonry	5%			LIFE	**			C
Ceilings								
AcousTileSusp.Lay-In	35%			2036	**	5	\$6,300	B
		<i>Water Penetration, Extent : Light, Area Affected : 5%</i>						
		<i>Location : Kitchen In Front Of Refrigerator Unit</i>						
Exposed Struc: Steel	5%			LIFE	**			B
Gypsum Board	60%			LIFE	**	5	\$13,500	B

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
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%							D
Transformers								
Not Accessible	100%							D
Feeders								
Not Accessible	100%							D
Raceway								
Not Accessible	100%							D
Under 600 Volts								

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

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
BRONX ZOO DANCING CRANE CAFE
Asset # : 2364

Electrical	Current Repair		Future Replacement		Maintenance		Priority Code	
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%			2043	**	5	\$100	B
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Electrical Room</i>						
		<i>Explanation : One 1600 Amps Main Disconnect Switch</i>						
Transformers								
Dry Type	100%			2036	**	5		B
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Electrical Room</i>						
		<i>Explanation : One 45 Kva 480hv-208/120lv & Two 15 Kva 480hv-208/120lv</i>						
Switchgear / Switchboard								
Fused Disc Sw	100%			2043	**	5	\$100	B
Raceway								
Conduit	100%			2043	**	1		B
Panelboards								
Fused Disc Sw	5%			2039	**	5		B
Molded Case Bkrs	95%			2039	**	5	\$300	B
Wiring								
Thermoplastic	100%			2043	**	1		B
Motor Controllers								
Locally Mounted	100%			2036	**	5	\$100	B
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$200	B
Stand-by Power								
Transfer Switches								
Automatic	100%			2036	**	1	\$4,000	B
Generators								
Diesel	100%			2032	**	1	\$5,100	B
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Outside</i>						
		<i>Explanation : One 53.6 Kw</i>						
Batteries								
Lead/Acid	100%			2017	\$600	5	\$500	B
Fuel Storage								
Main Tank	100%			2051	**	5	\$400	B
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Outside</i>						
		<i>Explanation : One 250 Gals</i>						
Lighting								

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

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
BRONX ZOO DANCING CRANE CAFE
Asset # : 2364

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Lighting								
Interior Lighting Fluorescent	70%			2028	**	10	\$7,700	B
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Throughout The Building</i>						
		<i>Explanation : T-12 Lamps</i>						
Fluorescent	30%			2028	**	10	\$3,300	B
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Throughout The Building</i>						
		<i>Explanation : Compact Fluorescent Lamps</i>						
Egress Lighting Emergency, Service	50%			2028	**	1		B
Exit, Service	50%			2028	**	1		B
Exterior Lighting HID	100%			2028	**	10		B
Alarm								
Fire/Smoke Detection Generic	100%			2028	**	1-3	\$8,100	B
Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating								
Energy Source Natural Gas	100%			2043	**	1		B
Conversion Equipment Furnace	100%			2028	**	1	\$6,000	B
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Roof</i>						
		<i>Explanation : 10 Roof Top Package Units</i>						
Air Conditioning								
Energy Source Electricity	100%			2039	**	1		B
Conversion Equipment Ext Pkg Unit - Heating/Cooling	100%			2028	**	2	\$700	B
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Roof</i>						
		<i>Explanation : 10 Roof Top Package Units</i>						
Ventilation								
Distribution Ductwork/Diffusers	100%			LIFE	**	2-5	\$6,700	B
Exhaust Fans Roof	100%			2028	**	2	\$400	B
Plumbing								
H/C Water Piping Brass/Copper	100%			2043	**	1		B

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

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
BRONX ZOO DANCING CRANE CAFE
Asset # : 2364

Mechanical	Current Repair		Future Replacement		Maintenance		Priority Code	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)		Estimated Cost
Plumbing								
Water Heater								
Gas Fired	100%			2021	\$3,200	2	\$200	B
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : 1st Floor Equipment Room</i>						
		<i>Explanation : 1 Hot Water Boiler, 1 Hot Water Heater</i>						
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		B
Backflow Preventer								
Generic	100%			2028	* *	1	\$700	B
Fixtures								
Generic	100%							B
Fire Suppression								
Sprinkler								
Generic	100%			2043	* *	1-2	\$3,400	B

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

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

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

Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : BRONX ZOO EAST ADMINISTRATION BUILDING
Address : BRONX RIVER PKWY & FORDHAM RD
Borough : BRONX Agency's Number : N/A
Program / Asset # : DCA0005.340 / 2350 Yr Built/Renovated : 1905 / 1994
Area Sq Ft : 16,176 Project Type : CULTURAL AFFAIRS
Date of Survey : 02-Apr-2012 Landmark Status : EXTERIOR LANDMARK
Areas Surveyed : Basement, Roof, Floors 1,2
Block : 3120 Lot : 20 BIN : 2116677

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Electrical		\$64,100
Total		\$64,100
Priority B		\$64,100
Total		\$64,100

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$8,400	\$300		\$8,700
Interior Architecture	\$500	\$1,700		\$1,200
Electrical		\$100		\$300
Mechanical	\$1,100	\$400	\$500	\$400
Total	\$9,900	\$2,500	\$600	\$10,500
Priority A	\$8,400	\$300		\$8,700
Priority B	\$1,100	\$500	\$600	\$1,800
Priority C	\$500	\$1,700		\$100
Total	\$9,900	\$2,500	\$600	\$10,500



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

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

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

**DEPARTMENT OF CULTURAL AFFAIRS - 126
BRONX ZOO EAST ADMINISTRATION BUILDING**

Asset # : 2350

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	**	5	\$1,800	A
Cast Stone/Terra Cotta	5%	Now	\$3,600	LIFE	**	5	\$2,800	A
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Over Window At South Facade</i>								
Masonry: Brick	80%			LIFE	**	5	\$5,700	A
Masonry: Limestone	10%	Now	\$4,800	LIFE	**	5	\$500	A
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : South Facade Over Windows</i>								
Windows								
Aluminum	100%			2031	**	5	\$600	A
Parapets								
Cast Stone/Terra Cotta	100%			LIFE	**	5	\$10,200	A
Roof								
Copper/Terne	95%			2038	**	10	\$8,700	A
Sloped Glazing	5%			LIFE	**	5	\$2,400	A
Interior								
Floors								
Carpet	70%			2019	\$20,300	3	\$4,800	C
Cast in Place Concrete	10%			LIFE	**	5	\$1,000	C
Ceramic Tile	5%			2026	**	5	\$200	C
Marble Panels	5%			LIFE	**	5	\$200	C
Vinyl Tile	10%	Now	\$500	2023	\$4,700	3	\$200	C
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Archive Room In Basement</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Base Of Stair In Basement</i>								
<i>Explanation : 9x9 Tiles</i>								
Interior Walls								
Concrete Masonry Unit	10%			LIFE	**	5	\$100	C
Gypsum Board	40%			LIFE	**	5	\$500	C
Masonry: Brick	10%			LIFE	**			C
Marble Panels	5%			LIFE	**			C
Plaster	25%			LIFE	**	5	\$100	C
Wood	10%			LIFE	**	5	\$800	C
Ceilings								
AcousTileSusp.Lay-In	50%			2028	**	5	\$2,300	B
Exposed Concrete	10%			LIFE	**	5	\$100	B
Gypsum Board	25%			LIFE	**	5	\$1,400	B
Plaster	15%			LIFE	**	5	\$400	B

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

Under 600 Volts

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

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

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

**DEPARTMENT OF CULTURAL AFFAIRS - 126
BRONX ZOO EAST ADMINISTRATION BUILDING**

Asset # : 2350

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
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%			2023	\$3,300	5	\$100	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : One 400 Amps Main Disconnect Switch</i>								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2023	\$64,100	5	\$400	B
Raceway								
Conduit	70%			2023	\$14,400	1		B
Conduit	20%			2033	**	1		B
Conduit	10%			2049	**	1		B
Panelboards								
Fused Disc Sw	10%			2022	\$2,400	5		B
Molded Case Bkrs	70%			2031	**	5	\$200	B
Molded Case Bkrs	20%			2045	**	5	\$100	B
Wiring								
Thermoplastic	20%			2049	**	1		B
Thermoplastic	80%			2033	**	1		B
Motor Controllers								
Locally Mounted	100%			2028	**	5	\$100	B
Ground								
Grounding Devices								
Not Accessible	100%							D
Lighting								
Interior Lighting								
Fluorescent	95%			2023	\$15,800	10	\$2,700	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : T-12 Lamps</i>								
Incandescent	5%			2023	\$800	2		B
Egress Lighting								
Emergency, Battery	50%			2023	\$700	10	\$400	B
Exit, Service	50%			2023	\$300	1		B
Exterior Lighting								
HID	60%			2023	\$3,600	10		B
Incandescent	40%			2023	\$2,900	2		B

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

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.*

**DEPARTMENT OF CULTURAL AFFAIRS - 126
BRONX ZOO EAST ADMINISTRATION BUILDING**

Asset # : 2350

Mechanical	Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	
Heating							
Energy Source							
HTHW/HW	50%			2033	**	1	
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
	<i>Location : From Cogeneration Plant</i>						
	<i>Explanation : Back-up</i>						
Natural Gas	50%			2043	**	1	B
Conversion Equipment							
Heat Exchanger	50%			2032	**	1	\$800 B
Hot Water Boiler	50%			2028	**	1	\$800 B
Distribution							
Hot Wtr Piping/Pump	100%			2039	**	4	\$200 B
Terminal Devices							
Convactor/Radiator	90%			2028	**	1	\$900 B
Fan Coil Unit/Heat	10%			2023	\$5,600	1	\$100 B
Air Conditioning							
Energy Source							
Electricity	100%			2031	**	1	B
Conversion Equipment							
Int Pkg Unit - Cooling	50%			2021	\$24,100	2	\$100 B
Reciprocating	20%			2028	**	1	\$300 B
Compr/Chiller							
Window/Wall Unit	15%			2021	\$1,200	1	B
No Component	15%						D
Distribution							
Chilled Wtr Pipe/Pump	20%			2043	**	4	B
No Component	80%						D
Terminal Devices							
Direct Expansion	20%			2028	**	1	B
No Component	80%						D
Heat Rejection							
Air Condenser Unit	20%			2028	**	2	\$400 B
No Component	80%						D
Ventilation							
Distribution							
Ductwork/Diffusers	100%			LIFE	**	2-5	\$1,700 B
Exhaust Fans							
Interior	100%			2028	**	2	\$100 B
Plumbing							
H/C Water Piping							
Brass/Copper	100%			2043	**	1	B
Water Heater							
Gas Fired	100%			2021	\$900	2	B
HW Heat Exchanger							
HTHW/HW	100%			2043	**		B
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
	<i>Location : Basement</i>						
	<i>Explanation : 1 Unit</i>						

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

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

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

**DEPARTMENT OF CULTURAL AFFAIRS - 126
BRONX ZOO EAST ADMINISTRATION BUILDING**

Asset # : 2350

Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Plumbing								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		B
Sump Pump(s)								
Rigid Piping	100%			2023	\$11,100	4	\$2,000	B
Fixtures								
Generic	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.*

Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : BRONX ZOO EDUCATION BUILDING-#35
Address : BRONX RIVER PKWY & FORDHAM RD
Borough : BRONX **Agency's Number** : N/A
Program / Asset # : DCA0005.350 / 2655 **Yr Built/Renovated** : 1910 / 1997
Area Sq Ft : 11,840 **Project Type** : CULTURAL AFFAIRS
Date of Survey : 02-Apr-2012 **Landmark Status** : EXTERIOR LANDMARK
Areas Surveyed : Basement, Roof, Floors 1
Block : 3120 **Lot** : 20 **BIN** : 2116678

CAPITAL

Total

Priority

Total

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$52,700	\$900		\$7,500
Interior Architecture		\$1,300	\$100	\$1,400
Electrical	\$600	\$800	\$500	\$900
Mechanical	\$1,000	\$300	\$700	\$300
Total	\$54,200	\$3,300	\$1,400	\$10,100
Priority A	\$52,700	\$900		\$7,500
Priority B	\$1,500	\$1,100	\$1,300	\$2,600
Priority C		\$1,300	\$100	
Total	\$54,200	\$3,300	\$1,400	\$10,100



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

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
BRONX ZOO EDUCATION BUILDING-#35
Asset # : 2655

Architecture	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	20%	Now	\$5,600	LIFE	**	5	\$800	A
	<i>Cracking/Crumbling, Extent : Severe, Area Affected : 15%</i>							
	<i>Location : Above Vents Throughout</i>							
	<i>Efflorescence, Extent : Light, Area Affected : 5%</i>							
	<i>Location : Throughout</i>							
	<i>Spalling, Extent : Moderate, Area Affected : 10%</i>							
	<i>Location : Building Base</i>							
	<i>Worn/Eroded, Extent : Moderate, Area Affected : 10%</i>							
	<i>Location : Building Base</i>							
Masonry: Brick	65%			LIFE	**	5	\$2,500	A
Masonry: Limestone	5%	Now	\$7,900	LIFE	**	5	\$100	A
	<i>Cracking/Crumbling, Extent : Severe, Area Affected : 20%</i>							
	<i>Location : Above Vents Throughout</i>							
Masonry: Limestone	10%			LIFE	**	5	\$300	A
Windows								
Metal Clad	50%	Now	\$11,300	2048	**	5	\$600	A
	<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 35%</i>							
	<i>Location : Basement</i>							
	<i>Thermally Inefficient, Extent : Moderate, Area Affected : 50%</i>							
	<i>Location : Basement</i>							
	<i>Unit Inoperable, Extent : Moderate, Area Affected : 50%</i>							
	<i>Location : Basement</i>							
Wood	50%			2031	**	5	\$1,800	A
Parapets								
Masonry: Limestone	100%	Now	\$27,800	LIFE	**	5	\$1,800	A
	<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%</i>							
	<i>Location : Cornice</i>							
Roof								
Built-Up (BUR)	25%			2023	\$5,800	10	\$1,000	A
Copper/Terne	75%			2038	**	10	\$7,500	A
Interior								
Floors								
Carpet	75%			2019	\$16,000	3	\$3,800	C
Cast in Place Concrete	5%			LIFE	**	5	\$400	C
Vinyl Tile	20%			2023	\$6,900	3	\$300	C
Interior Walls								
Concrete Masonry Unit	10%			LIFE	**	5	\$100	C
Gypsum Board	60%			LIFE	**	5	\$500	C
Masonry: Brick	5%			LIFE	**			C
Plaster	25%			LIFE	**	5	\$100	C
Ceilings								
AcousTileSusp.Lay-In	85%			2028	**	5	\$2,800	B
Plaster	15%			LIFE	**	5	\$300	B

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

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
BRONX ZOO EDUCATION BUILDING-#35
Asset # : 2655

Electrical	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Over 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2043	**	3		B
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Electrical Room</i>							
	<i>Explanation : One 600 Amps Main Disconnect Switch</i>							
Transformers								
Dry Type	100%			2036	**	3	\$100	B
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Electrical Room</i>							
	<i>Explanation : One 225 Kva, 4160hv-208/120lv</i>							
Feeders								
Cable	100%			2039	**	1		B
Raceway								
Conduit	100%			2043	**	1		B
Under 600 Volts								
Transformers								
Dry Type	100%			2036	**	5		B
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Electrical Room</i>							
	<i>Explanation : One 30 Kva 208v Primary - 480/277v Secondary</i>							
Switchgear / Switchboard								
Fused Disc Sw	100%			2043	**	5		B
Raceway								
Conduit	50%			2033	**	1		B
Conduit	50%			2043	**	1		B
Panelboards								
Fused Disc Sw	10%			2031	**	5		B
Molded Case Bkrs	50%			2039	**	5	\$100	B
Molded Case Bkrs	40%			2031	**	5	\$100	B
Wiring								
Thermoplastic	50%			2043	**	1		B
Thermoplastic	50%			2033	**	1		B
Motor Controllers								
Locally Mounted	70%			2036	**	5		B
Locally Mounted	30%			2028	**	5		B
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$100	B
Lighting								
Interior Lighting								
Fluorescent	48%			2023	\$5,800	10	\$1,000	B
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Basement & Some 1st Floor</i>							
	<i>Explanation : T-12 Lamps</i>							
Fluorescent	50%			2031	**	10	\$1,000	B
Incandescent	2%			2023	\$200	2		B

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

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
BRONX ZOO EDUCATION BUILDING-#35
Asset # : 2655

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Lighting								
Egress Lighting								
Emergency, Battery	50%			2028	**	10	\$300	B
Exit, Service	50%			2028	**	1		B
Exterior Lighting								
HID	100%			2023	\$4,300	10		B
Alarm								
Fire/Smoke Detection								
Generic	100%			2028	**	1-3	\$6,000	B
Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
HTHW/HW	50%			2033	**	1		B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : From Cogeneration Plant</i>								
<i>Explanation : Back-up</i>								
Natural Gas	50%			2043	**	1		B
Conversion Equipment								
Heat Exchanger	50%			2032	**	1	\$600	B
<i>Other Observation, Extent : Light, Area Affected : 50%</i>								
<i>Location : Basement</i>								
<i>Explanation : 1 Unit</i>								
Hot Water Boiler	50%			2036	**	1	\$600	B
<i>Other Observation, Extent : Light, Area Affected : 50%</i>								
<i>Location : Basement</i>								
<i>Explanation : 1 Unit</i>								
Distribution								
Hot Wtr Piping/Pump	100%			2039	**	4	\$200	B
Terminal Devices								
Air Handler	50%			2023	\$7,400	1	\$700	B
Convactor/Radiator	50%			2028	**	1	\$400	B
Air Conditioning								
Energy Source								
Electricity	100%			2031	**	1		B
Conversion Equipment								
Reciprocating Compr/Chiller	70%			2023	\$6,500	1	\$700	B
<i>Other Observation, Extent : Light, Area Affected : 80%</i>								
<i>Location : Rear Yard</i>								
<i>Explanation : 4 Units</i>								
No Component	30%							D
Distribution								
Chilled Wtr Pipe/Pump	70%			2033	**	4	\$100	B
No Component	30%							D

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DEPARTMENT OF CULTURAL AFFAIRS - 126
BRONX ZOO EDUCATION BUILDING-#35
Asset # : 2655

Mechanical	Current Repair		Future Replacement		Maintenance		Priority Code	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)		Estimated Cost
Air Conditioning								
Terminal Devices								
Direct Expansion	70%	Now	\$400	2023	\$4,200	1		B
<i>Leak Evident, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : The Drip Pan, 1st Floor</i>								
No Component	30%							D
Heat Rejection								
Air Condenser Unit	70%			2023	\$2,700	2	\$1,100	B
No Component	30%							D
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$1,200	B
Exhaust Fans								
Interior	100%			2028	**	2	\$100	B
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2033	**	1		B
Water Heater								
Gas Fired	100%			2021	\$600	2		B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : 2 Units</i>								
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		B
Fixtures								
Generic	100%							B

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

Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : BRONX ZOO EDUCATIONAL SERVICES-#11
Address : BRONX RIVER PKWY & FORDHAM RD
Borough : BRONX **Agency's Number** : N/A
Program / Asset # : DCA0005.110 / 2347 **Yr Built/Renovated** : 1915 /
Area Sq Ft : 6,425 **Project Type** : CULTURAL AFFAIRS
Date of Survey : 03-Apr-2012 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1
Block : 3120 **Lot** : 20 **BIN** : 2116679

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Exterior Architecture		\$57,100
Electrical	\$61,800	
Total	\$61,800	\$57,100
Priority A		\$57,100
Priority B	\$61,800	
Total	\$61,800	\$57,100

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$18,400	\$900		\$900
Interior Architecture	\$29,400	\$200		\$1,400
Electrical	\$4,200	\$300	\$400	\$25,500
Mechanical	\$10,500	\$400	\$700	\$27,000
Total	\$62,400	\$1,800	\$1,100	\$54,900
Priority A	\$18,400	\$900		\$900
Priority B	\$15,200	\$700	\$1,100	\$52,600
Priority C	\$28,800	\$200		\$1,400
Total	\$62,400	\$1,800	\$1,100	\$54,900



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

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
BRONX ZOO EDUCATIONAL SERVICES-#11
Asset # : 2347

Architecture	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	**	5	\$1,000	A
Masonry: Brick	85%			LIFE	**	5	\$2,300	A
Masonry: Limestone	5%	Now	\$3,700	LIFE	**	5	\$100	A
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
Wood	5%	Now	\$2,500	2028	**	5	\$300	A
<i>Split/Cracked, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
Windows								
Aluminum	90%			2031	**	5	\$1,800	A
Wood	10%	Now	\$6,400	2048	**	5	\$1,000	A
<i>Deteriorated Finish, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Thermally Inefficient, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Basement</i>								
<i>Split/Cracked, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Basement</i>								
Roof								
Cement-Fiber Panel	95%	Now	\$5,700	2019	\$57,100	5	\$2,300	A
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
Copper/Terne	5%			2038	**	10	\$900	A
Interior								
Floors								
Ceramic Tile	5%			2026	**	5	\$200	C
Quarry Tile	30%			2028	**	5	\$2,100	C
Vinyl Tile	65%	0-2	\$28,800	2033	**	3	\$1,100	C
<i>Worn/Eroded, Extent : Moderate, Area Affected : 45%</i>								
<i>Location : Throughout</i>								
Interior Walls								
Ceramic Tile	5%			2026	**	5	\$200	C
Gypsum Board	20%			LIFE	**	5	\$500	C
Plaster	35%			LIFE	**	5	\$500	C
Plywood/Hardboard	40%			LIFE	**			C
Ceilings								
AcousTileConcealSpLn	10%	Now	\$600	2036	**	5	\$200	B
<i>Water Penetration, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Classroom</i>								
Gypsum Board	60%			LIFE	**	5	\$2,700	B
Plaster	30%			LIFE	**	5	\$700	B

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
BRONX ZOO EDUCATIONAL SERVICES-#11
Asset # : 2347

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
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%			2023	\$1,600	5	\$100	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Kitchen</i>								
<i>Explanation : One 125 Amps Main Disconnect Switch</i>								
<hr/>								
Transformers								
Dry Type	100%			2021	\$13,900	5		B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : One 30 Kva, 480hv-208/120lv</i>								
<hr/>								
Raceway								
Conduit	100%			2023	\$5,800	1		B
<hr/>								
Panelboards								
Fused Disc Sw	10%			2022	\$1,100	5		B
Molded Case Bkrs	90%			2022	\$10,100	5	\$100	B
<hr/>								
Wiring								
Braided Cloth	70%	2-4	\$3,800	2048	* *	1		B
<i>Insulation Aged, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Thermoplastic	30%			2023	\$1,600	1		B
<hr/>								
Motor Controllers								
Locally Mounted	100%			2021	\$5,200	5		B
<hr/>								
Lighting								
Interior Lighting								
Fluorescent	95%			2018	\$17,500	10	\$2,700	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : T-12 Lamps</i>								
Incandescent	5%			2018	\$900	2		B
<hr/>								
Egress Lighting								
Emergency, Battery	50%			2018	\$600	10	\$400	B
Exit, Service	50%			2018	\$300	1		B
<hr/>								
Exterior Lighting								
HID	50%			2018	\$1,100	10		B
Incandescent	50%			2018	\$1,600	2		B
<hr/>								
Alarm								
Fire/Smoke Detection								
Generic	100%			2018	\$61,800	1-3	\$3,300	B

Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Natural Gas	100%			2033	* *	1		B

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Estimates are rounded to the nearest hundred dollars.

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
BRONX ZOO EDUCATIONAL SERVICES-#11
Asset # : 2347

Mechanical	Current Repair		Future Replacement		Maintenance		Priority Code	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating								
Conversion Equipment								
Hot Water Boiler	100%			2028	**	1	\$1,600	B
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Basement</i>						
		<i>Explanation : 2 Units</i>						
Distribution								
Hot Wtr Piping/Pump	100%			2031	**	4	\$200	B
Terminal Devices								
Air Handler	100%			2018	\$19,100	1	\$1,900	B
Air Conditioning								
Energy Source								
Electricity	100%			2031	**	1		B
Conversion Equipment								
Int Pkg Unit - Heating/Cooling	20%			2021	\$14,100	2		B
Window/Wall Unit	50%			2018	\$3,600	1		B
No Component	30%							D
Heat Rejection								
Air Condenser Unit	20%			2023	\$1,000	2	\$400	B
No Component	80%							D
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$1,700	B
Exhaust Fans								
Interior	100%			2018	\$3,900	2	\$100	B
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2033	**	1		B
Water Heater								
Gas Fired	100%			2021	\$800	2		B
Sanitary Piping								
Cast Iron	100%	Now	\$3,100	LIFE	**	1		B
		<i>Corroded, Extent : Moderate, Area Affected : 30%</i>						
		<i>Location : Throughout</i>						
Sump Pump(s)								
Submersible	100%			2015	\$6,200	4	\$2,000	B
Fixtures								
Generic	100%							B

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

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

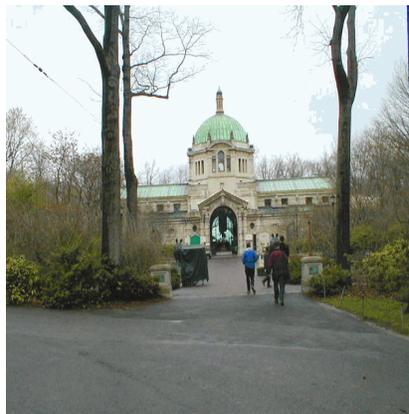
Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : BRONX ZOO ELEPHANT HOUSE-#37
Address : BRONX RIVER PKWY & FORDHAM RD
Borough : BRONX **Agency's Number** : N/A
Program / Asset # : DCA0005.370 / 2352 **Yr Built/Renovated** : 1905 / 1999
Area Sq Ft : 14,320 **Project Type** : CULTURAL AFFAIRS
Date of Survey : 03-Apr-2012 **Landmark Status** : EXTERIOR LANDMARK
Areas Surveyed : Basement, Roof, Floors 1
Block : 3120 **Lot** : 20 **BIN** : 2116680

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$180,300	\$50,300
Electrical		\$148,900
Mechanical	\$80,400	\$44,500
Total	\$260,700	\$243,700
Priority A	\$180,300	\$50,300
Priority B	\$80,400	\$193,400
Total	\$260,700	\$243,700

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$1,500	\$2,100		\$2,600
Interior Architecture		\$3,600	\$100	\$5,300
Electrical	\$1,500	\$3,600	\$1,700	\$1,900
Mechanical	\$13,800	\$1,400	\$2,300	\$32,900
Total	\$16,700	\$10,800	\$4,100	\$42,700
Priority A	\$1,500	\$2,100		\$2,600
Priority B	\$15,300	\$5,100	\$4,000	\$35,300
Priority C		\$3,600	\$100	\$4,800
Total	\$16,700	\$10,800	\$4,100	\$42,700



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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DEPARTMENT OF CULTURAL AFFAIRS - 126
BRONX ZOO ELEPHANT HOUSE-#37
Asset # : 2352

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	2%			LIFE	**	5	\$4,300	A
Masonry: Brick	3%	Now	\$1,500	LIFE	**	5	\$800	A
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Electrical Room Entrance</i>								
Masonry: Granite	5%			LIFE	**	5	\$1,000	A
Masonry: Limestone	85%	Now	\$69,800	LIFE	**	5	\$17,400	A
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : North Facade</i>								
Window Wall	5%			2033	**	5	\$5,100	A
Windows								
Wood	100%			2031	**	5	\$4,300	A
Parapets								
Masonry: Limestone	100%	Now	\$37,600	LIFE	**	5	\$4,900	A
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Cornice</i>								
Roof								
Copper/Terne	80%			2051	**	10	\$50,300	A
Skylight, Metal/Glass	20%	Now	\$72,900	2033	**			A
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
Interior								
Floors								
Carpet	40%			2019	\$46,300	3	\$10,900	C
Cast in Place Concrete	20%			LIFE	**	5	\$8,000	C
Quarry Tile	35%			2028	**	5	\$9,600	C
Vinyl Tile	5%			2023	\$9,300	3	\$300	C
Interior Walls								
Cast Stone/Terra Cotta	35%			LIFE	**			C
Masonry: Brick	45%			LIFE	**			C
<i>Efflorescence, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Rhino Exhibit</i>								
Masonry: Limestone	10%			LIFE	**			C
Metal Panel	5%			LIFE	**			C
Wood	5%			LIFE	**	5	\$5,000	C
Ceilings								
AcousTileConcealSpLn	5%			2028	**	5	\$1,100	B
Masonry: Infill Arch	95%			LIFE	**			B

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

Over 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.

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DEPARTMENT OF CULTURAL AFFAIRS - 126
BRONX ZOO ELEPHANT HOUSE-#37
Asset # : 2352

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Over 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2033	**	3	\$100	B
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Electrical Room</i>							
	<i>Explanation : One 600 Amps Main Disconnect Switch</i>							
Transformers								
Dry Type	100%			2028	**	3	\$100	B
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Electrical Room</i>							
	<i>Explanation : One 300 Kva, 4160 Hv - 480/277 Lv</i>							
Feeders								
Cable	100%			2031	**	1		B
Raceway								
Conduit	100%			2033	**	1		B
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2033	**	5	\$100	B
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Electrical Room</i>							
	<i>Explanation : One 200 Amps Main Disconnect Switch</i>							
Transformers								
Dry Type	100%			2028	**	5		B
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Electrical Room</i>							
	<i>Explanation : One 112 Kva, 480 Hv - 208/120 Lv, And One 15 Kva 480 Hv - 208/120 Lv</i>							
Switchgear / Switchboard								
Molded Case Bkrs	100%			2033	**	5	\$300	B
Raceway								
Conduit	100%			2033	**	1		B
Panelboards								
Fused Disc Sw	5%			2031	**	5		B
Molded Case Bkrs	95%			2031	**	5	\$300	B
Wiring								
Thermoplastic	100%			2033	**	1		B
Motor Controllers								
Locally Mounted	100%			2028	**	5	\$100	B
Stand-by Power								
Transfer Switches								
Automatic	100%			2028	**	1	\$3,600	B
Generators								
Diesel	100%			2026	**	1	\$4,500	B
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Electrical Room</i>							
	<i>Explanation : One 125 Kw</i>							
Batteries								
Nickel Cadmium	100%			2016		5	\$2,600	B

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

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
BRONX ZOO ELEPHANT HOUSE-#37
Asset # : 2352

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Stand-by Power								
Fuel Storage								
Main Tank	100%			2038	**	5	\$400	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Generator Room</i>								
<i>Explanation : One 280 Gals</i>								
Lighting								
Interior Lighting								
Fluorescent	75%			2023	\$21,800	10	\$8,400	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : T-12 Lamps</i>								
Incandescent	25%			2023	\$7,300	2	\$100	B
Egress Lighting								
Exit, Service	100%			2023	\$2,200	1		B
Exterior Lighting								
HID	100%			2023	\$800	10		B
Alarm								
Fire/Smoke Detection								
Generic	100%			2023	\$148,900	1-3	\$7,200	B
Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
HTHW/HW	50%			2033	**	1		B
<i>Other Observation, Extent : Light, Area Affected : 50%</i>								
<i>Location : From Cogeneration Plant</i>								
<i>Explanation : Back-up</i>								
Natural Gas	50%			2033	**	1		B
Conversion Equipment								
Heat Exchanger	50%			2026	**	1	\$3,000	B
Hot Water Boiler	50%			2028	**	1	\$3,000	B
<i>Other Observation, Extent : Light, Area Affected : 50%</i>								
<i>Location : Basement</i>								
<i>Explanation : 2 Units</i>								
Distribution								
Hot Wtr Piping/Pump	100%	0-2	\$7,500	2031	**	4	\$600	B
<i>Corroded, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Basement</i>								
Terminal Devices								
Air Handler	100%			2018	\$80,400	1	\$7,500	B
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$6,800	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.

DEPARTMENT OF CULTURAL AFFAIRS - 126
BRONX ZOO ELEPHANT HOUSE-#37
Asset # : 2352

Mechanical System Component Type	Current Repair		Future Replacement		Maintenance		Priority Code
	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	
Ventilation							
Exhaust Fans							
Interior	100%			2018	\$19,700	2	\$400 B
Plumbing							
H/C Water Piping							
Galv Iron/Steel	100%	0-2	\$4,500	2021	\$44,500	1	B
			<i>Corroded, Extent : Moderate, Area Affected : 20%</i>				
			<i>Location : Basement</i>				
HW Heat Exchanger							
Low Temp	100%	0-2	\$500	2023	\$4,600	4	\$1,200 B
			<i>Corroded, Extent : Moderate, Area Affected : 20%</i>				
			<i>Location : Basement</i>				
Sanitary Piping							
Cast Iron	100%			LIFE	**	1	B
Sump Pump(s)							
Rigid Piping	100%			2018	\$11,100	4	\$1,300 B
Backflow Preventer							
Not Accessible	100%						D
Fixtures							
Generic	100%						B

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

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

Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : BRONX ZOO GIRAFFE BUILDING
Address : BRONX RIVER PKWY & FORDHAM RD
Borough : BRONX **Agency's Number** : N/A
Program / Asset # : DCA0005.560 / 2333 **Yr Built/Renovated** : 1980 /
Area Sq Ft : 8,020 **Project Type** : CULTURAL AFFAIRS
Date of Survey : 04-Apr-2012 **Landmark Status** : NONE
Areas Surveyed : Roof, Floors 1
Block : 3120 **Lot** : 20 **BIN** : 2116681

CAPITAL		FY 2015 - 2018	FY 2019 - 2024
Exterior Architecture			\$96,300
Interior Architecture			\$69,200
Total			\$165,400
Priority A			\$96,300
Priority B			\$69,200
Total			\$165,400

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$23,700			\$1,600
Interior Architecture	\$10,000			
Electrical			\$100	\$700
Mechanical	\$900	\$700	\$1,200	\$1,000
Total	\$34,600	\$700	\$1,300	\$3,400
Priority A	\$23,700			\$1,600
Priority B	\$900	\$700	\$1,300	\$1,700
Priority C	\$10,000			
Total	\$34,600	\$700	\$1,300	\$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.*

DEPARTMENT OF CULTURAL AFFAIRS - 126
BRONX ZOO GIRAFFE BUILDING
Asset # : 2333

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Concrete Masonry Unit	95%			LIFE	**	5	\$9,100	A
Metal Panel	5%			2033	**	5-10	\$5,300	A
Windows								
Aluminum	100%	0-2	\$4,600	2039	**	5	\$100	A
<i>Glazing Clouded, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Unit Inoperable, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
Parapets								
Concrete Masonry Unit	95%			LIFE	**	5	\$2,300	A
Metal Panel	5%			2033	**	5	\$400	A
Roof								
Modified Bitumen	95%	Now	\$9,600	2023	\$96,300			A
<i>Miss/Damaged Flashings, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Seams Open/Split, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Over First Floor</i>								
Skylight, Metal/Glass	5%	0-2	\$9,400	2043	**			A
<i>Glazing Broken/Cracked, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Interior								
Floors								
Cast in Place Concrete	35%			LIFE	**	5	\$7,800	C
Panel/Paver: Cer/Brk	35%	0-2	\$7,600	2031	**	5	\$4,000	C
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout Public Space</i>								
Quarry Tile	15%	0-2	\$2,400	2028	**	5	\$1,100	C
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout Public Space</i>								
Steel Grating	15%			2033	**	1		C
Interior Walls								
Concrete Masonry Unit	80%			LIFE	**	5	\$4,500	C
Plaster	20%			LIFE	**	5	\$800	C
Ceilings								
Fiber Board	75%			2023	\$69,200			B
Plaster	20%			LIFE	**	5	\$1,300	B
Wood	5%			LIFE	**	5	\$4,500	B

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

Under 600 Volts

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

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
BRONX ZOO GIRAFFE BUILDING
Asset # : 2333

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2023	\$1,000	5		B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : One 100 Amps Main Disconnect Switch</i>								
Transformers								
Dry Type	100%			2036	* *	5		B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Outside The Building</i>								
<i>Explanation : One 45 Kva 480hv-208/120lv</i>								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2023	\$19,800	5	\$200	B
Raceway								
Conduit	100%			2023	\$21,500	1		B
Panelboards								
Fused Disc Sw	5%			2022	\$600	5		B
Molded Case Bkrs	95%			2022	\$10,700	5	\$200	B
Wiring								
Thermoplastic	100%			2023	\$15,100	1		B
Motor Controllers								
Locally Mounted	100%			2021	\$4,200	5		B
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	\$100	B
Lighting								
Interior Lighting								
Fluorescent	90%			2023	\$13,500	10	\$5,600	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : T-12 Lamps</i>								
Fluorescent	10%			2028	* *	10	\$600	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Wild Dog Exhibit</i>								
<i>Explanation : T-5 Lamps</i>								
Egress Lighting								
Emergency, Battery	50%			2023	\$1,400	10	\$800	B
Exit, Service	50%			2023	\$600	1		B
Exterior Lighting								
HID	100%			2023	\$400	10		B

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

Heating

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF CULTURAL AFFAIRS - 126
BRONX ZOO GIRAFFE BUILDING
Asset # : 2333

Mechanical	Current Repair		Future Replacement		Maintenance		Priority Code	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)		Estimated Cost
Heating								
Energy Source								
Natural Gas	10%			2043	**	1		B
Interruptible Gas/Dual Fuel	90%			2043	**	1		B
Conversion Equipment								
Furnace	10%			2028	**	1	\$300	B
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : Wild Dog Area, 1st Floor</i>								
<i>Explanation : 1 Unit</i>								
Hot Water Boiler	90%			2021	\$15,600	1	\$3,000	B
<i>Other Observation, Extent : Light, Area Affected : 90%</i>								
<i>Location : Boiler Room</i>								
<i>Explanation : 1 Unit</i>								
Distribution								
Hot Wtr Piping/Pump	90%			2031	**	4	\$500	B
No Component	10%							D
Terminal Devices								
Air Handler	60%			2023	\$25,000	1	\$2,500	B
Convactor/Radiator	10%			2028	**	1	\$200	B
Fan Coil Unit/Heat	20%			2023	\$23,100	1	\$400	B
No Component	10%							D
Air Conditioning								
Energy Source								
Electricity	100%			2031	**	1		B
Conversion Equipment								
Window/Wall Unit	2%			2018	\$300	1		B
No Component	98%							D
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$3,800	B
Exhaust Fans								
Interior	70%			2023	\$7,100	2	\$100	B
Roof	30%			2023	\$1,800	2	\$100	B
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2033	**	1		B
Water Heater								
Electric	100%			2022	\$1,200	4		B
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		B
Storm Drain Piping								
Cast Iron	100%			LIFE	**	1		B
Fixtures								
Generic	100%							B

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

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

Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : BRONX ZOO GRAPHICS BUILDING
Address : BRONX RIVER PKWY & FORDHAM RD
Borough : BRONX **Agency's Number** : N/A
Program / Asset # : DCA0005.430 / 2331 **Yr Built/Renovated** : 1935 / 2002
Area Sq Ft : 9,690 **Project Type** : CULTURAL AFFAIRS
Date of Survey : 05-Apr-2012 **Landmark Status** : NONE
Areas Surveyed : Basement, Floors 1,2
Block : 3120 **Lot** : 20 **BIN** : 2116682

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Electrical	\$49,400	
Total	\$49,400	
Priority B	\$49,400	
Total	\$49,400	

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$76,000	\$100		\$500
Interior Architecture	\$11,200	\$500		
Electrical	\$2,800	\$100	\$100	\$200
Mechanical	\$2,500	\$200	\$200	\$5,900
Total	\$92,500	\$900	\$300	\$6,700
Priority A	\$76,000	\$100		\$500
Priority B	\$10,000	\$200	\$300	\$6,200
Priority C	\$6,600	\$500		
Total	\$92,500	\$900	\$300	\$6,700



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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
BRONX ZOO GRAPHICS BUILDING
Asset # : 2331

Architecture	Current Repair			Future Replacement		Maintenance		Priority Code
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	\$27,300	LIFE	**	5	\$2,100	A
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 20%</i>								
<i>Location : West Entrance And East Stairs</i>								
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : West Entrance</i>								
Masonry: Brick	75%	Now	\$32,000	LIFE	**	5	\$3,200	A
<i>Horizontal Cracks, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Vegetation Growth, Extent : Severe, Area Affected : 25%</i>								
<i>Location : East Facade</i>								
<i>Vertical Cracks, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Near Basement Entrance</i>								
Stucco Cement	10%			2028	**	5	\$1,100	A
Wood	5%	Now	\$4,000	2036	**	5	\$500	A
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : At Main Entrance</i>								
<i>Deteriorated Finish, Extent : Light, Area Affected : 10%</i>								
<i>Location : At Main Entrance</i>								
Windows								
Aluminum	35%			2031	**	5	\$100	A
Wood	65%	Now	\$7,800	2048	**	5	\$1,300	A
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Thermally Inefficient, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Split/Cracked, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	**	5	\$300	A
Masonry: Brick	95%	0-2	\$5,000	LIFE	**	5	\$700	A
<i>Water Penetration, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
Roof								
Skylight, Plastic	3%			2028	**	1		A
Not Accessible	97%							D

Interior

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

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
BRONX ZOO GRAPHICS BUILDING
Asset # : 2331

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
Floors								
Carpet	40%			2019	\$6,400	3	\$1,600	C
Cast in Place Concrete	40%			LIFE	**	5	\$2,400	C
Ceramic Tile	10%	0-2	\$6,000	2038	**	5	\$100	C
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : First Floor</i>								
<i>Deteriorated Finish, Extent : Severe, Area Affected : 25%</i>								
<i>Location : First Floor</i>								
Vinyl Tile	10%	0-2	\$500	2028	**	3	\$100	C
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Second Floor</i>								
<i>Loose/Delam Surface, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Second Floor</i>								
Interior Walls								
Cast in Place Concrete	5%			LIFE	**			C
Concrete Masonry Unit	20%			LIFE	**	5	\$100	C
Gypsum Board	35%			LIFE	**	5	\$200	C
Masonry: Brick	40%			LIFE	**			C
Ceilings								
Exposed Concrete	30%			LIFE	**	5	\$100	B
Exposed Concrete	5%	Now	\$2,100	LIFE	**	5		B
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Beam Over Second Floor Exit</i>								
<i>Exposed Reinforcement, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Boiler Room</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Second Floor Offices</i>								
Gypsum Board	15%			LIFE	**	5	\$500	B
Gypsum Board	10%	Now	\$700	LIFE	**	5	\$300	B
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : 2002 Addition</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : 2002 Addition</i>								
Plaster	40%	0-2	\$1,900	LIFE	**	5	\$700	B
<i>Water Penetration, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Along Perimeter Of Second Floor</i>								

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

Under 600 Volts

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

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
BRONX ZOO GRAPHICS BUILDING
Asset # : 2331

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
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	35%			2023	\$600	5		B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : One 400 Amps Main Disconnect Switch</i>								
Fused Disc Sw	35%			2023	\$600	5		B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : One 200 Amps Main Disconnect Switch</i>								
Fused Disc Sw	30%			2043	**	5		B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : One 200 Amps Main Disconnect Switch</i>								
Switchgear / Switchboard								
Fused Knife Sw	100%	2-4	\$49,400	2053	**	5		B
<i>Obsolete Equipment, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>On Extended Life, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
Raceway								
Conduit	80%			2023	\$7,600	1		B
Conduit	20%			2033	**	1		B
Panelboards								
Fused Disc Sw	10%			2031	**	5		B
Molded Case Bkrs	50%			2022	\$5,600	5	\$100	B
Molded Case Bkrs	40%			2031	**	5	\$100	B
Wiring								
Braided Cloth	30%	2-4	\$2,800	2048	**	1		B
<i>Insulation Aged, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
Thermoplastic	45%			2023	\$4,200	1		B
Thermoplastic	20%			2033	**	1		B
Thermoplastic	5%			2043	**	1		B
Motor Controllers								
Locally Mounted	100%			2021	\$8,000	5	\$100	B
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$100	B
Lighting								
Interior Lighting								
Fluorescent	90%			2023	\$8,300	10	\$1,500	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : T-12 Lamps</i>								
Incandescent	10%			2023	\$900	2		B

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

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DEPARTMENT OF CULTURAL AFFAIRS - 126
BRONX ZOO GRAPHICS BUILDING
Asset # : 2331

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Lighting								
Egress Lighting								
Emergency, Battery	50%			2028	**	10	\$200	B
Exit, Service	50%			2028	**	1		B
Exterior Lighting								
HID	50%			2023	\$1,600	10		B
Incandescent	50%			2023	\$2,000	2		B
Mechanical								
Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Natural Gas	100%			2033	**	1		B
Conversion Equipment								
Hot Water Boiler	100%			2021	\$4,700	1	\$900	B
				<i>Other Observation, Extent : Light, Area Affected : 100%</i>				
				<i>Location : Basement</i>				
				<i>Explanation : 1 Unit</i>				
Distribution								
Hot Wtr Piping/Pump	100%			2031	**	4	\$100	B
Terminal Devices								
Convactor/Radiator	100%			2028	**	1	\$600	B
Air Conditioning								
Energy Source								
Electricity	100%			2031	**	1		B
Conversion Equipment								
Ext Pkg Unit - Cooling	40%			2018	\$3,800	2		B
				<i>R-22 Refrigerant, Extent : Light, Area Affected : 40%</i>				
				<i>Location : Roof</i>				
Window/Wall Unit	30%			2018	\$1,300	1		B
No Component	30%							D
Ventilation								
Distribution								
Ductwork/Diffusers	40%			LIFE	**	2-5	\$400	B
No Component	60%							D
Exhaust Fans								
Roof	40%			2018	\$700	2		B
Wall Unit	20%			2023	\$600	2		B
No Component	40%							D
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2033	**	1		B
Water Heater								
Gas Fired	100%			2021	\$500	2		B

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DEPARTMENT OF CULTURAL AFFAIRS - 126
BRONX ZOO GRAPHICS BUILDING
Asset # : 2331

Mechanical	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Plumbing								
Sanitary Piping								
Cast Iron	100%	0-2	\$2,300	LIFE	* *	1		B
			<i>Corroded, Extent : Moderate, Area Affected : 15%</i>					
			<i>Location : Basement</i>					
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		B
Fixtures								
Generic	100%							B
Fire Suppression								
Sprinkler								
No Component	95%							D
Generic	5%			2033	* *	1-2		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.

Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : BRONX ZOO JUNGLE WORLD
Address : BRONX RIVER PKWY & FORDHAM RD
Borough : BRONX Agency's Number : N/A
Program / Asset # : DCA0005.880 / 2361 Yr Built/Renovated : 1985 /
Area Sq Ft : 18,350 Project Type : CULTURAL AFFAIRS
Date of Survey : 12-Apr-2012 Landmark Status : NONE
Areas Surveyed : Basement, Roof, Floors 1,2,3
Block : 3120 Lot : 20 BIN : 2116683

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$49,300	\$50,900
Interior Architecture		\$68,100
Electrical		\$61,400
Mechanical		\$124,800
Total	\$49,300	\$305,300
Priority A	\$49,300	\$50,900
Priority B		\$254,400
Total	\$49,300	\$305,300

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$28,500	\$10,500		\$6,500
Interior Architecture		\$4,500	\$100	\$3,200
Electrical	\$2,000	\$5,500	\$2,100	\$2,000
Mechanical	\$13,300	\$3,400	\$7,000	\$3,400
Total	\$43,700	\$23,800	\$9,200	\$15,100
Priority A	\$28,500	\$10,500		\$6,500
Priority B	\$15,300	\$8,900	\$9,100	\$6,500
Priority C		\$4,500	\$100	\$2,100
Total	\$43,700	\$23,800	\$9,200	\$15,100



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DEPARTMENT OF CULTURAL AFFAIRS - 126
BRONX ZOO JUNGLE WORLD
Asset # : 2361

Architecture	Current Repair			Future Replacement		Maintenance		Priority Code
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	\$4,600	A
Masonry: Brick	80%	2-4	\$49,300	LIFE	**	5	\$14,800	A
<i>Horizontal Cracks, Extent : Light, Area Affected : 15%</i>								
<i>Location : East Facade</i>								
<i>Misaligned/Bulging, Extent : Light, Area Affected : 5%</i>								
<i>Location : East Facade</i>								
<i>Vegetation Growth, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : East Facade</i>								
Metal Panel	10%			2033	**	5-10	\$12,700	A
Window Wall	5%			2033	**	5	\$3,500	A
Windows								
Metal Louvers	100%			2026	**	10	\$10,500	A
Parapets								
Masonry: Brick	10%	Now	\$1,300	LIFE	**	5	\$100	A
<i>Expansion Jnt Failure, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Rusting Masonry Supt, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
Metal Panel	2%			2033	**	5	\$100	A
No Component	88%							D
Roof								
Metal Panel	15%			2028	**	10	\$1,300	A
Sloped Glazing	80%	Now	\$25,500	LIFE	**	5	\$50,900	A
<i>Glazing Broken/Cracked, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Over Exhibition Space</i>								
Traffic Topping	5%	Now	\$1,600	2033	**			A
<i>Ponding, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Over Kitchen</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Over Kitchen</i>								
Interior								
Floors								
Carpet	35%			2019	\$45,800	3	\$11,700	C
Cast in Place Concrete	45%			LIFE	**	5	\$21,900	C
Ceramic Tile	5%			2026	**	5	\$1,100	C
Vinyl Tile	5%			2023	\$10,500	3	\$400	C
Wood	10%			2038	**	5	\$4,200	C
Interior Walls								
Cast in Place Concrete	30%			LIFE	**			C
Concrete Masonry Unit	40%			LIFE	**	5	\$5,500	C
Glass: Special Gauge	10%			LIFE	**	1		C
Plaster	20%			LIFE	**	5	\$2,100	C

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DEPARTMENT OF CULTURAL AFFAIRS - 126
BRONX ZOO JUNGLE WORLD
Asset # : 2361

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

Interior

Ceilings

AcousTileSusp.Lay-In	10%			2028	**	5	\$2,200	B
Exposed Concrete	20%			LIFE	**	5	\$700	B
Exposed Struc: Wood	35%			LIFE	**			B
Wood	35%			LIFE	**	5	\$68,100	B

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

Over 600 Volts

Service Equipment

Fused Disc Sw	100%			2023	\$33,400	3	\$100	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Outside</i>								
<i>Explanation : Ratings Not Available</i>								

Transformers

Liquid Filled	100%			2021	\$33,300	3	\$200	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Outside</i>								
<i>Explanation : One 4160hv-480/277lv, Kva Rating Not Available</i>								

Feeders

Cable	100%			2022	\$1,000	1		B
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Raceway

Conduit	100%			2023	\$3,500	1		B
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Under 600 Volts

Service Equipment

Fused Disc Sw	100%			2033	**	5	\$100	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : One 800 Amps Main Disconnect Switch</i>								

Transformers

Dry Type	100%			2021	\$13,900	5	\$100	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : 1st & 2nd Floor</i>								
<i>Explanation : One 30 Kva, 480hv-208/120lv & Three 15 Kva, 480hv-208/120lv</i>								

Switchgear / Switchboard

Fused Disc Sw	100%			2033	**	5	\$100	B
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Raceway

Conduit	50%			2023	\$4,700	1		B
Conduit	50%			2033	**	1		B

Panelboards

Fused Disc Sw	5%			2031	**	5		B
Fused Disc Sw	10%			2022	\$2,200	5		B
Molded Case Bkrs	55%			2022	\$12,400	5	\$200	B
Molded Case Bkrs	30%			2031	**	5	\$100	B

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DEPARTMENT OF CULTURAL AFFAIRS - 126
BRONX ZOO JUNGLE WORLD
Asset # : 2361

Electrical	Current Repair		Future Replacement		Maintenance		Priority Code	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts								
Wiring								
Thermoplastic	30%			2033	**	1		B
Thermoplastic	70%			2023	\$6,200	1		B
Motor Controllers								
Locally Mounted	30%			2028	**	5		B
Motor Control Center	70%			2021	\$7,200	5	\$300	B
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$200	B
Stand-by Power								
Transfer Switches								
Automatic	100%			2028	**	1	\$4,600	B
Generators								
Diesel	100%			2026	**	1	\$5,800	B
			<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>					
			<i>Location : Basement</i>					
			<i>Explanation : One 235 Kw</i>					
Batteries								
Nickel Cadmium	100%			2016	\$600	5	\$3,300	B
Fuel Storage								
Day Tank								
	50%			2031	**	5	\$1,400	B
			<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>					
			<i>Location : Generator Room</i>					
			<i>Explanation : One 25 Gals</i>					
Main Tank								
	50%			2051	**	5	\$200	B
			<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>					
			<i>Location : Outside</i>					
			<i>Explanation : One 5000 Gals</i>					
Lighting								
Interior Lighting								
Fluorescent								
	30%			2023	\$26,300	10	\$4,100	B
			<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>					
			<i>Location : Throughout The Building</i>					
			<i>Explanation : T-12 Lamps</i>					
Incandescent								
	70%			2023	\$61,400	2	\$200	B
Egress Lighting								
Emergency, Service								
	40%			2023	\$1,000	1		B
Emergency, Battery								
	10%			2023	\$600	10	\$400	B
Exit, Service								
	50%			2023	\$1,200	1		B
Exterior Lighting								
HID								
	70%			2023	\$4,400	10		B
Incandescent								
	30%			2023	\$2,700	2		B
Alarm								
Fire/Smoke Detection								
Generic	100%			2028	**	1-3	\$9,300	B

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DEPARTMENT OF CULTURAL AFFAIRS - 126
BRONX ZOO JUNGLE WORLD
Asset # : 2361

Mechanical	Current Repair		Future Replacement		Maintenance		Priority Code	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)		Estimated Cost
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2043	* *	1		B
Conversion Equipment								
Hot Water Boiler	100%			2028	* *	1	\$7,400	B
Distribution								
Hot Wtr Piping/Pump	100%			2031	* *	4	\$1,100	B
Terminal Devices								
Air Handler	90%			2023	\$81,800	1	\$8,300	B
		<i>On Extended Life, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Basement And Second Floor Fan Rooms</i>						
Fan Coil Unit/Heat	10%			2023	\$25,200	1	\$500	B
		<i>On Extended Life, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Hallway And Vestibule</i>						
Air Conditioning								
Energy Source								
Steam/HW System	100%			2043	* *	1		B
Conversion Equipment								
Absorption Chiller/Steam/HW	50%			2032	* *	1	\$8,100	B
Ext Pkg Unit - Cooling	10%			2028	* *	2	\$100	B
No Component	40%							D
Distribution								
Chilled Wtr Pipe/Pump	50%			2033	* *	4	\$400	B
No Component	50%							D
Terminal Devices								
Air Handler/Cool/Ht	100%			2023	\$43,000	1	\$9,200	B
Heat Rejection								
Water Cool Tower	50%			2021	\$14,500	2	\$7,500	B
		<i>Corroded, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Moderate Deterioration Evident</i>						
		<i>On Extended Life, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Adjacent To Cogen Plant</i>						
No Component	50%							D
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$8,300	B
Exhaust Fans								
Interior	90%			2023	\$20,000	2	\$400	B
		<i>On Extended Life, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Basement</i>						
Roof	10%			2023	\$1,300	2		B
		<i>On Extended Life, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Kitchen Roof</i>						
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2033	* *	1		B

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DEPARTMENT OF CULTURAL AFFAIRS - 126
BRONX ZOO JUNGLE WORLD
Asset # : 2361

Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Plumbing								
HW Heat Exchanger Low Temp	100%			2033	* *	4	\$1,500	B
Sanitary Piping Cast Iron	100%	Now	\$7,300	LIFE	* *	1		B
<i>Corroded, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Basement</i>								
Storm Drain Piping Cast Iron	100%			LIFE	* *	1		B
Sump Pump(s) Rigid Piping	100%			2023	\$10,300	4	\$2,000	B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Cogen Plant</i>								
<i>Explanation : Units In Cogen Plant Serve Jungle World</i>								
Fixtures Generic	100%							B

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Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : **BRONX ZOO MADAGASCAR! (FORMER LIONS HOUSE)**
 Address : **BRONX RIVER PKWY & FORDHAM RD**
 Borough : **BRONX** Agency's Number : **N/A**
 Program / Asset # : **DCA0005.290 / 1576** Yr Built/Renovated : **1905 / 2008**
 Area Sq Ft : **40,268** Project Type : **CULTURAL AFFAIRS**
 Date of Survey : **03-Apr-2012** Landmark Status : **EXTERIOR LANDMARK**
 Areas Surveyed : **Basement, Roof, Floors 1**
 Block : **3120** Lot : **20** BIN : **2116684**

CAPITAL		FY 2015 - 2018	FY 2019 - 2024
Exterior Architecture		\$173,200	\$124,600
Interior Architecture			\$212,600
Total		\$173,200	\$337,100
Priority A		\$173,200	\$124,600
Priority B			\$156,600
Priority C			\$55,900
Total		\$173,200	\$337,100

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture				
Interior Architecture		\$3,500	\$2,300	\$10,100
Electrical	\$5,100	\$5,200	\$4,500	\$9,400
Mechanical	\$11,000	\$15,300	\$15,400	\$10,400
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$20,100	\$27,900	\$26,200	\$33,800
Priority A				
Priority B	\$20,100	\$24,500	\$23,800	\$23,700
Priority C		\$3,500	\$2,300	\$10,100
Total	\$20,100	\$27,900	\$26,200	\$33,800



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DEPARTMENT OF CULTURAL AFFAIRS - 126
BRONX ZOO MADAGASCAR! (FORMER LIONS HOUSE)

Asset # : 1576

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	70%			LIFE	**	5	\$53,900	A
Masonry: Granite	10%			LIFE	**	5	\$5,800	A
Masonry: Limestone	5%			LIFE	**	5	\$2,900	A
Masonry: Limestone	15%			LIFE	**	5	\$8,700	A
Windows								
Wood	100%			2039	**	5	\$12,100	A
Parapets								
Masonry: Limestone	100%			LIFE	**	5	\$13,800	A
Roof								
Copper/Terne	40%			2038	**	10	\$70,700	A
Copper/Terne	40%			2051	**	10	\$70,700	A
Skylight, Metal/Glass	20%	0-2	\$102,500	2043	**			A
<i>Water Penetration, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Above Lemur Exhibit</i>								
Interior								
Floors								
Cast in Place Concrete	50%			LIFE	**	5	\$55,900	C
Ceramic Tile	5%			2032	**	5	\$2,600	C
Marble Panels	10%			LIFE	**	5	\$3,800	C
Quarry Tile	2%			2036	**	5	\$1,500	C
Sheet Vinyl/Rubber	20%			2028	**	5	\$15,300	C
Terrazzo	3%			LIFE	**	5	\$1,200	C
Vinyl Tile	5%			2028	**	3	\$1,000	C
Wood	5%			2051	**	5	\$4,800	C
Interior Walls								
Cast in Place Concrete	10%			LIFE	**			C
Ceramic Tile	3%			2032	**	5	\$2,100	C
Concrete Masonry Unit	50%			LIFE	**	5	\$14,000	C
Glass: Special Gauge	8%			LIFE	**	1		C
Masonry: Brick	15%			LIFE	**			C
Masonry: Limestone	2%			LIFE	**			C
Operable Wall	2%			2043	**	5	\$4,900	C
Plaster	8%			LIFE	**	5	\$1,700	C
Wood	2%			LIFE	**	5	\$5,600	C
Ceilings								
Exposed Concrete	45%			LIFE	**	5	\$3,600	B
Exposed Struc: Steel	5%			LIFE	**			B
Plaster	15%			LIFE	**	5	\$4,800	B
Wood	35%			LIFE	**	5	\$156,600	B

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

Over 600 Volts

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DEPARTMENT OF CULTURAL AFFAIRS - 126
BRONX ZOO MADAGASCAR! (FORMER LIONS HOUSE)

Asset # : 1576

Electrical	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Over 600 Volts								
Service Equipment								
Air Circuit Breaker	100%			2049	**	3	\$100	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : One 600 Amps Main Disconnect Switch</i>								
Transformers								
Dry Type	100%			2040	**	3	\$200	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : One 750 Kva 4160 Hv - 480/277 Lv</i>								
Feeders								
Cable	100%			2045	**	1		B
Raceway								
Conduit	100%			2049	**	1		B
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2049	**	5	\$100	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : One 1200 Amps & One 800 Amps Main Disconnect Switch</i>								
Molded Case Bkrs	50%			2049	**	5	\$400	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : Two 1000 Amps Main Disconnect Switch</i>								
Transformers								
Dry Type	100%			2040	**	5	\$100	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : One 300 Kva & 112.5 Kva, 480 Hv - 208/120 Lv</i>								
Switchgear / Switchboard								
Fused Disc Sw	10%			2049	**	5		B
Molded Case Bkrs	90%			2049	**	5	\$800	B
Raceway								
Conduit	100%			2049	**	1		B
Panelboards								
Fused Disc Sw	10%			2045	**	5	\$100	B
Molded Case Bkrs	90%			2045	**	5	\$800	B
Wiring								
Thermoplastic	100%			2049	**	1		B
Motor Controllers								
Locally Mounted	100%			2040	**	5	\$200	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Mechanical Room</i>								
<i>Explanation : 80% Of Controllers With Vfd And All Hookup To Bms</i>								
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$500	B

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

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

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

**DEPARTMENT OF CULTURAL AFFAIRS - 126
BRONX ZOO MADAGASCAR! (FORMER LIONS HOUSE)**

Asset # : 1576

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Stand-by Power								
Transfer Switches								
Automatic	100%			2040	* *	1	\$10,200	B
Generators								
Diesel	100%			2036	* *	1	\$12,800	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Generator Room</i>								
<i>Explanation : One 600 Kw</i>								
Batteries								
Nickel Cadmium	100%			2018	\$700	5	\$7,300	B
Fuel Storage								
Main Tank	100%			2058	* *	5	\$1,000	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Generator Room</i>								
<i>Explanation : One 1500 Gals</i>								
Lighting								
Interior Lighting								
Fluorescent	90%			2031	* *	10	\$28,200	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : T-8 Lamps</i>								
Fluorescent	5%			2031	* *	10	\$1,600	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Lobby Hallway</i>								
<i>Explanation : T-5 Lamps</i>								
Incandescent	5%			2031	* *	2		B
Egress Lighting								
Emergency, Service	50%			2031	* *	1		B
Exit, LED	20%			2058	* *	1		B
Exit, Service	30%			2031	* *	1		B
Exterior Lighting								
HID	100%			2031	* *	10	\$100	B
Lightning Protection								
Arresters/Cabling								
Under Construction	100%							D
Alarm								
Security System								
No Component	70%							D
Generic	30%			2031	* *	1	\$3,700	B
Fire/Smoke Detection								
Generic	100%			2031	* *	1-3	\$20,300	B
Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								

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Estimates are rounded to the nearest hundred dollars.

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**DEPARTMENT OF CULTURAL AFFAIRS - 126
BRONX ZOO MADAGASCAR! (FORMER LIONS HOUSE)**

Asset # : 1576

Mechanical	Current Repair		Future Replacement		Maintenance		Priority Code	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating								
Energy Source								
HTHW/HW	50%			2049	**	1		B
		<i>Other Observation, Extent : Light, Area Affected : 50%</i>						
		<i>Location : From Co - Generation Plant</i>						
		<i>Explanation : Pre Heated Water For Back Up</i>						
Natural Gas	50%			2049	**	1		B
Conversion Equipment								
Hot Water Boiler	50%			2040	**	1	\$8,500	B
		<i>Other Observation, Extent : Light, Area Affected : 50%</i>						
		<i>Location : Basement Mech Room</i>						
		<i>Explanation : 1 Unit</i>						
HTHW/HW Exchanger	50%			2036	**	2	\$1,100	B
Distribution								
Hot Wtr Piping/Pump	100%			2045	**	4	\$1,700	B
Terminal Devices								
Air Handler	90%			2031	**	1	\$19,100	B
Fan Coil Unit/Heat	10%			2031	**	1	\$1,100	B
Air Conditioning								
Energy Source								
District C.W.	100%			2049	**	1		B
		<i>Other Observation, Extent : Light, Area Affected : 60%</i>						
		<i>Location : Basement Mech Room</i>						
		<i>Explanation : From Adjacent Building</i>						
Conversion Equipment								
Absorption Chiller/Steam/HW	100%			2036	**	1	\$37,000	B
Distribution								
Chilled Wtr Pipe/Pump	100%			2049	**	4	\$1,700	B
Terminal Devices								
Air Handler/Cool/Ht	100%			2031	**	1	\$21,200	B
Heat Rejection								
Geothermal	100%			2058	**	1		B
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$19,100	B
Exhaust Fans								
Interior	100%			2031	**	2	\$1,100	B
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2049	**	1		B
HW Heat Exchanger								
HTHW/HW	100%			2049	**			B
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		B
Sump Pump(s)								
Rigid Piping	100%			2028	**	4	\$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.

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

**DEPARTMENT OF CULTURAL AFFAIRS - 126
BRONX ZOO MADAGASCAR! (FORMER LIONS HOUSE)**

Asset # : 1576

Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Plumbing								
Pool Filter/Treatment								
Sand	100%			2036	* *	4	\$12,700	B
Backflow Preventer								
Generic	100%			2028	* *	1	\$2,100	B
Fixtures								
Generic	100%							B
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			C
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : B, I, Mezz</i>						
		<i>Explanation : 1 Unit</i>						
Fire Suppression								
Sprinkler								
Generic	100%			2049	* *	1-2	\$9,600	B
Fire Pump								
Generic	100%			2032	* *	1	\$6,400	B

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

Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : BRONX ZOO MAINTENANCE / PEST CONTROL
Address : BRONX RIVER PKWY & FORDHAM RD
Borough : BRONX Agency's Number : N/A
Program / Asset # : DCA0005.420 / 2353 Yr Built/Renovated : 1935 / 2010
Area Sq Ft : 12,600 Project Type : CULTURAL AFFAIRS
Date of Survey : 17-Apr-2012 Landmark Status : NONE
Areas Surveyed : Basement, Roof, Floors 1,2
Block : 3120 Lot : 20 BIN : 2116687

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$62,700	
Total	\$62,700	
Priority A	\$62,700	
Total	\$62,700	

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$31,300	\$300		\$300
Interior Architecture		\$800		\$700
Electrical	\$900	\$100	\$100	\$11,600
Mechanical	\$400	\$300	\$300	\$2,000
Total	\$32,600	\$1,400	\$500	\$14,600
Priority A	\$31,300	\$300		\$300
Priority B	\$1,300	\$600	\$400	\$14,100
Priority C		\$600		\$100
Total	\$32,600	\$1,400	\$500	\$14,600



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

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

**DEPARTMENT OF CULTURAL AFFAIRS - 126
BRONX ZOO MAINTENANCE / PEST CONTROL**

Asset # : 2353

Architecture	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Exterior								
Exterior Walls								
Alum/Vinyl Siding	60%	Now	\$62,700	2049	**			A
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : This Is Actually Composition Siding</i>								
Masonry: Granite	5%			LIFE	**	5	\$200	A
Stucco Cement	5%			2028	**	5	\$700	A
Wood	30%	Now	\$31,300	2028	**	5	\$4,100	A
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : This Component Is Actually Wood Shingles</i>								
Windows								
Aluminum	100%			2031	**	5	\$500	A
Roof								
Asphalt Shingle	95%			2032	**	10	\$500	A
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout, 2010</i>								
Skylight, Plastic	5%			2028	**	1		A
Interior								
Floors								
Carpet	25%			2019	\$5,200	3	\$1,300	C
Cast in Place Concrete	35%			LIFE	**	5	\$2,700	C
Sheet Vinyl/Rubber	5%			2023	\$2,800	5	\$300	C
Vinyl Tile	5%			2023	\$1,700	3	\$100	C
Wood	5%			2051	**	5	\$300	C
Not Accessible	25%							D
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location : 2nd Floor</i>								
<i>Explanation : Veterinarian Private Residence</i>								
Interior Walls								
Concrete Masonry Unit	5%			LIFE	**	5		C
Gypsum Board	25%			LIFE	**	5	\$200	C
Plaster	20%			LIFE	**	5	\$100	C
Plywood/Hardboard	25%			LIFE	**			C
Not Accessible	25%							D
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location : 2nd Floor</i>								
<i>Explanation : Veterinarian Private Residence</i>								

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

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

**DEPARTMENT OF CULTURAL AFFAIRS - 126
BRONX ZOO MAINTENANCE / PEST CONTROL**

Asset # : 2353

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

Interior

Ceilings

AcousTileConcealSpLn	25%			2028	**	5	\$1,100	B
AcousTileSusp.Lay-In	10%			2036	**	5	\$400	B
Gypsum Board	25%			LIFE	**	5	\$1,100	B
Plaster	15%			LIFE	**	5	\$300	B
Not Accessible	25%							D

Other Observation, Extent : Light, Area Affected : 0%

Location : 2nd Floor

Explanation : Veterinarian Private Residence

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

Under 600 Volts

Service Equipment

Molded Case Bkrs	100%			2023	\$3,000	5	\$300	B
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Other Observation, Extent : Moderate, Area Affected : 100%

Location : Basement

Explanation : One 100 Amps Main Disconnect Switch

Raceway

Conduit	100%			2023	\$19,000	1		B
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Panelboards

Fused Disc Sw	5%			2022	\$1,100	5		B
Molded Case Bkrs	75%			2022	\$16,800	5	\$200	B
Molded Case Bkrs	20%			2031	**	5	\$100	B

Wiring

Thermoplastic	80%			2023	\$19,300	1		B
Thermoplastic	20%			2033	**	1		B

Motor Controllers

Locally Mounted	100%			2021	\$8,000	5	\$100	B
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Ground

Grounding Devices

Generic	100%	2-4	\$900	LIFE	**	5	\$200	B
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Other Observation, Extent : Moderate, Area Affected : 100%

Location : Water Main

Explanation : Corroded

Lighting

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**DEPARTMENT OF CULTURAL AFFAIRS - 126
BRONX ZOO MAINTENANCE / PEST CONTROL**

Asset # : 2353

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Lighting								
Interior Lighting								
Fluorescent	65%			2018	\$7,800	10	\$1,400	B
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Throughout The Building</i>						
		<i>Explanation : T-12 Lamps</i>						
Fluorescent	30%			2028	**	10	\$700	B
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : T-8 Lamps</i>						
Incandescent	5%			2018	\$600	2		B
Exterior Lighting								
HID	80%			2023	\$3,400	10		B
Incandescent	20%			2018	\$1,000	2		B

Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2033	**	1		B
Conversion Equipment								
Steam Boiler	100%			2021	\$13,100	1	\$2,400	B
		<i>On Extended Life, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Basement</i>						
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Basement</i>						
		<i>Explanation : 1 Dual Fuel Steam Boiler</i>						
Distribution								
Steam Piping/Pump	100%			2023	\$18,800	4	\$200	B
		<i>On Extended Life, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
Terminal Devices								
Convactor/Radiator	100%			2028	**	1	\$800	B
Air Conditioning								
Energy Source								
Electricity	100%			2039	**	1		B
Conversion Equipment								
Window/Wall Unit	30%			2018	\$1,700	1		B
No Component	70%							D
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2033	**	1		B
Water Heater								
Gas Fired	100%			2021	\$600	2		B

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**DEPARTMENT OF CULTURAL AFFAIRS - 126
BRONX ZOO MAINTENANCE / PEST CONTROL**

Asset # : 2353

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

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

Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : BRONX ZOO MONORAIL MAINT. BLDG.
Address : BRONX RIVER PKWY & FORDHAM RD
Borough : BRONX **Agency's Number** : N/A
Program / Asset # : DCA0005.103 / 2326 **Yr Built/Renovated** : 1977 /
Area Sq Ft : 5,100 **Project Type** : CULTURAL AFFAIRS
Date of Survey : 16-Apr-2012 **Landmark Status** : NONE
Areas Surveyed : Floors 1
Block : 3120 **Lot** : 20 **BIN** : 2116685

CAPITAL		FY 2015 - 2018	FY 2019 - 2024
Mechanical			\$70,900
Total			\$70,900
Priority	B		\$70,900
Total			\$70,900

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$17,400			\$1,100
Interior Architecture	\$5,100			
Electrical			\$100	\$400
Mechanical	\$200	\$100	\$200	\$1,900
Total	\$22,600	\$200	\$200	\$3,300
Priority	A	\$17,400		\$1,100
Priority	B	\$5,200	\$200	\$2,300
Priority	C			
Total	\$22,600	\$200	\$200	\$3,300



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

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DEPARTMENT OF CULTURAL AFFAIRS - 126
BRONX ZOO MONORAIL MAINT. BLDG.
Asset # : 2326

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	**	5	\$1,700	A
Metal Panel	85%	0-2	\$2,300	2033	**	5	\$10,800	A
<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : At Building Base</i>								
Metal Coiling Doors	10%			2028	**	5	\$2,100	A
Roof								
Metal Panel	100%	Now	\$15,100	2028	**			A
<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Gut/DS Non Func/Miss, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Along Perimeter</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Along Perimeter</i>								
Interior								
Floors								
Cast in Place Concrete	100%			LIFE	**	5	\$13,700	C
Interior Walls								
Metal Panel	100%			LIFE	**			C
Ceilings								
Metal Panel	100%	0-2	\$5,100	LIFE	**	5	\$7,800	B
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Bathroom</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Along Perimeter, Above Bathroom</i>								
Electrical								
Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
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%							D
Transformers								
Not Accessible	100%							D
Feeders								
Not Accessible	100%							D
Raceway								
Not Accessible	100%							D
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2023	\$1,000	5		B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : One 400 Amps & Two 200 Amps Main Disconnect Switch</i>								

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

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
BRONX ZOO MONORAIL MAINT. BLDG.
Asset # : 2326

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Transformers								
Dry Type	100%			2021	\$13,900	5		B
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Electrical Room</i>						
		<i>Explanation : One 112.5 Kva, 480hv-208/120lv</i>						
Switchgear / Switchboard								
Molded Case Bkrs	100%			2023	\$19,800	5	\$100	B
Raceway								
Conduit	100%			2023	\$21,500	1		B
Panelboards								
Fused Disc Sw	10%			2022	\$1,100	5		B
Molded Case Bkrs	90%			2022	\$10,100	5	\$100	B
Wiring								
Thermoplastic	100%			2023	\$15,100	1		B
Motor Controllers								
Locally Mounted	100%			2021	\$4,200	5		B
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$100	B
Lighting								
Interior Lighting								
Fluorescent	100%			2023	\$9,200	10	\$3,800	B
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : T-12 Lamps</i>						
Egress Lighting								
Emergency, Service	30%			2023	\$200	1		B
Emergency, Battery	20%			2023	\$300	10	\$200	B
Exit, Service	50%			2018	\$300	1		B
Exterior Lighting								
HID	80%			2023	\$200	10		B
Incandescent	20%			2023	\$200	2		B
Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Electricity	100%			2043	**	1		B
Terminal Devices								
Fan Coil Unit/Heat	100%			2023	\$70,900	1	\$1,400	B
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Electric Unit Heaters</i>						
Air Conditioning								
Energy Source								
Electricity	100%			2039	**	1		B

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

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
BRONX ZOO MONORAIL MAINT. BLDG.
Asset # : 2326

Mechanical	Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	
Air Conditioning							
Conversion Equipment							
Window/Wall Unit	10%			2018	\$1,000	1	B
No Component	90%						D
Ventilation							
Exhaust Fans							
Wall Unit	100%			2023	\$7,200	2	\$100 B
Plumbing							
H/C Water Piping							
Brass/Copper	100%			2043	* *	1	B
Water Heater							
Electric	100%			2018	\$700	4	B
Sanitary Piping							
Cast Iron	100%			LIFE	* *	1	B
Backflow Preventer							
Not Accessible	100%						D
Fixtures							
Generic	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.

Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : BRONX ZOO MONORAIL SHELTER
Address : BRONX RIVER PKWY & FORDHAM RD
Borough : BRONX Agency's Number : N/A
Program / Asset # : DCA0005.102 / 2325 Yr Built/Renovated : 1977 /
Area Sq Ft : 9,000 Project Type : CULTURAL AFFAIRS
Date of Survey : 16-Apr-2012 Landmark Status : NONE
Areas Surveyed : Floors 1
Block : 3120 Lot : 20 BIN : 2116686

CAPITAL		FY 2015 - 2018	FY 2019 - 2024
Interior Architecture		\$60,800	
Electrical		\$43,000	
Total		\$103,800	
Priority B		\$103,800	
Total		\$103,800	

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$1,800			\$8,600
Electrical		\$100		\$100
Total	\$1,800	\$100		\$8,600
Priority A	\$1,800			\$8,600
Priority B		\$100		\$100
Total	\$1,800	\$100		\$8,600



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

DEPARTMENT OF CULTURAL AFFAIRS - 126
BRONX ZOO MONORAIL SHELTER
Asset # : 2325

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Wood	5%	0-2	\$1,800	2028	**	5	\$700	A
	<i>Dry Rot/Decay, Extent : Moderate, Area Affected : 5%</i>							
	<i>Location : Throughout</i>							
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : Exposed Structural Wood Columns That Support The Canopy Roof - No Actual Walls</i>							
No Component	95%							D
Roof								
Metal Panel	100%			2028	**	10	\$8,600	A
Interior								
Ceilings								
Exposed Struc: Wood	100%	0-2	\$60,800	LIFE	**			B
	<i>Dry Rot/Decay, Extent : Moderate, Area Affected : 40%</i>							
	<i>Location : Throughout</i>							
Electrical								
Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
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%							D
Transformers								
Not Accessible	100%							D
Feeders								
Not Accessible	100%							D
Raceway								
Not Accessible	100%							D
Under 600 Volts								
Raceway								
Conduit	100%			2033	**	1		B
Panelboards								
Fused Disc Sw	100%			2031	**	5	\$200	B
Wiring								
Thermoplastic	100%			2033	**	1		B
Motor Controllers								
Locally Mounted	100%			2028	**	5	\$100	B
Lighting								
Interior Lighting								
Incandescent	100%			2018	\$43,000	2	\$200	B
Exterior Lighting								
HID	100%			2023	\$3,100	10		B

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

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

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

Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

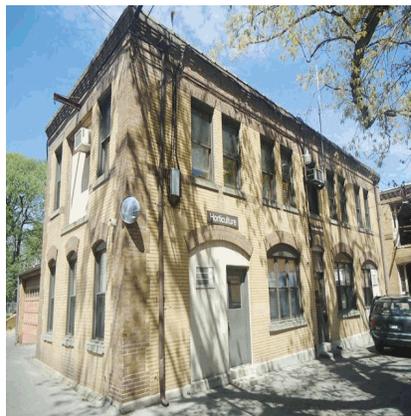
Asset Name : BRONX ZOO OPERATIONS
Address : BRONX RIVER PKWY & FORDHAM RD
Borough : BRONX **Agency's Number** : N/A
Program / Asset # : DCA0005.510 / 2189 **Yr Built/Renovated** : 1935 /
Area Sq Ft : 3,100 **Project Type** : CULTURAL AFFAIRS
Date of Survey : 17-Apr-2012 **Landmark Status** : NONE
Areas Surveyed : Roof, Floors 1,2
Block : 3120 **Lot** : 20 **BIN** :

CAPITAL**Total**

Priority

Total

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$1,600			\$700
Interior Architecture	\$1,200	\$200		
Electrical				\$600
Mechanical	\$100			
Total	\$2,800	\$300	\$100	\$1,400
Priority A	\$1,600			\$700
Priority B	\$1,200	\$100	\$100	\$700
Priority C		\$200		
Total	\$2,800	\$300	\$100	\$1,400



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

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
BRONX ZOO OPERATIONS
Asset # : 2189

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
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	\$700	A
Masonry: Brick	55%			LIFE	**	5	\$700	A
Masonry: Brick	15%			LIFE	**	5	\$200	A
Wood Overhead Doors	20%			2028	**	5	\$1,400	A
Windows								
Aluminum	98%	2-4	\$1,200	2039	**	5	\$100	A
<i>Crwt/Balnc Not Funct, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
Steel	2%			2031	**	5		A
Parapets								
Glazed Ceramic Panel	10%			2033	**	5-10	\$300	A
Masonry: Brick	40%			LIFE	**	5	\$100	A
No Component	50%							D
Roof								
Metal, Corrugated	50%			2028	**	1		A
Roll Roofing	50%	0-2	\$500	2022	\$1,600	5	\$300	A
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Above 2nd Floor Offices</i>								
Interior								
Floors								
Carpet	40%			2019	\$2,100	3	\$500	C
Cast in Place Concrete	15%			LIFE	**	5	\$300	C
Ceramic Tile	5%			2026	**	5		C
Vinyl Tile	40%			2023	\$3,300	3	\$100	C
Interior Walls								
Ceramic Tile	5%			2026	**	5		C
Concrete Masonry Unit	10%			LIFE	**	5		C
Gypsum Board	65%			LIFE	**	5	\$100	C
Metal Panel	20%			LIFE	**			C
Ceilings								
AcousTileSusp.Lay-In	100%	Now	\$1,200	2036	**	5	\$400	B
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : 2nd Floor Offices</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : 2nd Floor Offices</i>								

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
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%			2023	\$1,600	5	\$100	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : One 200 Amps Main Disconnect Switch</i>								

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

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
BRONX ZOO OPERATIONS
Asset # : 2189

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Raceway								
Conduit	80%			2023	\$7,600	1		B
Conduit	20%			2043	* *	1		B
Panelboards								
Fused Disc Sw	10%			2022	\$1,100	5		B
Molded Case Bkrs	20%			2039	* *	5		B
Molded Case Bkrs	70%			2022	\$7,900	5		B
Wiring								
Thermoplastic	20%			2043	* *	1		B
Thermoplastic	80%			2023	\$7,500	1		B
Motor Controllers								
Locally Mounted	100%			2021	\$8,000	5		B
Ground								
Grounding Devices								
Not Accessible	100%							D
Lighting								
Interior Lighting								
Fluorescent	94%			2028	* *	10	\$500	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : T-8 Lamps</i>								
HID	3%			2031	* *	10		B
Incandescent	3%			2018	\$100	2		B
Exterior Lighting								
HID	100%			2028	* *	10		B

Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Natural Gas	100%			2033	* *	1		B
Conversion Equipment								
Hot Water Boiler	100%			2021	\$1,500	1	\$300	B
<i>On Extended Life, Extent : Light, Area Affected : 100%</i>								
<i>Location : Adjoining Garage</i>								
Distribution								
Hot Wtr Piping/Pump	100%			2031	* *	4		B
Terminal Devices								
Convactor/Radiator	90%			2028	* *	1	\$200	B
Unit Heater-Stm/HW	10%			2023	\$400	4		B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Adjoining Garage</i>								
<i>Explanation : Serves Garage Space</i>								

Air Conditioning

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

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
BRONX ZOO OPERATIONS
Asset # : 2189

Mechanical System Component Type	Current Repair		Future Replacement		Maintenance		Priority Code
	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	
Air Conditioning							
Energy Source							
Electricity	100%			2031	* *	1	B
Conversion Equipment							
Window/Wall Unit	75%			2021	\$1,000	1	B
No Component	25%						D
Ventilation							
Exhaust Fans							
Wall Unit	30%			2023	\$300	2	B
No Component	70%						D
Plumbing							
H/C Water Piping							
Brass/Copper	100%			2033	* *	1	B
Water Heater							
Gas Fired	100%			2021	\$200	2	B
Sanitary Piping							
Cast Iron	100%			LIFE	* *	1	B
Fixtures							
Generic	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.

Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : BRONX ZOO PHEASANT AVIARY
Address : BRONX RIVER PKWY & FORDHAM RD EAST OF SOUTHERN BLVD.GATE
Borough : BRONX Agency's Number : N/A
Program / Asset # : DCA0005.540 / 2192 Yr Built/Renovated : 1935 / 2004
Area Sq Ft : 7,500 Project Type : CULTURAL AFFAIRS
Date of Survey : 04-Apr-2012 Landmark Status : NONE
Areas Surveyed : Basement, Roof, Floors 1,2
Block : 3120 Lot : 20 BIN : 2101156

CAPITAL		FY 2015 - 2018	FY 2019 - 2024
Electrical		\$41,600	
Mechanical			\$59,900
Total		\$41,600	\$59,900
Priority B		\$41,600	\$59,900
Total		\$41,600	\$59,900

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$8,300	\$2,100		\$2,900
Interior Architecture				\$500
Electrical	\$900		\$100	\$10,100
Mechanical	\$800	\$1,800	\$600	\$8,500
Total	\$10,000	\$3,900	\$700	\$22,000
Priority A	\$8,300	\$2,100		\$2,900
Priority B	\$1,700	\$1,800	\$700	\$18,600
Priority C				\$500
Total	\$10,000	\$3,900	\$700	\$22,000



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

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
BRONX ZOO PHEASANT AVIARY
Asset # : 2192

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
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	25%			LIFE	**	5	\$29,300	A
Masonry: Brick	60%			LIFE	**	5	\$14,100	A
Stucco Cement	10%			2028	**	5	\$5,900	A
Wood	5%	Now	\$7,400	2028	**	5	\$2,900	A
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 45%</i>								
<i>Location : Eaves And Trims</i>								
<i>Split/Cracked, Extent : Light, Area Affected : 20%</i>								
<i>Location : At Eaves</i>								
<hr/>								
Windows								
Aluminum	75%			2039	**	5	\$900	A
Wood	25%	Now	\$900	2022	\$9,300	5	\$1,500	A
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
<i>Split/Cracked, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
<i>Unit Inoperable, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<hr/>								
Roof								
Asphalt Shingle	95%			2026	**	10	\$2,100	A
Skylight, Plastic	5%			2028	**	1		A
<hr/>								
Interior								
Floors								
Cast in Place Concrete	95%			LIFE	**	5	\$21,900	C
Wood	5%			2038	**	5	\$1,000	C
<hr/>								
Interior Walls								
Masonry: Brick	30%			LIFE	**			C
Plaster	70%			LIFE	**	5	\$600	C
<hr/>								
Ceilings								
Exposed Concrete	5%			LIFE	**	5	\$100	B
Gypsum Board	15%			LIFE	**	5	\$2,000	B
Plaster	80%			LIFE	**	5	\$5,300	B

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
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%			2023	\$800	5		B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Outside</i>								
<i>Explanation : One 100 Amps Main Disconnect Switch</i>								
Molded Case Bkrs	50%			2023	\$800	5	\$100	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : One 125 Amps Main Disconnect Switch</i>								

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

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
BRONX ZOO PHEASANT AVIARY
Asset # : 2192

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Transformers								
Dry Type	100%			2028	**	5		B
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Outside</i>							
	<i>Explanation : One 75 Kva 480hv-208/120lv</i>							
Raceway								
Conduit	100%			2023	\$5,800	1		B
Panelboards								
Fused Disc Sw	5%			2022	\$600	5		B
Molded Case Bkrs	95%			2022	\$10,700	5	\$200	B
Wiring								
Thermoplastic	100%			2023	\$5,400	1		B
Ground								
Grounding Devices								
Generic	100%	0-2	\$900	LIFE	**	5	\$100	B
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Water Main</i>							
	<i>Explanation : Corroded</i>							
Lighting								
Interior Lighting								
Fluorescent	100%			2018	\$41,600	10	\$6,500	B
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Throughout The Building</i>							
	<i>Explanation : T-12 Lamps</i>							
Exterior Lighting								
Incandescent	100%			2018	\$3,600	2		B
Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Fuel Oil No 2	100%			2033	**	5	\$2,200	B
Conversion Equipment								
Hot Water Boiler	100%			2028	**	1	\$3,500	B
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : 1st Floor Boiler Room</i>							
	<i>Explanation : 1 Unit</i>							
Distribution								
Hot Wtr Piping/Pump	100%			2031	**	4	\$500	B
Terminal Devices								
Convactor/Radiator	50%			2036	**	1	\$1,100	B
Fan Coil Unit/Heat	50%			2023	\$59,900	1	\$1,100	B
Air Conditioning								
Energy Source								
Electricity	100%			2031	**	1		B

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

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
BRONX ZOO PHEASANT AVIARY
Asset # : 2192

Mechanical	Current Repair		Future Replacement		Maintenance		Priority Code	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Air Conditioning								
Conversion Equipment								
Window/Wall Unit	30%			2018	\$4,900	1		B
No Component	70%							D
Ventilation								
Exhaust Fans								
Roof	10%			2018	\$600	2		B
Wall Unit	10%			2018	\$1,200	2		B
No Component	80%							D
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2033	* *	1		B
Water Heater								
Electric	100%			2016	\$1,200	4	\$100	B
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		B

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

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

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

Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : **BRONX ZOO PRIMATES BUILDING-#36**
 Address : **BRONX RIVER PKWY & FORDHAM RD**
 Borough : **BRONX** Agency's Number : **N/A**
 Program / Asset # : **DCA0005.360 / 2351** Yr Built/Renovated : **1901 / 1999**
 Area Sq Ft : **15,108** Project Type : **CULTURAL AFFAIRS**
 Date of Survey : **02-Apr-2012** Landmark Status : **EXTERIOR LANDMARK**
 Areas Surveyed : **Basement, Roof, Floors 1**
 Block : **3120** Lot : **20** BIN : **2116688**

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$207,700	
Interior Architecture	\$556,500	\$103,700
Mechanical		\$275,000
Total	\$764,300	\$378,700
Priority A	\$207,700	
Priority B		\$275,000
Priority C	\$556,500	\$103,700
Total	\$764,300	\$378,700

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$29,300	\$5,400		\$1,800
Interior Architecture	\$53,600	\$1,300		
Electrical	\$7,500		\$100	\$36,400
Mechanical	\$6,100	\$2,800	\$2,300	\$1,500
Total	\$96,500	\$9,600	\$2,400	\$39,700
Priority A	\$29,300	\$5,400		\$1,800
Priority B	\$36,100	\$2,900	\$2,400	\$37,900
Priority C	\$31,100	\$1,300		
Total	\$96,500	\$9,600	\$2,400	\$39,700



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

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
BRONX ZOO PRIMATES BUILDING-#36
Asset # : 2351

Architecture	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Fiberglass Panel	10%			2026	**	5	\$10,800	A
Masonry: Brick	65%	0-2	\$103,100	LIFE	**	5	\$18,800	A
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : North And South Facade Between Brick And Limestone</i>								
Masonry: Granite	5%			LIFE	**	5	\$1,100	A
Masonry: Limestone	15%	Now	\$64,900	LIFE	**	5	\$3,200	A
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : North And South Facade Between Brick And Limestone</i>								
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : West And East Facade</i>								
Stucco Cement	5%			2028	**	5	\$3,600	A
Windows								
Aluminum	100%			2039	**	5	\$500	A
Parapets								
Masonry: Limestone	100%	0-2	\$39,700	LIFE	**	5	\$5,200	A
<i>Cracking/Crumbling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
Roof								
Copper/Terne	90%	0-2	\$29,300	2038	**			A
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : At Dome</i>								
Fiberglass Panel	10%			2026	**	1		A
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	**	5	\$4,200	C
Terrazzo	90%	Now	\$556,500	LIFE	**	5	\$13,500	C
<i>Deflection Evident, Extent : Severe, Area Affected : 15%</i>								
<i>Location : Throughout Main Public Corridor</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Throughout Animal Cages</i>								
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Exhibit Is Closed To Public Due To Failing Floor Condition</i>								
Interior Walls								
Concrete Masonry Unit	5%			LIFE	**	5	\$500	C
Fabric on Framing	20%			2021	\$103,700	5	\$2,600	C
Glass: Special Gauge	5%	Now	\$31,100	LIFE	**	1		C
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout Animal Exhibits</i>								
Masonry: Brick	5%			LIFE	**			C
Plaster	25%			LIFE	**	5	\$2,000	C
SGFT/Glazed Masonry	40%			LIFE	**			C

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

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
BRONX ZOO PRIMATES BUILDING-#36
Asset # : 2351

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
Ceilings								
AcousTileConcealSpLn	80%	0-2	\$12,700	2036	**	5	\$9,600	B
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Exhibit</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Exhibit</i>								
Exposed Concrete	10%	0-2	\$8,000	LIFE	**	5	\$300	B
<i>Patching Evident, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : North And South End Of Basement</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : South And North End Of Basement</i>								
Plaster	10%	0-2	\$1,800	LIFE	**	5	\$1,200	B
<i>Water Penetration, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Office</i>								

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
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%			2043	**	5		B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : One 200 Amps Main Disconnect Switch</i>								
Fused Disc Sw	50%			2023	\$500	5		B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : One 100 Amps Main Disconnect Switch</i>								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2023	\$21,400	5	\$300	B
Raceway								
Conduit	100%			2023	\$23,300	1		B
Panelboards								
Fused Disc Sw	5%			2022	\$600	5		B
Molded Case Bkrs	45%			2022	\$5,500	5	\$100	B
Molded Case Bkrs	50%			2039	**	5	\$200	B
Wiring								
Braided Cloth	40%	2-4	\$6,500	2048	**	1		B
<i>Insulation Aged, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
Thermoplastic	40%			2023	\$6,500	1		B
Thermoplastic	20%			2043	**	1		B
Motor Controllers								
Locally Mounted	90%			2028	**	5	\$100	B
Locally Mounted	10%			2021	\$900	5		B

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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DEPARTMENT OF CULTURAL AFFAIRS - 126
BRONX ZOO PRIMATES BUILDING-#36
Asset # : 2351

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Ground								
Grounding Devices								
Generic	100%	0-2	\$1,000	LIFE	**	5	\$200	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Water Main</i>								
<i>Explanation : Corroded</i>								
Lighting								
Interior Lighting								
Fluorescent	30%			2018	\$9,200	10	\$3,500	B
Incandescent	70%			2018	\$21,500	2	\$200	B
Egress Lighting								
Emergency, Battery	50%			2023	\$2,900	10	\$1,500	B
Exit, Service	50%			2023	\$1,100	1		B
Exterior Lighting								
HID	50%			2018	\$400	10		B
Incandescent	50%			2018	\$1,500	2		B
Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
HTHW/HW	50%			2033	**	1		B
<i>Other Observation, Extent : Light, Area Affected : 50%</i>								
<i>Location : From Cogeneration Plant</i>								
<i>Explanation : Back-up</i>								
Interruptible Gas/Dual Fuel	50%			2033	**	1		B
Conversion Equipment								
Heat Exchanger	50%			2026	**	1	\$3,200	B
Hot Water Boiler	50%			2021	\$17,700	1	\$3,200	B
<i>Other Observation, Extent : Light, Area Affected : 50%</i>								
<i>Location : Basement</i>								
<i>Explanation : 1 Unit</i>								
Distribution								
Hot Wtr Piping/Pump	100%			2022	\$79,000	4	\$600	B
Terminal Devices								
Air Handler	40%			2023	\$33,900	1	\$3,200	B
Convactor/Radiator	30%			2021	\$11,000	1	\$1,200	B
Fan Coil Unit/Heat	30%			2023	\$70,700	1	\$1,200	B
Air Conditioning								
Energy Source								
Electricity	100%			2031	**	1		B

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DEPARTMENT OF CULTURAL AFFAIRS - 126
BRONX ZOO PRIMATES BUILDING-#36
Asset # : 2351

Mechanical System Component Type	Current Repair			Future Replacement		Maintenance		Priority Code
	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Air Conditioning								
Conversion Equipment								
Int Pkg Unit - Heating/Cooling	40%			2021	\$125,300	2	\$300	B
	<i>Other Observation, Extent : Light, Area Affected : 40%</i>							
	<i>Location : Basement</i>							
	<i>Explanation : 2 Units</i>							
Window/Wall Unit	5%			2016	\$1,600	1		B
No Component	55%							D
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$7,200	B
Exhaust Fans								
Not Accessible	100%							D
	<i>Other Observation, Extent : Light, Area Affected : 0%</i>							
	<i>Location :</i>							
	<i>Explanation : Units Are Located In The Attic Which Was Not Accessible</i>							
Plumbing								
H/C Water Piping								
Brass/Copper	70%			2023	\$32,900	1		B
Galv Iron/Steel	30%	Now	\$1,400	2021	\$14,100	1		B
	<i>Corroded, Extent : Severe, Area Affected : 30%</i>							
	<i>Location : Basement</i>							
Water Heater								
Electric	50%			2021	\$1,200	4		B
Gas Fired	50%			2021	\$1,800	2	\$100	B
HW Heat Exchanger								
HTHW/HW	100%			2033	**			B
Sanitary Piping								
Cast Iron	100%	0-2	\$3,400	LIFE	**	1		B
	<i>Corroded, Extent : Moderate, Area Affected : 30%</i>							
	<i>Location : Various Areas</i>							
Fixtures								
Generic	100%							B

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Estimates are rounded to the nearest hundred dollars.

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

Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : BRONX ZOO SHOPS BUILDING
Address : BRONX RIVER PKWY & FORDHAM RD
Borough : BRONX Agency's Number : N/A
Program / Asset # : DCA0005.450 / 2186 Yr Built/Renovated : 1935 /
Area Sq Ft : 5,700 Project Type : CULTURAL AFFAIRS
Date of Survey : 17-Apr-2012 Landmark Status : NONE
Areas Surveyed : Basement, Roof, Floors 1,2
Block : 3120 Lot : 20 BIN :

CAPITAL		FY 2015 - 2018	FY 2019 - 2024
Exterior Architecture			\$44,600
Total			\$44,600
Priority	A		\$44,600
Total			\$44,600

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$32,700			\$200
Interior Architecture				
Electrical	\$900			\$5,300
Mechanical	\$700	\$700	\$800	\$19,800
Total	\$34,200	\$700	\$800	\$25,300
Priority	A	\$32,700		\$200
Priority	B	\$1,600	\$700	\$25,100
Priority	C			
Total	\$34,200	\$700	\$800	\$25,300



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

DEPARTMENT OF CULTURAL AFFAIRS - 126
BRONX ZOO SHOPS BUILDING
Asset # : 2186

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
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	\$13,400	A
Masonry: Brick	25%			LIFE	**	5	\$4,500	A
Windows								
Wood	100%	Now	\$28,200	2048	**	5	\$4,500	A
<i>Dry Rot/Decay, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Unit Inoperable, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
Parapets								
Glazed Ceramic Panel	5%			2033	**	5-10	\$1,700	A
Masonry: Brick	10%			LIFE	**	5	\$300	A
No Component	85%							D
Roof								
Roll Roofing	100%	0-2	\$4,500	2019	\$44,600	5	\$8,400	A
<i>Water Penetration, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
Interior								
Floors								
Cast in Place Concrete	100%			LIFE	**	5	\$17,500	C
<i>Water Penetration, Extent : Light, Area Affected : 5%</i>								
<i>Location : Basement</i>								
Interior Walls								
Masonry: Brick	100%			LIFE	**			C
Ceilings								
Exposed Concrete	100%			LIFE	**	5	\$1,300	B
Electrical								
Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
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%			2023	\$1,000	5		B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : One 200 Amps Main Disconnect Switch</i>								
Raceway								
Conduit	90%			2023	\$19,400	1		B
Conduit	10%			2043	**	1		B
Panelboards								
Fused Disc Sw	10%			2022	\$1,100	5		B
Molded Case Bkrs	60%			2022	\$6,700	5	\$100	B
Molded Case Bkrs	30%			2039	**	5		B
Wiring								
Thermoplastic	70%			2023	\$10,500	1		B
Thermoplastic	30%			2043	**	1		B

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

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
BRONX ZOO SHOPS BUILDING
Asset # : 2186

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Motor Controllers								
Locally Mounted	100%			2021	\$4,200	5		B
Ground								
Grounding Devices								
Generic	100%	2-4	\$900	LIFE	**	5	\$100	B
		<i>Other Observation, Extent : Severe, Area Affected : 100%</i>						
		<i>Location : Water Main</i>						
		<i>Explanation : Corroded</i>						
Lighting								
Interior Lighting								
Fluorescent	70%			2023	\$8,300	10	\$3,400	B
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : 1st & 2nd Floor</i>						
		<i>Explanation : T-12 Lamps</i>						
Fluorescent	30%			2018	\$3,600	10	\$1,500	B
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Basement</i>						
		<i>Explanation : T-12 Lamps</i>						
Exterior Lighting								
HID	100%			2018	\$300	10		B
Mechanical								
Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Natural Gas	100%			2033	**	1		B
Conversion Equipment								
Steam Boiler	100%			2028	**	1	\$5,300	B
		<i>On Extended Life, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Basement</i>						
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Basement</i>						
		<i>Explanation : 1 Gas Fired Steam Boiler</i>						
Distribution								
Steam Piping/Pump	100%			2033	**	4	\$300	B
		<i>On Extended Life, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Gravity Return Condensate System</i>						

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

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

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DEPARTMENT OF CULTURAL AFFAIRS - 126
BRONX ZOO SHOPS BUILDING
Asset # : 2186

Mechanical	Current Repair		Future Replacement		Maintenance		Priority Code	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)		Estimated Cost
Heating								
Terminal Devices								
Convactor/Radiator	75%			2028	**	1	\$1,300	B
	<i>On Extended Life, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
Unit Heater-Stm/HW	25%			2018	\$9,800	4	\$100	B
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Carpenter Shop</i>							
	<i>Explanation : Approaching End Of Useful Life</i>							
Ventilation								
Exhaust Fans								
Wall Unit	100%			2018	\$9,200	2	\$200	B
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Carpenter Shop</i>							
	<i>Explanation : Approaching End Of Useful Life</i>							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2033	**	1		B
Water Heater								
Gas Fired	100%			2022	\$1,400	2	\$100	B
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		B
	<i>On Extended Life, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
Storm Drain Piping								
Cast Iron	100%			LIFE	**	1		B
	<i>On Extended Life, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
Fixtures								
Generic	100%							B

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

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

Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : **BRONX ZOO SMALL MAMMALS BLDG./MOUSE HOUSE**
 Address : **BRONX RIVER PKWY & FORDHAM RD**
 Borough : **BRONX** Agency's Number : **N/A**
 Program / Asset # : **DCA0005.740 / 2359** Yr Built/Renovated : **1935 /**
 Area Sq Ft : **11,600** Project Type : **CULTURAL AFFAIRS**
 Date of Survey : **05-Apr-2012** Landmark Status : **NONE**
 Areas Surveyed : **Basement, Roof, Floors 1**
 Block : **3120** Lot : **20** BIN : **2116689**

CAPITAL		FY 2015 - 2018	FY 2019 - 2024
Interior Architecture			\$147,200
Total			\$147,200
Priority	C		\$147,200
Total			\$147,200

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$22,900	\$3,100		\$2,800
Interior Architecture	\$19,100	\$6,400		
Electrical		\$100	\$100	\$20,700
Mechanical	\$36,500	\$900	\$800	\$22,500
Total	\$78,500	\$10,400	\$900	\$45,900
Priority	A	\$22,900	\$3,100	\$2,800
Priority	B	\$53,500	\$900	\$43,100
Priority	C	\$2,200	\$6,400	
Total	\$78,500	\$10,400	\$900	\$45,900



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

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DEPARTMENT OF CULTURAL AFFAIRS - 126
BRONX ZOO SMALL MAMMALS BLDG./MOUSE HOUSE

Asset # : 2359

Architecture	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	55%			LIFE	**	5	\$12,200	A
Masonry: Granite	5%			LIFE	**	5	\$800	A
Masonry: Limestone	5%			LIFE	**	5	\$800	A
Stucco Cement	30%	0-2	\$10,400	2028	**	5	\$8,300	A
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : South Facade</i>								
Wood	5%			2028	**	5	\$5,500	A
Windows								
Wood	100%	Now	\$10,900	2048	**	5	\$1,700	A
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Thermally Inefficient, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Split/Cracked, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
Roof								
Asphalt Shingle	90%			2026	**	10	\$3,100	A
Metal, Corrugated	10%	0-2	\$1,600	2036	**	1		A
<i>Ponding, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Over Corridor To Outdoor Exhibits</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Over Corridor To Outdoor Exhibits</i>								
Interior								
Floors								
Carpet	30%			2019	\$26,000	3	\$6,600	C
Cast in Place Concrete	50%			LIFE	**	5	\$16,100	C
Panel/Paver: Cer/Brk	10%			2031	**	5	\$3,300	C
Terrazzo	10%	2-4	\$2,200	LIFE	**	5	\$1,200	C
<i>Cracking/Crumbling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Lobby</i>								
Interior Walls								
Ceramic Tile	5%			2026	**	5	\$1,000	C
Fabric on Framing	40%			2021	\$147,200	5	\$4,000	C
Plaster	45%			LIFE	**	5	\$2,700	C
<i>Cracking/Crumbling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Kitchen</i>								
<i>Paint Peeling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Kitchen</i>								
Plywood/Hardboard	10%			LIFE	**			C

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DEPARTMENT OF CULTURAL AFFAIRS - 126
BRONX ZOO SMALL MAMMALS BLDG./MOUSE HOUSE

Asset # : 2359

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
Ceilings								
Exposed Concrete	10%	Now	\$17,000	LIFE	**	5	\$200	B
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Throughout Basement</i>								
<i>Exposed Reinforcement, Extent : Severe, Area Affected : 35%</i>								
<i>Location : Throughout Basement</i>								
Exposed Struc: Wood	5%			LIFE	**			B
Plaster	50%			LIFE	**	5	\$4,600	B
<i>Paint Peeling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Kitchen</i>								
Wood	5%			LIFE	**	5	\$6,400	B
No Component	30%							D

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
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%			2043	**	5		B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : One 100 Amps Main Disconnect Switch</i>								
Raceway								
Conduit	90%			2023	\$19,400	1		B
Conduit	10%			2043	**	1		B
Panelboards								
Fused Disc Sw	20%			2022	\$2,200	5		B
Molded Case Bkrs	50%			2039	**	5	\$100	B
Molded Case Bkrs	30%			2022	\$3,400	5	\$100	B
Wiring								
Thermoplastic	90%			2023	\$13,500	1		B
Thermoplastic	10%			2043	**	1		B
Motor Controllers								
Locally Mounted	100%			2021	\$8,400	5	\$100	B
Ground								
Grounding Devices								
Not Accessible	100%							D
Lighting								
Interior Lighting								
Fluorescent	15%			2023	\$3,300	10	\$1,400	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : T-12 Lamps</i>								
Incandescent	85%			2018	\$18,500	2	\$200	B
Exterior Lighting								
Incandescent	100%			2018	\$2,100	2		B

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

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

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

**DEPARTMENT OF CULTURAL AFFAIRS - 126
BRONX ZOO SMALL MAMMALS BLDG./MOUSE HOUSE**

Asset # : 2359

Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating								
Energy Source								
Natural Gas	100%			2033	**	1		B
Conversion Equipment								
Hot Water Boiler	100%			2036	**	1	\$4,900	B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement Boiler Room</i>								
<i>Explanation : 1 Working Unit And One Obsolete Unit Remaining In Boiler Room</i>								
Distribution								
Hot Wtr Piping/Pump	100%	Now	\$16,800	2031	**	4	\$500	B
<i>Corroded, Extent : Severe, Area Affected : 80%</i>								
<i>Location : Various Locations</i>								
<i>Insul. Deteriorating, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Boiler Room</i>								
Terminal Devices								
Convactor/Radiator	100%			2021	\$26,000	1	\$3,200	B
Air Conditioning								
Energy Source								
Electricity	100%			2031	**	1		B
Conversion Equipment								
Window/Wall Unit	30%			2018	\$6,900	1		B
<i>Other Observation, Extent : Light, Area Affected : 30%</i>								
<i>Location : 1st Floor Office</i>								
<i>Explanation : 2 Units</i>								
No Component	70%							D
Ventilation								
Exhaust Fans								
Interior	100%			2018	\$14,700	2	\$300	B
Plumbing								
H/C Water Piping								
Brass/Copper	100%	Now	\$10,000	2033	**	1		B
<i>Corroded, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
Water Heater								
Gas Fired	100%			2021	\$2,600	2	\$100	B
Sanitary Piping								
Cast Iron	100%	Now	\$7,300	LIFE	**	1		B
<i>Corroded, Extent : Severe, Area Affected : 75%</i>								
<i>Location : Basement</i>								
Storm Drain Piping								
Cast Iron	100%	Now	\$1,600	LIFE	**	1		B
<i>Cracked, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Basement</i>								
Fixtures								
Generic	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.

Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : BRONX ZOO STORAGE SHED/TRUCK GARAGE
Address : BRONX RIVER PKWY & FORDHAM RD
Borough : BRONX **Agency's Number** : N/A
Program / Asset # : DCA0005.460 / 2187 **Yr Built/Renovated** : 1935 /
Area Sq Ft : 9,575 **Project Type** : CULTURAL AFFAIRS
Date of Survey : 17-Apr-2012 **Landmark Status** : NONE
Areas Surveyed : Roof, Floors 1
Block : 3120 **Lot** : 20 **BIN** :

CAPITAL

Total
 Priority
Total

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$6,000			\$4,200
Interior Architecture				
Electrical		\$100		
Total	\$6,000	\$100		\$4,200
Priority A	\$6,000			\$4,200
Priority B		\$100		
Priority C				
Total	\$6,000	\$100		\$4,200



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

**DEPARTMENT OF CULTURAL AFFAIRS - 126
BRONX ZOO STORAGE SHED/TRUCK GARAGE**

Asset # : 2187

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Concrete Masonry Unit	25%			LIFE	**	5	\$900	A
Masonry: Brick	10%			LIFE	**	5	\$600	A
Metal Sect. OHD	25%			2028	**	5	\$4,400	A
Wood	5%	0-2	\$1,800	2028	**	5	\$700	A
<i>Dry Rot/Decay, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Wood Overhead Doors	30%	0-2	\$3,000	2028	**	5	\$4,200	A
<i>Dry Rot/Decay, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout Storage Area</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Storage Area</i>								
<i>Explanation : These Are Actually Large Sliding Doors</i>								
No Component	5%							D
Windows								
Wood	5%	Now	\$600	2048	**	5	\$100	A
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Glazing Broken/Cracked, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
No Component	95%							D
Parapets								
Masonry: Brick	10%			LIFE	**	5	\$100	A
Metal Panel	5%			2033	**	5	\$200	A
No Component	85%							D
Roof								
Single Ply Membrane	35%			2028	**	10	\$1,900	A
Single Ply Membrane	65%	0-2	\$600	2023	\$12,400			A
<i>Water Penetration, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Over Storage Area</i>								
Interior								
Interior Walls								
Wood	10%			LIFE	**	5	\$1,500	C
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : In Storage Area</i>								
<i>Explanation : Temporary Partitions</i>								
No Component	90%							D
Ceilings								
Exposed Struc: Wood	100%			LIFE	**			B

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Raceway								
Conduit	100%			2033	**	1		B

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

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

**DEPARTMENT OF CULTURAL AFFAIRS - 126
BRONX ZOO STORAGE SHED/TRUCK GARAGE**

Asset # : 2187

Electrical	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Panelboards								
Molded Case Bkrs	100%			2031	* *	5	\$200	B
Wiring								
Thermoplastic	100%			2033	* *	1		B
Motor Controllers								
Locally Mounted	100%			2028	* *	5	\$100	B
Lighting								
Interior Lighting								
HID	50%			2023	\$1,300	10	\$100	B
Incandescent	50%			2023	\$4,800	2	\$100	B
Exterior Lighting								
HID	100%			2023	\$500	10		B

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Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : BRONX ZOO TERRACE CAFE
Address : BRONX RIVER PKWY & FORDHAM RD
Borough : BRONX **Agency's Number** : N/A
Program / Asset # : DCA0005.210 / 2177 **Yr Built/Renovated** : 1964 / 2000
Area Sq Ft : 2,700 **Project Type** : CULTURAL AFFAIRS
Date of Survey : 03-Apr-2012 **Landmark Status** : NONE
Areas Surveyed : Roof, Floors 1
Block : 3120 **Lot** : 20 **BIN** :

CAPITAL		FY 2015 - 2018	FY 2019 - 2024
Mechanical			\$46,000
Total			\$46,000
Priority	B		\$46,000
Total			\$46,000

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture		\$3,300		
Interior Architecture		\$3,200		
Electrical	\$100	\$200	\$100	\$2,100
Mechanical	\$100	\$100	\$300	\$100
Total	\$300	\$6,800	\$400	\$2,300
Priority	A	\$3,300		
Priority	B	\$300	\$400	\$2,300
Priority	C		\$2,100	
Total	\$300	\$6,800	\$400	\$2,300



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

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
BRONX ZOO TERRACE CAFE
Asset # : 2177

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Ceramic Tile	10%			2043	**	10	\$200	A
Metal Sect. OHD	40%			2036	**	5	\$3,300	A
Stucco Cement	50%			2036	**	5	\$3,300	A
Windows								
Metal Louvers	15%			2032	**	10	\$400	A
No Component	85%							D
Roof								
Asphalt Shingle	100%			2032	**	10	\$800	A
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	**	5	\$700	C
Quarry Tile	90%			2036	**	5	\$4,100	C
Interior Walls								
Concrete Masonry Unit	10%			LIFE	**	5		C
Fiberglass Panel	50%			LIFE	**			C
Gypsum Board	40%			LIFE	**	5	\$300	C
Ceilings								
AcousTileSusp.Lay-In	75%			2036	**	5	\$2,300	B
Gypsum Board	25%			LIFE	**	5	\$1,000	B

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
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%			2043	**	5	\$100	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : One 600 Amps Main Disconnect Switch</i>								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2043	**	5	\$100	B
Raceway								
Conduit	100%			2043	**	1		B
Panelboards								
Fused Disc Sw	5%			2039	**	5		B
Molded Case Bkrs	95%			2039	**	5	\$100	B
Wiring								
Thermoplastic	100%			2043	**	1		B
Motor Controllers								
Locally Mounted	100%			2036	**	5		B
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5		B
Lighting								

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

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
BRONX ZOO TERRACE CAFE
Asset # : 2177

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Lighting								
Interior Lighting Fluorescent	90%			2028	**	10	\$1,700	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : T-8 Lamps</i>								
Incandescent	10%			2028	**	2		B
Egress Lighting								
Emergency, Battery	50%			2028	**	10	\$200	B
Exit, Service	50%			2028	**	1		B
Exterior Lighting								
HID	100%			2028	**	10		B
Alarm								
Fire/Smoke Detection Generic	100%			2028	**	1-3	\$1,400	B
Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source Natural Gas	100%			2043	**	1		B
Conversion Equipment								
Furnace	100%			2028	**	1	\$1,000	B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Attic</i>								
<i>Explanation : 5 Interior Package Units - Combination A C And Furnace</i>								
Air Conditioning								
Energy Source Electricity	100%			2039	**	1		B
Conversion Equipment								
Int Pkg Unit - Heating/Cooling	100%			2024	\$46,000	2	\$100	B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Attic</i>								
<i>Explanation : 5 Units</i>								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$1,100	B
Exhaust Fans								
Roof	100%			2023	\$1,800	2	\$100	B
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	**	1		B
Water Heater								
Gas Fired	100%			2021	\$500	2		B

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

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
BRONX ZOO TERRACE CAFE
Asset # : 2177

Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Plumbing								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		B
Backflow Preventer								
Generic	100%			2023	\$200	1	\$100	B
Fixtures								
Generic	100%							B
Fire Suppression								
Sprinkler								
No Component	90%							D
Generic	10%			2033	* *	1-2	\$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.

Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : BRONX ZOO WEST ADMINISTRATION BUILDING
Address : BRONX RIVER PKWY & FORDHAM RD
Borough : BRONX Agency's Number : N/A
Program / Asset # : DCA0005.330 / 2349 Yr Built/Renovated : 1905 / 1999
Area Sq Ft : 27,720 Project Type : CULTURAL AFFAIRS
Date of Survey : 02-Apr-2012 Landmark Status : EXTERIOR LANDMARK
Areas Surveyed : Basement, Roof, Floors 1,2
Block : 3120 Lot : 20 BIN :

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$408,600	\$216,600
Interior Architecture		\$99,900
Mechanical		\$348,900
Total	\$408,600	\$665,400
Priority A	\$408,600	\$216,600
Priority B		\$348,900
Priority C		\$99,900
Total	\$408,600	\$665,400

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$17,100	\$5,500		\$48,700
Interior Architecture		\$11,300	\$1,200	\$13,200
Electrical	\$2,900	\$3,600	\$2,900	\$5,100
Mechanical	\$19,400	\$8,400	\$17,200	\$8,000
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$43,300	\$32,800	\$25,300	\$78,900
Priority A	\$17,100	\$5,500		\$48,700
Priority B	\$26,200	\$16,000	\$24,000	\$30,200
Priority C		\$11,300	\$1,200	
Total	\$43,300	\$32,800	\$25,300	\$78,900



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

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

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

**DEPARTMENT OF CULTURAL AFFAIRS - 126
BRONX ZOO WEST ADMINISTRATION BUILDING**

Asset # : 2349

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	50%			LIFE	**	5	\$43,300	A
Masonry: Limestone	15%	Now	\$194,900	LIFE	**	5	\$9,700	A
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : West Facade</i>								
Metal Panel	10%			2033	**	5-10	\$59,600	A
Stucco Cement	15%			2028	**	5	\$32,500	A
Window Wall	10%			2033	**	5	\$32,500	A
Windows								
Aluminum	75%	Now	\$17,100	2039	**	5	\$1,600	A
<i>Unit Inoperable, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : West Side 2nd Floor</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : West Side 2nd Floor</i>								
Wood	25%			2031	**	5	\$11,000	A
Parapets								
Masonry: Limestone	100%			LIFE	**	5	\$19,400	A
Roof								
Copper/Terne	60%			2038	**	10	\$73,100	A
Paver: Asphalt	20%			2032	**	10	\$14,600	A
Sloped Glazing	20%	Now	\$140,600	LIFE	**	5	\$130,000	A
<i>Ponding, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout West Wing Lower Roof</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Throughout East And West Wings</i>								
Interior								
Floors								
Carpet	53%			2019			\$31,000	C
Cast in Place Concrete	15%			LIFE	**	5	\$12,800	C
Ceramic Tile	5%			2026	**	5	\$2,000	C
Granite Panels	2%			LIFE	**	5	\$600	C
Vinyl Tile	25%			2023			\$3,700	C
Interior Walls								
Concrete Masonry Unit	15%			LIFE	**	5	\$600	C
Glass: Single Pane	5%			LIFE	**	5	\$400	C
Gypsum Board	65%			LIFE	**	5	\$3,800	C
Masonry: Brick	5%			LIFE	**			C
Wood	10%			LIFE	**	5	\$3,900	C
Ceilings								
AcousTileConcealSpLn	10%			2028	**	5	\$4,900	B
AcousTileSusp.Lay-In	55%			2028	**	5	\$21,400	B
Exposed Struc: Steel	20%			LIFE	**			B
Gypsum Board	10%			LIFE	**	5	\$4,900	B
Plaster	5%			LIFE	**	5	\$1,200	B

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

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

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

**DEPARTMENT OF CULTURAL AFFAIRS - 126
BRONX ZOO WEST ADMINISTRATION BUILDING**

Asset # : 2349

Electrical	Current Repair			Future Replacement		Maintenance		Priority Code
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%			2043	**	5	\$100	B
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Electrical Room</i>							
	<i>Explanation : Three 800 Amps Main Disconnect Switch</i>							
Transformers								
Dry Type	100%			2036	**	5	\$100	B
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Electrical & Boiler Room</i>							
	<i>Explanation : One 225 Kva 480hv-208/120lv And One 45 Kva 480hv-208/120lv</i>							
Switchgear / Switchboard								
Fused Disc Sw	100%			2043	**	5	\$100	B
Raceway								
Conduit	100%			2043	**	1		B
Panelboards								
Fused Disc Sw	10%			2039	**	5	\$100	B
Molded Case Bkrs	90%			2039	**	5	\$500	B
Wiring								
Thermoplastic	100%			2043	**	1		B
Motor Controllers								
Locally Mounted	10%			2036	**	5		B
Motor Control Center	90%			2036	**	5	\$600	B
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$300	B
Stand-by Power								
Transfer Switches								
Automatic	100%			2040	**	1	\$7,000	B
Generators								
Diesel	100%			2036	**	1	\$8,800	B
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Generator Room</i>							
	<i>Explanation : One 125 Kw</i>							
Batteries								
Lead/Acid	100%			2018	\$700	5	\$800	B
Fuel Storage								
Main Tank	100%			2058	**	5	\$800	B
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Generator Room</i>							
	<i>Explanation : One 335 Gals</i>							
Lighting								

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

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

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

**DEPARTMENT OF CULTURAL AFFAIRS - 126
BRONX ZOO WEST ADMINISTRATION BUILDING**

Asset # : 2349

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Lighting								
Interior Lighting								
Fluorescent	40%			2031	**	10	\$9,600	B
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Throughout The Building</i>						
		<i>Explanation : T-5 Lamps</i>						
Fluorescent	60%			2031	**	10	\$14,300	B
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Throughout The Building</i>						
		<i>Explanation : T-8 Lamps</i>						
Egress Lighting								
Emergency, Service	40%			2031	**	1		B
Emergency, Battery	10%			2028	**	10	\$600	B
Exit, Service	50%			2028	**	1		B
Exterior Lighting								
HID	50%			2028	**	10		B
Incandescent	50%			2028	**	2		B
Alarm								
Fire/Smoke Detection								
Generic	100%			2028	**	1-3	\$14,000	B

Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
HTHW/HW	50%			2033	**	1		B
Interruptible Gas/Dual Fuel	50%			2043	**	1		B
Conversion Equipment								
Heat Exchanger	50%	0-2	\$1,000	2026	**	1	\$5,800	B
		<i>Corroded, Extent : Moderate, Area Affected : 15%</i>						
		<i>Location : Basement Boiler Room</i>						
Hot Water Boiler	50%			2028	**	1	\$6,500	B
		<i>Other Observation, Extent : Light, Area Affected : 50%</i>						
		<i>Location : Basement Boiler Room</i>						
		<i>Explanation : 1 Units</i>						
Distribution								
Hot Wtr Piping/Pump	100%			2039	**	4	\$1,900	B
Terminal Devices								
Air Handler	50%			2023		1	\$8,100	B
Convactor/Radiator	50%			2036	**	1	\$4,200	B

Air Conditioning

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

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

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

**DEPARTMENT OF CULTURAL AFFAIRS - 126
BRONX ZOO WEST ADMINISTRATION BUILDING**

Asset # : 2349

Mechanical	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Air Conditioning								
Energy Source								
Electricity	5%			2039	**	1		B
Steam/HW System	95%			2043	**	1		B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : From Cogeneration Plant</i>								
<i>Explanation : Hthw</i>								
Conversion Equipment								
Absorption	95%			2032	**	1	\$26,800	B
Chiller/Steam/HW								
Int Pkg Unit - Heating/Cooling	5%			2021	\$31,800	2	\$100	B
Distribution								
Chilled Wtr Pipe/Pump	100%			2043	**	4	\$1,900	B
Terminal Devices								
Air Handler/Cool/Ht	100%			2023	\$135,700	1	\$16,100	B
Heat Rejection								
Water Cool Tower	100%	Now	\$9,200	2021	\$91,700	2	\$21,000	B
<i>Leak Evident, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Seals Of The Unit</i>								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$14,500	B
Exhaust Fans								
Interior	100%			2023	\$35,300	2	\$800	B
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	**	1		B
Water Heater								
Electric	100%			2021	\$5,000	4	\$200	B
HW Heat Exchanger								
Low Temp	100%			2033	**	4	\$2,600	B
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		B
Backflow Preventer								
Generic	100%			2028	**	1	\$1,600	B
Fixtures								
Generic	100%							B
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	**			C
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : B, 1, 2</i>								
<i>Explanation : 1 Unit</i>								
Fire Suppression								
Standpipe								
Generic	100%			2049	**	1-5	\$13,200	B

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

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

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

**DEPARTMENT OF CULTURAL AFFAIRS - 126
BRONX ZOO WEST ADMINISTRATION BUILDING**

Asset # : 2349

Mechanical	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Fire Suppression Sprinkler								
Generic	100%			2043	* *	1-2	\$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.*

Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : BRONX ZOO WORLD OF BIRDS
Address : BRONX RIVER PKWY & FORDHAM RD
Borough : BRONX **Agency's Number** : N/A
Program / Asset # : DCA0005.900 / 2362 **Yr Built/Renovated** : 1972 / 2004
Area Sq Ft : 29,110 **Project Type** : CULTURAL AFFAIRS
Date of Survey : 11-Apr-2012 **Landmark Status** : NONE
Areas Surveyed : Roof, Floors 1,2
Block : 3120 **Lot** : 20 **BIN** :

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$1,097,300	\$227,500
Interior Architecture		\$694,000
Electrical		\$141,300
Mechanical		\$350,300
Total	\$1,097,300	\$1,413,000
Priority A	\$1,097,300	\$227,500
Priority B		\$581,200
Priority C		\$604,400
Total	\$1,097,300	\$1,413,000

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture		\$2,300		\$24,500
Interior Architecture	\$10,200	\$6,100		\$15,600
Electrical	\$1,700	\$2,300	\$3,100	\$11,800
Mechanical	\$13,600	\$13,100	\$10,200	\$36,500
Total	\$25,500	\$23,900	\$13,300	\$88,500
Priority A		\$2,300		\$24,500
Priority B	\$25,500	\$15,500	\$13,300	\$48,300
Priority C		\$6,100		\$15,600
Total	\$25,500	\$23,900	\$13,300	\$88,500



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

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
BRONX ZOO WORLD OF BIRDS
Asset # : 2362

Architecture	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Concrete Masonry Unit	100%	Now	\$628,800	LIFE	**	5	\$56,900	A
<i>Vegetation Growth, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Within Wall System</i>								
<i>Explanation : Suspect Problem With Metal Masonry Ties</i>								
<hr/>								
Windows								
Aluminum	100%			2031	**	5	\$4,600	A
<hr/>								
Parapets								
Concrete Masonry Unit	90%	Now	\$87,200	LIFE	**	5	\$16,500	A
<i>Vegetation Growth, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout, Inside Face</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
Metal Panel	5%			2043	**	5	\$3,100	A
Metal Rail	5%			2028	**	5-10	\$14,600	A
<hr/>								
Roof								
Metal Panel	15%			2028	**	10	\$14,100	A
Sloped Glazing	25%	Now	\$170,600	LIFE	**	5	\$170,600	A
<i>Glazing Broken/Cracked, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Over Exhibits</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Over Exhibition</i>								
Traffic Topping	60%	Now	\$210,600	2033	**			A
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Over Exhibits</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<hr/>								
Interior								
Floors								
Carpet	25%			2019	\$60,200	3	\$15,400	C
Cast in Place Concrete	10%			LIFE	**	5	\$9,000	C
Ceramic Tile	5%			2026	**	5	\$2,000	C
Quarry Tile	5%			2028	**	5	\$3,100	C
Traffic Topping	55%			2023	\$604,400	5	\$28,100	C
<hr/>								
Interior Walls								
Concrete Masonry Unit	50%			LIFE	**	5	\$2,000	C
Glass: Special Gauge	20%			LIFE	**	1		C
Plaster	30%			LIFE	**	5	\$900	C

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
BRONX ZOO WORLD OF BIRDS
Asset # : 2362

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Interior								
Ceilings								
AcousTileSusp.Lay-In	50%			2040	* *	5	\$20,500	B
<i>Recent Installation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout Exhibits, 2011</i>								
Exposed Concrete	25%			LIFE	* *	5	\$1,600	B
<i>Water Penetration, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Second Floor Exhibit</i>								
Wood	25%			LIFE	* *	5	\$89,600	B

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Over 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2023	\$33,400	3	\$100	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Outside</i>								
<i>Explanation : One 600 Amps Main Disconnect Switch</i>								
Transformers								
Dry Type	100%			2021	\$33,300	3	\$200	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Outside The Building</i>								
<i>Explanation : One 500 Kva, 4160hv-480/277lv</i>								
Feeders								
Cable	100%			2022	\$1,000	1		B
Raceway								
Conduit	100%			2023	\$3,500	1		B
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2023	\$3,000	5	\$100	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : One 1600 Amps Main Disconnect Switch</i>								
Switchgear / Switchboard								
Fused Disc Sw	100%			2023	\$44,500	5	\$100	B
Raceway								
Conduit	100%			2023	\$24,200	1		B
Panelboards								
Fused Disc Sw	10%			2022	\$2,200	5	\$100	B
Molded Case Bkrs	90%			2022	\$20,200	5	\$600	B
Wiring								
Thermoplastic	100%			2023	\$26,000	1		B
Motor Controllers								
Locally Mounted	20%			2021	\$3,100	5		B
Motor Control Center	80%			2021	\$12,400	5	\$500	B

Ground

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DEPARTMENT OF CULTURAL AFFAIRS - 126
BRONX ZOO WORLD OF BIRDS
Asset # : 2362

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$400	B
Stand-by Power								
Transfer Switches								
Automatic	100%			2036	**	1	\$7,400	B
Generators								
Diesel	100%			2032	**	1	\$9,200	B
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Outside The Building</i>						
		<i>Explanation : One 88 Kw</i>						
Batteries								
Lead/Acid	100%			2017	\$600	5	\$900	B
Fuel Storage								
Main Tank	100%			2051	**	5	\$800	B
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Outside</i>						
		<i>Explanation : One 175 Gals</i>						
Lighting								
Interior Lighting								
Fluorescent	40%			2028	**	10	\$10,000	B
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Offices</i>						
		<i>Explanation : T-12 Lamps</i>						
Fluorescent	60%			2023	\$96,900	10	\$15,100	B
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Throughout The Building</i>						
		<i>Explanation : Compact Fluorescent Lamps</i>						
Egress Lighting								
Emergency, Service	50%			2023	\$2,300	1		B
Exit, Service	50%			2023	\$2,300	1		B
Exterior Lighting								
HID	100%			2023	\$9,900	10	\$100	B

Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
HTHW/HW	50%			2033	**	1		B
Natural Gas	50%			2043	**	1		B
Conversion Equipment								
Heat Exchanger	50%			2032	**	1	\$6,800	B
Hot Water Boiler	50%			2036	**	1	\$6,800	B
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : First Floor Mechanical Room</i>						
		<i>Explanation : Absorbers Boilers Supplement Hot Water Loop</i>						

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

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
BRONX ZOO WORLD OF BIRDS
Asset # : 2362

Mechanical	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating								
Distribution								
Hot Wtr Piping/Pump	100%			2039	**	4	\$2,000	B
Terminal Devices								
Air Handler	80%			2023	\$133,800	1	\$13,600	B
<i>On Extended Life, Extent : Light, Area Affected : 100%</i>								
<i>Location : First Floor Fan Room And Roof</i>								
Convector/Radiator	20%			2028	**	1	\$1,800	B
Air Conditioning								
Energy Source								
Natural Gas	100%			2043	**	1		B
Conversion Equipment								
Absorption Chiller/Direct Fire	100%			2028	**	1	\$29,600	B
Distribution								
Chilled Wtr Pipe/Pump	100%			2043	**	4	\$2,000	B
Terminal Devices								
Air Handler/Cool/Ht	100%			2023	\$131,800	1	\$16,900	B
<i>Corroded, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Roof, Moderate Evidence Of Corosion</i>								
Heat Rejection								
Water Cool Tower	5%	0-2	\$4,500	2028	**	2	\$1,100	B
<i>Corroded, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Moderate Evidence Of Corosion</i>								
Water Cool Tower	95%			2024	\$84,600	2	\$26,200	B
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$15,300	B
Exhaust Fans								
Interior	20%			2023	\$6,900	2	\$200	B
Roof	80%			2018	\$19,700	2	\$700	B
<i>On Extended Life, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Roof</i>								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	**	1		B
Water Heater								
Electric	50%			2021	\$2,400	4	\$100	B
Gas Fired	50%			2018	\$3,600	2	\$200	B
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		B
Storm Drain Piping								
Cast Iron	100%			LIFE	**	1		B
Backflow Preventer								
Generic	100%			2028	**	1	\$1,700	B
Fixtures								
Generic	100%							B

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

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

Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : BRONX ZOO WORLD OF DARKNESS
Address : BRONX RIVER PKWY & FORDHAM RD
Borough : BRONX **Agency's Number** : N/A
Program / Asset # : DCA0005.640 / 2334 **Yr Built/Renovated** : 1969 / 2006
Area Sq Ft : 9,714 **Project Type** : CULTURAL AFFAIRS
Date of Survey : 04-Apr-2012 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1
Block : 3120 **Lot** : 20 **BIN** :

CAPITAL

Total
 Priority
Total

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$13,000			\$10,600
Interior Architecture		\$400		\$300
Electrical	\$4,200	\$700	\$1,400	\$33,000
Mechanical	\$7,500	\$700	\$1,200	\$39,700
Total	\$24,700	\$1,700	\$2,600	\$83,500
Priority A	\$13,000			\$10,600
Priority B	\$11,700	\$1,300	\$2,600	\$72,700
Priority C		\$400		\$300
Total	\$24,700	\$1,700	\$2,600	\$83,500



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

DEPARTMENT OF CULTURAL AFFAIRS - 126
BRONX ZOO WORLD OF DARKNESS
Asset # : 2334

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
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	\$2,000	A
Pre-Cast Concrete	90%	Now	\$13,000	LIFE	**	5	\$11,900	A
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Spalling, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Throughout Panels</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Underside Of Panels</i>								
<i>Explanation : Exposed Rebar</i>								
Parapets								
Pre-Cast Concrete	100%			LIFE	**	5	\$900	A
Roof								
Single Ply Membrane	100%			2028	**	10	\$10,600	A
Interior								
Floors								
Carpet	10%			2019	\$4,200	3	\$1,100	C
Cast in Place Concrete	85%			LIFE	**	5	\$13,100	C
Sheet Vinyl/Rubber	5%			2023	\$5,500	5	\$500	C
Interior Walls								
Concrete Masonry Unit	50%			LIFE	**	5	\$1,300	C
Plaster	50%			LIFE	**	5	\$1,000	C
Ceilings								
Exposed Concrete	50%			LIFE	**	5	\$400	B
Fiber Board	50%			2023	\$24,700			B

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Over 600 Volts								
Transformers								
Liquid Filled	100%			2028	**	3	\$100	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Outside</i>								
<i>Explanation : One 500 Kva, 4160hv-208/120lv</i>								
Feeders								
Cable	100%			2031	**	1		B
Raceway								
Conduit	100%			2033	**	1		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.

DEPARTMENT OF CULTURAL AFFAIRS - 126
BRONX ZOO WORLD OF DARKNESS
Asset # : 2334

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2023	\$1,100	5		B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : Two 400 Amps Main Disconnect Switch</i>								
Fused Disc Sw	30%			2033	**	5		B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : One 400 Amps Main Disconnect Switch</i>								
Switchgear / Switchboard								
Fused Disc Sw	20%			2023	\$3,000	5		B
Molded Case Bkrs	80%			2023	\$11,900	5	\$200	B
Raceway								
Conduit	50%			2033	**	1		B
Conduit	50%			2023	\$2,900	1		B
Panelboards								
Fused Disc Sw	5%			2022	\$600	5		B
Molded Case Bkrs	65%			2022	\$7,300	5	\$100	B
Molded Case Bkrs	30%			2031	**	5	\$100	B
Wiring								
Braided Cloth	50%	2-4	\$2,700	2048	**	1		B
<i>Insulation Aged, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
Thermoplastic	20%			2033	**	1		B
Thermoplastic	30%			2023	\$1,600	1		B
Motor Controllers								
Locally Mounted	100%			2021	\$5,200	5	\$100	B
Ground								
Grounding Devices								
Generic	100%	0-2	\$900	LIFE	**	5	\$100	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : 1st Floor</i>								
<i>Explanation : Corroded And Connected To Main Water Pipe</i>								
Stand-by Power								
Transfer Switches								
Automatic	100%			2036	**	1	\$2,500	B
Generators								
Diesel	100%			2032	**	1	\$3,100	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Outside The Building</i>								
<i>Explanation : One 125 Kw</i>								
Batteries								
Lead/Acid	100%			2017	\$600	5	\$300	B

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

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
BRONX ZOO WORLD OF DARKNESS
Asset # : 2334

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Stand-by Power								
Fuel Storage								
Day Tank	50%			2039	**	5	\$400	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Generator Room</i>								
<i>Explanation : One 30 Gals</i>								
Main Tank	50%			2038	**	5	\$100	B
Lighting								
Interior Lighting								
Fluorescent	25%			2018	\$7,000	10	\$1,100	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Offices</i>								
<i>Explanation : T-12 Lamps</i>								
Incandescent	75%			2018	\$20,900	2	\$100	B
Egress Lighting								
Emergency, Service	50%			2023	\$400	1		B
Exit, Service	50%			2023	\$400	1		B
Exterior Lighting								
HID	100%			2018	\$3,300	10		B
Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
HTHW/HW	50%			2033	**	1		B
Natural Gas	50%			2033	**	1		B
Conversion Equipment								
Heat Exchanger	50%			2019	\$600	1	\$1,200	B
<i>Other Observation, Extent : Light, Area Affected : 50%</i>								
<i>Location : 1st Floor Boiler Room</i>								
<i>Explanation : 1 Unit</i>								
Hot Water Boiler	50%			2021	\$6,000	1	\$1,200	B
<i>Other Observation, Extent : Light, Area Affected : 50%</i>								
<i>Location : 1st Floor Boiler Room</i>								
<i>Explanation : 1 Unit</i>								
Distribution								
Hot Wtr Piping/Pump	100%	0-2	\$2,700	2031	**	4	\$200	B
<i>Corroded, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : 1st Floor Boiler Room</i>								
Terminal Devices								
Air Handler	90%			2018	\$26,000	1	\$2,600	B
Fan Coil Unit/Heat	10%			2018	\$8,000	1	\$200	B
Air Conditioning								
Energy Source								
Electricity	100%			2031	**	1		B

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Estimates are rounded to the nearest hundred dollars.

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
BRONX ZOO WORLD OF DARKNESS
Asset # : 2334

Mechanical	Current Repair		Future Replacement		Maintenance		Priority Code	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Air Conditioning								
Conversion Equipment								
Reciprocating Compr/Chiller	30%			2031	**	1	\$700	B
No Component	70%							D
Distribution								
Chilled Wtr Pipe/Pump	30%			2043	**	4	\$100	B
No Component	70%							D
Terminal Devices								
Air Handler/Cool/Ht	30%			2018	\$2,000	1	\$900	B
No Component	70%							D
Heat Rejection								
Air Condenser Unit	30%			2031	**	2	\$1,000	B
No Component	70%							D
Ventilation								
Distribution								
Ductwork/Diffusers	100%	4+	\$2,300	LIFE	**	2-5	\$2,600	B
<i>Needs Cleaning, Extent : Moderate, Area Affected : 70%</i>								
<i>Location : Throughout</i>								
Exhaust Fans								
Interior	50%			2018	\$3,000	2	\$100	B
Not Accessible	50%							D
Plumbing								
H/C Water Piping								
Brass/Copper	100%	2-4	\$1,600	2033	**	1		B
<i>Corroded, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Water Main</i>								
Water Heater								
Gas Fired	100%			2022	\$1,200	2	\$100	B
HW Heat Exchanger								
HTHW/HW	100%			2033	**			B
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		B
Storm Drain Piping								
Cast Iron	100%			LIFE	**	1		B
Fixtures								
Generic	100%							B
<i>Obsolete Fixtures, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								

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

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

Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : BRONX ZOO WORLD OF REPTILES
Address : BRONX RIVER PKWY & FORDHAM RD
Borough : BRONX Agency's Number : N/A
Program / Asset # : DCA0005.710 / 2335 Yr Built/Renovated : 1900 / 2012
Area Sq Ft : 11,405 Project Type : CULTURAL AFFAIRS
Date of Survey : 05-Apr-2012 Landmark Status : NONE
Areas Surveyed : Basement, Roof, Floors 1,ATC
Block : 3120 Lot : 20 BIN :

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Exterior Architecture		\$66,800
Total		\$66,800
Priority A		\$66,800
Total		\$66,800

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$30,700	\$300		\$7,500
Interior Architecture	\$45,700	\$6,600	\$200	\$1,600
Electrical	\$600	\$800	\$1,500	\$700
Mechanical	\$2,200	\$1,000	\$2,300	\$3,300
Total	\$79,200	\$8,700	\$4,000	\$13,100
Priority A	\$30,700	\$300		\$7,500
Priority B	\$14,500	\$1,900	\$3,900	\$4,000
Priority C	\$34,000	\$6,600	\$200	\$1,600
Total	\$79,200	\$8,700	\$4,000	\$13,100



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DEPARTMENT OF CULTURAL AFFAIRS - 126
BRONX ZOO WORLD OF REPTILES
Asset # : 2335

Architecture	Current Repair			Future Replacement		Maintenance		Priority Code	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost		
Exterior									
Exterior Walls									
Cast Stone/Terra Cotta	10%			LIFE	**	5	\$17,000	A	
Copper/Terne	5%			2043	**	10	\$2,600	A	
Masonry: Brick	55%			LIFE	**	5	\$12,000	A	
Masonry: Granite	10%			LIFE	**	5	\$1,600	A	
Masonry: Limestone	5%	Now	\$13,600	LIFE	**	5	\$800	A	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 15%</i>									
<i>Location : Window At North Facade</i>									
Window Wall	5%			2033	**	5	\$4,100	A	
Wood	10%			2028	**	5	\$10,900	A	
Windows									
Aluminum	95%			2031	**	5	\$300	A	
Metal Louvers	5%			2026	**	10	\$100	A	
Roof									
Copper/Terne	65%	Now	\$14,800	2038	**			A	
<i>Gut/DS Non Func/Miss, Extent : Moderate, Area Affected : 25%</i>									
<i>Location : Throughout</i>									
<i>Miss/Damaged Flashings, Extent : Moderate, Area Affected : 20%</i>									
<i>Location : Throughout Gutters</i>									
Single Ply Membrane	5%	0-2	\$200	2023		\$3,500		A	
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>									
<i>Location : Over Trailer Offices</i>									
Skylight, Plastic	5%	0-2	\$2,100	2028	**	1		A	
<i>Water Penetration, Extent : Moderate, Area Affected : 5%</i>									
<i>Location : Above Locker Room</i>									
Sloped Glazing	25%			LIFE	**	5	\$66,800	A	
Interior									
Floors									
Carpet	35%			2025	**	3	\$7,600	C	
<i>Recent Installation, Extent : Light, Area Affected : 100%</i>									
<i>Location : Throughout Public Space, 2012</i>									
Cast in Place Concrete	20%			LIFE	**	5	\$6,300	C	
<i>Other Observation, Extent : Moderate, Area Affected : 10%</i>									
<i>Location : Basement</i>									
<i>Explanation : Ground Water</i>									
Panel/Paver: Cer/Brk	25%			2031	**	5	\$8,100	C	
Quarry Tile	10%			2028	**	5	\$2,200	C	
Vinyl Tile	10%			2023		\$13,700	3	\$500	C

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
BRONX ZOO WORLD OF REPTILES
Asset # : 2335

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
Interior Walls								
Concrete Masonry Unit	10%			LIFE	**	5	\$800	C
Fabric on Framing	10%			2028	**	5	\$1,000	C
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout Public Space, 2012</i>								
Gypsum Board	10%			LIFE	**	5	\$1,200	C
Gypsum Board	10%			LIFE	**	5	\$1,200	C
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout Public Space, 2012</i>								
Masonry: Brick	20%	0-2	\$26,800	LIFE	**			C
<i>Spalling, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : First Floor North Corridor</i>								
Plaster	40%	2-4	\$7,200	LIFE	**	5	\$2,400	C
<i>Paint Peeling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : First Floor North Corridor</i>								
Ceilings								
AcousTileSusp.Lay-In	20%	0-2	\$1,900	2028	**	5	\$1,400	B
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Office Trailers</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Office Trailers</i>								
Exposed Struc: Steel	25%			LIFE	**			B
Gypsum Board	25%	0-2	\$2,300	LIFE	**	5	\$4,500	B
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Locker Room</i>								
Plaster	30%	2-4	\$7,400	LIFE	**	5	\$2,700	B
<i>Paint Peeling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : North Corridor</i>								

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
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%							D
Transformers								
Not Accessible	100%							D
Feeders								
Not Accessible	100%							D
Raceway								
Not Accessible	100%							D
Under 600 Volts								

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

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DEPARTMENT OF CULTURAL AFFAIRS - 126
BRONX ZOO WORLD OF REPTILES
Asset # : 2335

Electrical	Current Repair		Future Replacement		Maintenance		Priority Code	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts								
Service Equipment								
Air Circuit Breaker	100%			2043	* *	5		B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Outside</i>								
<i>Explanation : One 1200 Amps Main Disconnect Switch</i>								
Switchgear / Switchboard								
Air Circuit Breaker	100%			2043	* *	5		B
Raceway								
Conduit	90%			2023	\$19,400	1		B
Conduit	10%			2043	* *	1		B
Panelboards								
Fused Disc Sw	10%			2022	\$1,100	5		B
Molded Case Bkrs	50%			2022	\$5,600	5	\$100	B
Molded Case Bkrs	40%			2039	* *	5	\$100	B
Wiring								
Thermoplastic	100%			2023	\$15,100	1		B
Motor Controllers								
Locally Mounted	100%			2021	\$8,400	5	\$100	B
Ground								
Grounding Devices								
Not Accessible	100%							D
Stand-by Power								
Transfer Switches								
Automatic	100%			2036	* *	1	\$2,900	B
Generators								
Diesel	100%			2032	* *	1	\$3,600	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Outside The Building</i>								
<i>Explanation : One 136 Kw</i>								
Batteries								
Lead/Acid	100%			2017	\$600	5	\$300	B
Fuel Storage								
Main Tank	100%			2051	* *	5	\$300	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Outside The Building</i>								
<i>Explanation : One 225 Gals</i>								
Lighting								
Interior Lighting								
Fluorescent	40%			2023	\$8,600	10	\$3,600	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : T-12 Lamps</i>								
Fluorescent	60%			2023	\$12,800	10	\$5,300	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Compact Fluorescent Lamps</i>								

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DEPARTMENT OF CULTURAL AFFAIRS - 126
BRONX ZOO WORLD OF REPTILES
Asset # : 2335

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Lighting								
Egress Lighting								
Emergency, Service	50%			2023	\$800	1		B
Exit, Service	50%			2023	\$800	1		B
Exterior Lighting								
HID	100%			2023	\$600	10		B
Mechanical								
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating								
Energy Source								
HTHW/HW	50%			2033	**	1		B
		<i>Other Observation, Extent : Light, Area Affected : 50%</i>						
		<i>Location : From Cogeneration Plant</i>						
		<i>Explanation : Back-up</i>						
Natural Gas	50%			2033	**	1		B
Conversion Equipment								
Heat Exchanger	50%			2026	**	1	\$2,400	B
		<i>Other Observation, Extent : Light, Area Affected : 50%</i>						
		<i>Location : Basement Boiler Room</i>						
		<i>Explanation : 2 Units</i>						
Hot Water Boiler	50%			2028	**	1	\$2,400	B
		<i>Other Observation, Extent : Light, Area Affected : 50%</i>						
		<i>Location : Basement Boiler Room</i>						
		<i>Explanation : 2 Units</i>						
Distribution								
Hot Wtr Piping/Pump	100%			2031	**	4	\$700	B
Terminal Devices								
Air Handler	40%			2031	**	1	\$2,400	B
Convactor/Radiator	60%			2028	**	1	\$1,900	B
Air Conditioning								
Energy Source								
Electricity	100%			2031	**	1		B
Conversion Equipment								
Reciprocating Compr/Chiller	30%			2031	**	1	\$1,400	B
		<i>Other Observation, Extent : Light, Area Affected : 30%</i>						
		<i>Location : Rear Yard Of The Building</i>						
		<i>Explanation : 4 Units</i>						
Window/Wall Unit	10%			2018	\$2,300	1		B
No Component	60%							D
Distribution								
Chilled Wtr Pipe/Pump	30%			2049	**	4	\$100	B
No Component	70%							D

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DEPARTMENT OF CULTURAL AFFAIRS - 126
BRONX ZOO WORLD OF REPTILES
Asset # : 2335

Mechanical	Current Repair		Future Replacement		Maintenance		Priority Code	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)		Estimated Cost
Air Conditioning								
Terminal Devices								
Direct Expansion	30%			2031	* *	1		B
	<i>Other Observation, Extent : Light, Area Affected : 30%</i>							
	<i>Location : 2nd Floor</i>							
	<i>Explanation : 4 Units</i>							
No Component	70%							D
Heat Rejection								
Air Condenser Unit	30%			2031	* *	2	\$2,000	B
No Component	70%							D
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$5,400	B
Exhaust Fans								
Interior	80%			2023	\$11,600	2	\$200	B
Wall Unit	20%			2023	\$3,300	2	\$100	B
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2033	* *	1		B
HW Heat Exchanger								
Low Temp	100%			2023	\$3,400	4	\$1,400	B
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		B
Backflow Preventer								
Not Accessible	100%							D
Fixtures								
Generic	100%							B

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

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

Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : BRONX ZOO, SUBSTATION 1 MONORAIL TRANSFORMERS
Address : BRONX RIVER PKWY & FORDHAM RD DEVOE AVE. & 180TH STREET
Borough : BRONX **Agency's Number** : N/A
Program / Asset # : DCA0005.SSA / 495 **Yr Built/Renovated** : 1930 /
Area Sq Ft : 150 **Project Type** : CULTURAL AFFAIRS
Date of Survey : 12-Apr-2012 **Landmark Status** : NONE
Areas Surveyed : Floors 1
Block : 3120 **Lot** : 20 **BIN** :

CAPITAL

Total

Priority

Total

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Interior Architecture				
Electrical			\$600	
Total			\$600	
Priority B			\$600	
Priority C				
Total			\$600	



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

DEPARTMENT OF CULTURAL AFFAIRS - 126
BRONX ZOO, SUBSTATION 1 MONORAIL TRANSFORMERS

Asset # : 495

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
Floors								
Cast in Place Concrete	100%			LIFE	**	5	\$400	C
Electrical								
Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
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%							D
Transformers								
Liquid Filled	100%			2028	**	3		B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Outside</i>								
<i>Explanation : No Rating Available</i>								
Feeders								
Not Accessible	100%							D
Raceway								
Not Accessible	100%							D
Under 600 Volts								
Service Equipment								
Molded Case Bkrs	100%			2043	**	5		B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Outside</i>								
<i>Explanation : One 100 Amps Main Disconnect Switch</i>								
Raceway								
Conduit	100%			2043	**	1		B
Panelboards								
Molded Case Bkrs	100%			2039	**	5		B
Wiring								
Thermoplastic	100%			2043	**	1		B
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5		B
Stand-by Power								
Transfer Switches								
Automatic	100%			2036	**	1		B
Generators								
Diesel	100%			2032	**	1	\$100	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Generator Room</i>								
<i>Explanation : One 300 Kw</i>								
Batteries								
Lead/Acid	100%			2017		5	\$600	B

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

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
BRONX ZOO, SUBSTATION 1 MONORAIL TRANSFORMERS

Asset # : 495

Electrical	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Stand-by Power								
Fuel Storage								
Main Tank	100%			2051	**	5		B
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Generator Room - Outside</i>							
	<i>Explanation : One 700 Gals</i>							
Lighting								
Interior Lighting								
Incandescent	100%			2028	**	2		B
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Generator Room</i>							
	<i>Explanation : Generator Room Only</i>							
Exterior Lighting								
HID	100%			2028	**	10		B

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

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

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

Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : BRONX ZOO, SUBSTATION 13 CONED & WCS COGENERATION
Address : BRONX RIVER PKWY & FORDHAM RD DEVOE AVE. & 180TH STREET
Borough : BRONX **Agency's Number** : N/A
Program / Asset # : DCA0005.SSB / 496 **Yr Built/Renovated** : 1930 / 1991
Area Sq Ft : 150 **Project Type** : CULTURAL AFFAIRS
Date of Survey : 12-Apr-2012 **Landmark Status** : NONE
Areas Surveyed : Roof, Floors 1
Block : 3120 **Lot** : 20 **BIN** :

CAPITAL		FY 2015 - 2018	FY 2019 - 2024
Electrical			\$198,900
Total			\$198,900
Priority B			\$198,900
Total			\$198,900

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$500			
Interior Architecture				
Electrical				\$800
Total	\$500			\$800
Priority A	\$500			
Priority B				\$800
Priority C				
Total	\$500			\$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.
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DEPARTMENT OF CULTURAL AFFAIRS - 126
BRONX ZOO, SUBSTATION 13 CONED & WCS COGENERATION

Asset # : 496

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Concrete Masonry Unit	100%			LIFE	**	5	\$300	A
Roof								
Metal Panel	100%	Now	\$500	2028	**			A
<i>Deformed/Dented, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
Interior								
Floors								
Cast in Place Concrete	100%			LIFE	**	5	\$400	C
Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Over 600 Volts								
Service Equipment								
Air Circuit Breaker	25%			2023	\$8,300	3		B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Outside</i>								
<i>Explanation : One 1200 Amps Main Disconnect Switch For North Substation</i>								
Fused Disc Sw	75%			2023	\$25,000	3		B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Outside</i>								
<i>Explanation : Three 600 Amps Main Disconnect Switch For Cogeneration Plant And Substations Transformers</i>								
Transformers								
Liquid Filled	100%			2021	\$156,100	3		B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Substation C</i>								
<i>Explanation : One 250 Kva, 4160hv-480/277lv</i>								
Feeders								
Cable	100%			2022	\$42,800	1		B
Raceway								
Conduit	100%			2023	\$27,700	1		B
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2033	**	5		B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Outside</i>								
<i>Explanation : One 60 Amps Main Disconnect Switch</i>								
Raceway								
Conduit	100%			2033	**	1		B
Wiring								
Thermoplastic	100%			2033	**	1		B
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5		B
Lighting								

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

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
BRONX ZOO, SUBSTATION 13 CONED & WCS COGENERATION

Asset # : 496

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Lighting								
Interior Lighting								
Incandescent	100%			2018	\$800	2		B
Exterior Lighting								
HID	100%			2023	\$100	10		B

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Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : BRONX ZOO, SUBSTATION C CON ED VAULT
Address : BRONX RIVER PKWY & FORDHAM RD BRONXDALE PARKING LOT
Borough : BRONX Agency's Number : N/A
Program / Asset # : DCA0005.SSC / 497 Yr Built/Renovated : 1930 /
Area Sq Ft : 150 Project Type : CULTURAL AFFAIRS
Date of Survey : 12-Apr-2012 Landmark Status : NONE
Areas Surveyed : Floors 1
Block : 3120 Lot : 20 BIN :

CAPITAL		FY 2015 - 2018	FY 2019 - 2024
Electrical			\$252,900
Total			\$252,900
Priority B			\$252,900
Total			\$252,900

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$7,900			
Interior Architecture	\$1,500			
Electrical				\$800
Total	\$9,500			\$800
Priority A	\$7,900			
Priority B	\$700			\$800
Priority C	\$800			
Total	\$9,500			\$800



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
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 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF CULTURAL AFFAIRS - 126
BRONX ZOO, SUBSTATION C CON ED VAULT
Asset # : 497

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Cast in Place Concrete	5%	0-2	\$100	LIFE	**	5	\$100	A
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
Masonry: Brick	95%	Now	\$3,400	LIFE	**	5	\$500	A
<i>Horizontal Cracks, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
<i>Rusting Masonry Supt, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Windows								
Metal Louvers	100%	0-2	\$3,900	2038	**			A
<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 35%</i>								
<i>Location : Throughout</i>								
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
Roof								
Cast in Place Concrete	100%	0-2	\$600	LIFE	**			A
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Interior								
Floors								
Cast in Place Concrete	100%	0-2	\$800	LIFE	**	5	\$400	C
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Interior Walls								
Masonry: Brick	100%			LIFE	**			C
Ceilings								
Exposed Concrete	100%	Now	\$700	LIFE	**	5		B
<i>Exposed Reinforcement, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Electrical Room</i>								

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Over 600 Volts								
Transformers								
Liquid Filled	100%			2021	\$156,100	3		B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Bronxdale Parking Lot</i>								
<i>Explanation : Ratings Not Available</i>								
Feeders								
Cable	100%			2022	\$42,800	1		B
Raceway								
Conduit	100%			2023	\$27,700	1		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.*

**DEPARTMENT OF CULTURAL AFFAIRS - 126
BRONX ZOO, SUBSTATION C CON ED VAULT**

Asset # : 497

Electrical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2023	\$1,500	5		B
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Electrical Room - Bronxdale Parking Lot</i>						
		<i>Explanation : One 200 Amps Main Disconnect Switch</i>						
Molded Case Bkrs	50%			2033	* *	5		B
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Electrical Room - Bronxdale Parking Lot</i>						
		<i>Explanation : One 600 Amps Main Disconnect Switch</i>						
Switchgear / Switchboard								
Molded Case Bkrs	100%			2033	* *	5		B
Raceway								
Conduit	100%			2023	\$11,600	1		B
Panelboards								
Molded Case Bkrs	100%			2022	\$53,900	5		B
Wiring								
Thermoplastic	60%			2023	\$5,700	1		B
Thermoplastic	40%			2033	* *	1		B
Lighting								
Interior Lighting								
Incandescent	100%			2018	\$800	2		B
Exterior Lighting								
HID	100%			2023	\$100	10		B

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

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DEPARTMENT OF CULTURAL AFFAIRS - 126
BROOKLYN ACADEMY OF MUSIC
Asset # : 2377

Architecture	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	10%			LIFE	**	5	\$156,000	A
Masonry: Brick	55%			LIFE	**	5	\$109,800	A
Masonry: Brick	20%	Now	\$144,300	LIFE	**	5	\$20,000	A
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : South Facade, Alleyway</i>								
<i>Spalling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : South Facade, Alleyway</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Foundation</i>								
Masonry: Granite	5%			LIFE	**	5	\$7,500	A
Metal Panel	10%			2034	**	5-10	\$68,600	A
Windows								
Aluminum	20%			2040	**	5	\$2,500	A
Bronze/Brass	10%			2032	**	5	\$7,700	A
Wood	70%	Now	\$290,300	2049	**	5	\$43,000	A
<i>Thermally Inefficient, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Split/Cracked, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Alleyway And Throughout</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Dressing Rooms</i>								
Parapets								
Cast Stone/Terra Cotta	25%			LIFE	**	5-10	\$53,900	A
Masonry: Brick	40%	Now	\$43,700	LIFE	**	5	\$3,000	A
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Parapets Facing Alley</i>								
<i>Spalling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Facades Along Alley</i>								
Metal Panel	20%			2044	**	5	\$5,900	A
Metal Rail	5%	Now	\$1,800	2029	**	5	\$2,700	A
<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Over Fifth Floor</i>								
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Over Fifth Floor</i>								
Stucco Cement	10%			2037	**	5	\$2,000	A

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DEPARTMENT OF CULTURAL AFFAIRS - 126
BROOKLYN ACADEMY OF MUSIC
Asset # : 2377

Architecture	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Roof								
IRMA/Protected Membrane	40%			2032	**	10	\$44,400	A
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Over 4th Floor Offices</i>								
IRMA/Protected Membrane	45%	Now	\$500,000	2034	**			A
<i>Insul Deter/Miss, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Over Cafe And Stage</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Over Cafe And Stage</i>								
Modified Bitumen	10%			2032	**	10	\$11,100	A
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Over 4th Floor Offices</i>								
Skylight, Metal/Glass	3%	Now	\$96,500	2034	**			A
<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Over Stage</i>								
<i>Glazing Broken/Cracked, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Over Stage</i>								
Sloped Glazing	2%			LIFE	**	5	\$59,200	A
Interior								
Floors								
Carpet	25%			2023		3	\$76,200	C
Cast in Place Concrete	5%			LIFE	**	5	\$44,400	C
Ceramic Tile	5%			2033	**	5	\$10,200	C
Mosaic Tile	10%			2029	**	5	\$50,800	C
Marble Panels	5%			LIFE	**	5	\$15,200	C
Vinyl Tile	40%			2029	**	3	\$30,500	C
Wood	10%			2039	**	5	\$38,100	C
Interior Walls								
Fabric on Framing	20%			2025	**	5	\$23,500	C
Gypsum Board	5%			LIFE	**	5-10	\$19,900	C
Masonry: Brick	10%	Now	\$171,400	LIFE	**			C
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Boiler Room</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Boiler Room</i>								
Marble Panels	5%			LIFE	**	10	\$4,700	C
Plaster	20%			LIFE	**	5-10	\$39,900	C
Plaster	30%			LIFE	**	5-10	\$59,800	C
Wood	10%			LIFE	**	5	\$187,700	C

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

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DEPARTMENT OF CULTURAL AFFAIRS - 126
BROOKLYN ACADEMY OF MUSIC
Asset # : 2377

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Interior								
Ceilings								
AcousTileSusp.Lay-In	15%			2029	**	5	\$20,800	B
Exposed Concrete	10%			LIFE	**	5-10	\$17,300	B
Exposed Struc: Steel	10%			LIFE	**	10	\$27,700	B
Gypsum Board	10%			LIFE	**	5-10	\$47,600	B
Plaster	20%			LIFE	**	5-10	\$47,600	B
Plaster	35%			LIFE	**	5-10	\$83,200	B
Electrical								
Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2024	\$35,000	5	\$600	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : 2 - Main Service Switches Rated @ 3000 Amperes And 1600 Amperes</i>								
Transformers								
Dry Type	100%			2029	**	5	\$500	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : 300 Kva, 208/408/277 Volts</i>								
Switchgear / Switchboard								
Fused Disc Sw	50%			2024	\$26,700	5	\$300	B
Molded Case Bkrs	50%			2024	\$26,700	5	\$1,800	B
Raceway								
Conduit	40%			2024	\$24,700	1		B
Conduit	40%			2034	**	1		B
Conduit	20%			2044	**	1		B
Panelboards								
Fused Disc Sw	5%			2040	**	5	\$200	B
Molded Case Bkrs	50%			2023	\$27,300	5	\$1,800	B
Molded Case Bkrs	25%			2032	**	5	\$900	B
Molded Case Bkrs	20%			2040	**	5	\$700	B
Wiring								
Braided Cloth	30%	2-4	\$14,200	2049	**	1		B
<i>Insulation Aged, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Old Section Of The Building</i>								
Thermoplastic	30%			2024	\$14,200	1		B
Thermoplastic	20%			2034	**	1		B
Thermoplastic	20%			2044	**	1		B

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
BROOKLYN ACADEMY OF MUSIC
Asset # : 2377

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Motor Controllers								
Locally Mounted	80%			2022	\$73,100	5	\$700	B
Locally Mounted	10%			2029	**	5	\$100	B
Locally Mounted	10%	2-4	\$9,100	2044	**	5		B
<i>On Extended Life, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<hr/>								
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$3,900	B
<hr/>								
Lighting								
Interior Lighting								
Fluorescent	5%			2019	\$30,700	10	\$6,200	B
<i>T-12 Lamps, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Old Section Of The Building</i>								
Fluorescent	85%			2029	**	10	\$105,800	B
<i>T-8 Lamps, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
Incandescent	10%			2024	\$61,400	2	\$300	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Lighting Control Room</i>								
<i>Explanation : All Stage Incandescent Lights Controlled By The Dimming Lighting System</i>								
<hr/>								
Egress Lighting								
Emergency, Battery	40%			2029	**	10	\$13,100	B
Emergency, Battery	10%			2019	\$6,100	10	\$3,300	B
Exit, LED	40%			2052	**	1		B
Exit, Service	10%			2019	\$2,400	1		B
<hr/>								
Exterior Lighting								
HID	100%			2024	\$59,600	10	\$400	B
<hr/>								
Alarm								
Security System								
No Component	20%							D
Generic	80%			2024	\$394,400	1	\$39,800	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Inside And Outside</i>								
<i>Explanation : C C T V Surveillance Camera System</i>								
<hr/>								
Fire/Smoke Detection								
Generic	100%			2019	\$1,687,400	1-3	\$84,500	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : Alarm Bells, Strobe Lights, Smoke Detector</i>								

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

Heating

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Estimates are rounded to the nearest hundred dollars.

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

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DEPARTMENT OF CULTURAL AFFAIRS - 126
BROOKLYN ACADEMY OF MUSIC
Asset # : 2377

Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Natural Gas	40%			2034	**	1		B
Interruptible Gas/Dual Fuel	60%			2044	**	1		B
Conversion Equipment								
Furnace	40%			2029	**	1	\$26,900	B
			<i>Other Observation, Extent : Severe, Area Affected : 40%</i>					
			<i>Location : 1 In Basement, 4 On Roof</i>					
			<i>Explanation : 5 Units</i>					
Steam Boiler	60%	0-2	\$48,600	2029	**	1	\$72,700	B
			<i>On Extended Life, Extent : Severe, Area Affected : 30%</i>					
			<i>Location : Burner Of #3 Boiler</i>					
			<i>Other Observation, Extent : Severe, Area Affected : 60%</i>					
			<i>Location : Basement Boiler Room</i>					
			<i>Explanation : 3 Boilers - #3 Unit Is Very Old. 1 Heat Exchanger For Hot Water Devices</i>					
Distribution								
Hot Wtr Piping/Pump	10%			2032	**	4	\$1,000	B
Steam Piping/Pump	90%			2034	**	4	\$6,000	B
Terminal Devices								
Air Handler	40%			2029	**	1	\$33,600	B
Convactor/Radiator	20%			2029	**	1	\$8,800	B
No Component	40%							D
Air Conditioning								
Energy Source								
Electricity	100%			2032	**	1		B
Conversion Equipment								
Absorption Chiller/Direct Fire	25%			2029	**	1	\$36,800	B
			<i>R-22 Refrigerant, Extent : Light, Area Affected : 25%</i>					
			<i>Location : Penthouse</i>					
			<i>Other Observation, Extent : Light, Area Affected : 40%</i>					
			<i>Location : Penthouse</i>					
			<i>Explanation : 2 Units</i>					
Ext Pkg Unit - Cooling	40%			2029	**	2	\$3,400	B
			<i>R-22 Refrigerant, Extent : Light, Area Affected : 40%</i>					
			<i>Location : Roof</i>					
			<i>Other Observation, Extent : Light, Area Affected : 40%</i>					
			<i>Location : Roof</i>					
			<i>Explanation : 3 Units</i>					
Ext Pkg Unit - Heating/Cooling	25%			2024	\$274,500	2	\$2,100	B
			<i>R-22 Refrigerant, Extent : Light, Area Affected : 25%</i>					
			<i>Location : Roof</i>					
			<i>Other Observation, Extent : Light, Area Affected : 25%</i>					
			<i>Location : Roof</i>					
			<i>Explanation : 4 Package Units</i>					
Window/Wall Unit	10%			2019	\$34,200	1		B

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
BROOKLYN ACADEMY OF MUSIC
Asset # : 2377

Mechanical System Component Type	Current Repair		Future Replacement		Maintenance		Priority Code	
	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)		Estimated Cost
Air Conditioning								
Distribution								
Chilled Wtr Pipe/Pump	25%			2034	**	4	\$1,700	B
No Component	75%							D
Terminal Devices								
Air Handler/Cool/Ht	25%			2029	**	1	\$21,000	B
No Component	75%							D
Heat Rejection								
Air Condenser Unit	13%			2029	**	2	\$12,300	B
Air Condenser Unit	12%	0-2	\$39,900	2034	**	2	\$9,100	B
<i>Other Observation, Extent : Severe, Area Affected : 12%</i>								
<i>Location : Roof</i>								
<i>Explanation : On Extended Life</i>								
No Component	75%							D
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$119,800	B
Exhaust Fans								
Interior	30%			2024	\$48,400	2	\$1,300	B
Roof	70%			2029	**	2	\$2,900	B
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2034	**	1		B
Water Heater								
Electric	20%			2022	\$5,200	4	\$200	B
Gas Fired	80%			2022	\$31,000	2	\$1,600	B
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		B
Storm Drain Piping								
Cast Iron	100%			LIFE	**	1		B
Sump Pump(s)								
Rigid Piping	100%			2024	\$11,100	4	\$2,000	B
Sewage Ejector(s)								
Electric	100%			2024	\$11,100	4	\$2,000	B
Backflow Preventer								
No Component	70%							D
Generic	30%			2034	**	1	\$2,500	B
Fixtures								
Generic	100%							B
Vertical Transport								

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DEPARTMENT OF CULTURAL AFFAIRS - 126
BROOKLYN ACADEMY OF MUSIC
Asset # : 2377

Mechanical	Current Repair		Future Replacement		Maintenance		Priority Code	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)		Estimated Cost
Vertical Transport								
Elevators								
Geared Traction	75%			LIFE	* *			C
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : (2) 1-4 (1) B-5</i>							
	<i>Explanation : 3 Units</i>							
Hydraulic	25%			LIFE	* *			C
	<i>Other Observation, Extent : Light, Area Affected : 25%</i>							
	<i>Location : B-3</i>							
	<i>Explanation : 1 Unit</i>							
Escalators								
Over 20' Rise	100%			LIFE	* *			C
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Lobby To 2nd Floor</i>							
	<i>Explanation : 1 Unit</i>							
Fire Suppression								
Standpipe								
Generic	100%			2024	\$594,100	1-5	\$71,100	B
Sprinkler								
Generic	100%			2034	* *	1-2	\$38,100	B
Fire Pump								
Generic	100%			2027	* *	1	\$25,400	B
Chemical System								
No Component	97%							D
Generic	3%			2019	\$800	1-3	\$1,400	B

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

Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : **BROOKLYN ACADEMY OF MUSIC H. LICHTENSTEIN THEATRE**
 Address : **651 FULTON STREET @ROCKWELL PL.**
 Borough : **BROOKLYN** Agency's Number : **N/A**
 Program / Asset # : **DCA0015.010 / 3002** Yr Built/Renovated : **1900 / 1989**
 Area Sq Ft : **47,593** Project Type : **CULTURAL AFFAIRS**
 Date of Survey : **14-Nov-2012** Landmark Status : **NONE**
 Areas Surveyed : **Basement, Roof, Floors 1,2,3,4**
 Block : **2095** Lot : **45** BIN : **3345162**

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$848,200	\$212,100
Interior Architecture	\$35,100	
Electrical		\$338,200
Mechanical		\$591,500
Total	\$883,300	\$1,141,800
Priority A	\$848,200	\$212,100
Priority B	\$35,100	\$929,700
Total	\$883,300	\$1,141,800

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$2,400			
Interior Architecture	\$74,200		\$17,500	\$1,500
Electrical	\$15,400	\$1,100	\$1,600	\$1,500
Mechanical	\$29,000	\$5,100	\$7,000	\$4,400
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$125,000	\$10,200	\$30,000	\$11,300
Priority A	\$2,400			
Priority B	\$64,300	\$10,200	\$18,400	\$9,800
Priority C	\$58,300		\$11,700	\$1,500
Total	\$125,000	\$10,200	\$30,000	\$11,300



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DEPARTMENT OF CULTURAL AFFAIRS - 126
BROOKLYN ACADEMY OF MUSIC H. LICHTENSTEIN THEATRE

Asset # : 3002

Architecture	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	**	5	\$82,000	A
Masonry: Brick	90%	Now	\$631,200	LIFE	**	5	\$94,400	A
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : North Facade, East Facade</i>								
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : North Facade</i>								
<i>Resting Masonry Supt, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : East Facade</i>								
Wood	5%			2029	**	5	\$26,200	A
Windows								
Aluminum	100%			2040	**	5	\$800	A
Parapets								
Masonry: Brick	85%	Now	\$70,800	LIFE	**	5	\$5,300	A
<i>Diagonal Cracks, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : North Facade</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : North Facade</i>								
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : North Facade</i>								
Pre-Cast Concrete	5%			LIFE	**	5	\$3,900	A
Stucco Cement	10%			2029	**	5	\$1,600	A
Roof								
IRMA/Protected Membrane	20%	Now	\$6,600	2029	**			A
<i>Drains Inad/Misposn, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Over Corridor</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Over Corridor</i>								
IRMA/Protected Membrane	30%	Now	\$98,600	2034	**			A
<i>Insul Miss/Displaced, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Over Administrative Offices</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Over Administrative Offices, Rear Gallery</i>								
Modified Bitumen	20%			2029	**	10	\$7,100	A
Modified Bitumen	30%			2024		10	\$10,700	A
Interior								

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DEPARTMENT OF CULTURAL AFFAIRS - 126
BROOKLYN ACADEMY OF MUSIC H. LICHTENSTEIN THEATRE

Asset # : 3002

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
Floors								
Carpet	25%			2026	**	3	\$21,900	C
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : First Floor</i>								
Cast in Place Concrete	15%			LIFE	**	5	\$38,200	C
Ceramic Tile	5%			2033	**	5	\$2,900	C
Marble Panels	5%			LIFE	**	5	\$4,400	C
Quarry Tile	5%			2037	**	5	\$4,400	C
Terrazzo	10%			LIFE	**	5	\$9,100	C
Vinyl Tile	30%			2029	**	3	\$6,600	C
Wood	5%			2039	**	5	\$5,500	C
Interior Walls								
Gypsum Board	25%			LIFE	**	5-10	\$22,300	C
Masonry: Brick	25%			LIFE	**	10	\$3,900	C
Marble Panels	5%			LIFE	**	10	\$1,100	C
Plaster	45%			LIFE	**	5-10	\$20,100	C
Ceilings								
AcousTileSusp.Lay-In	20%			2037	**	5	\$11,700	B
Exposed Concrete	25%			LIFE	**	5-10	\$18,200	B
Plaster	55%			LIFE	**	5-10	\$55,100	B

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
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%			2024	\$28,600	5	\$200	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : Main Service Switch Rated At 4000 Amperes</i>								
Transformers								
Dry Type	100%			2022	\$58,100	5	\$100	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : 225 Kva, 480/277 Volts</i>								
Switchgear / Switchboard								
Fused Disc Sw	50%			2024	\$14,800	5	\$100	B
Fused Disc Sw	50%			2034	**	5	\$100	B
Raceway								
Conduit	20%			2034	**	1		B
Conduit	80%			2024	\$29,400	1		B
Panelboards								
Fused Disc Sw	10%			2032	**	5	\$100	B
Molded Case Bkrs	30%			2023	\$6,700	5	\$300	B
Molded Case Bkrs	55%			2032	**	5	\$600	B
Molded Case Bkrs	5%			2040	**	5	\$100	B

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DEPARTMENT OF CULTURAL AFFAIRS - 126
BROOKLYN ACADEMY OF MUSIC H. LICHTENSTEIN THEATRE

Asset # : 3002

Electrical	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Wiring								
Thermoplastic	70%			2024	\$19,100	1		B
Thermoplastic	20%			2034	* *	1		B
Thermoplastic	10%			2044	* *	1		B
Motor Controllers								
Locally Mounted	100%			2022	\$25,800	5	\$300	B
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	\$1,200	B
Lighting								
Interior Lighting								
Fluorescent	35%			2019	\$57,000	10	\$12,500	B
<i>T-12 Lamps, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
Fluorescent	15%			2029	* *	10	\$5,400	B
<i>T-8 Lamps, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Offices</i>								
Fluorescent	10%			2024	\$16,300	10	\$3,600	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : Compact Fluorescent Lamps</i>								
HID	20%			2024	\$32,300	10	\$300	B
Incandescent	10%			2019	\$16,300	2	\$100	B
Incandescent	10%			2024	\$16,300	2	\$100	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Lighting Control Room</i>								
<i>Explanation : All Stage Lighting Controlled By The Etc Sensort Dimming System</i>								
Egress Lighting								
Emergency, Battery	40%			2024	\$6,400	10	\$3,800	B
Emergency, Battery	10%			2019	\$1,600	10	\$900	B
Exit, Service	40%			2024	\$2,600	1		B
Exit, Service	10%			2019	\$600	1		B
Exterior Lighting								
HID	100%			2024	\$16,200	10	\$100	B
Alarm								
Security System								
No Component	70%							D
Generic	30%			2024	\$40,100	1	\$4,400	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Inside And Outside</i>								
<i>Explanation : C C T V Surveillance Camera System</i>								
Fire/Smoke Detection								
No Component	70%							D
Generic	30%			2024	\$137,200	1-3	\$7,400	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Hallways</i>								
<i>Explanation : Alarm Bells And Manual Pull Station</i>								

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DEPARTMENT OF CULTURAL AFFAIRS - 126
BROOKLYN ACADEMY OF MUSIC H. LICHTENSTEIN THEATRE
Asset # : 3002

Mechanical System Component Type	Current Repair		Future Replacement		Maintenance		Priority Code
	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	
Heating							
Energy Source							
Electricity	5%			2034	**	1	B
Natural Gas	95%			2034	**	1	B
Conversion Equipment							
Furnace	95%			2024	\$51,300	1	\$18,300 B
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>							
<i>Location : 6 Are On The Roof, 7 Are Inside The Building</i>							
<i>Explanation : 13 Units (6 Roof Top Package Units, 7 Internal Units)</i>							
Radiant Heater	5%			2024	\$9,700	2	\$900 B
Air Conditioning							
Energy Source							
Electricity	100%			2032	**	1	B
Conversion Equipment							
Ext Pkg Unit - Heating/Cooling	100%			2029	**	2	\$2,400 B
<i>R-22 Refrigerant, Extent : Light, Area Affected : 100%</i>							
<i>Location : Roof</i>							
<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
<i>Location : Roof</i>							
<i>Explanation : 6 Roof Top Units</i>							
Ventilation							
Distribution							
Ductwork/Diffusers	100%			LIFE	**	2-5	\$34,400 B
Exhaust Fans							
Roof	70%			2024	\$24,600	2	\$800 B
Roof	30%	Now	\$10,500	2034	**	2	\$300 B
<i>On Extended Life, Extent : Severe, Area Affected : 30%</i>							
<i>Location : 2 Units On Stage Roof</i>							
Plumbing							
H/C Water Piping							
Brass/Copper	100%			2034	**	1	B
Water Heater							
Gas Fired	100%			2019	\$10,300	2	\$600 B
Sanitary Piping							
Cast Iron	100%	Now	\$1,900	LIFE	**	1	B
<i>Blockage /Clogged, Extent : Moderate, Area Affected : 5%</i>							
<i>Location : Kitchen</i>							
Storm Drain Piping							
Cast Iron	100%			LIFE	**	1	B
Fixtures							
Generic	100%						B
Vertical Transport							

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DEPARTMENT OF CULTURAL AFFAIRS - 126
BROOKLYN ACADEMY OF MUSIC H. LICHTENSTEIN THEATRE

Asset # : 3002

Mechanical	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Vertical Transport Elevators Hydraulic	100%			LIFE	* *			C
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : 1-2</i>							
	<i>Explanation : 1 Unit</i>							
Fire Suppression Standpipe Generic	100%			2034	* *	1-5	\$19,700	B
Sprinkler Generic	100%			2024	\$515,700	1-2	\$10,900	B

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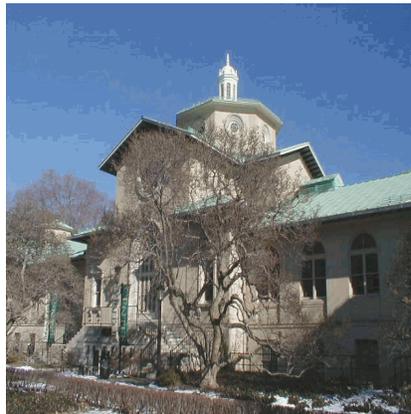
Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : **BROOKLYN BOTANIC GARDEN ADMINISTRATION BUILDING**
Address : **1000 WASHINGTON AVE.**
Borough : **BROOKLYN** **Agency's Number** : **N/A**
Program / Asset # : **DCA0012.000 / 2656** **Yr Built/Renovated** : **1915 / 1992**
Area Sq Ft : **33,800** **Project Type** : **CULTURAL AFFAIRS**
Date of Survey : **19-Apr-2010** **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2**
Block : **1183** **Lot** : **1** **BIN** : **3337842**

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$48,000	\$152,800
Interior Architecture		\$24,100
Electrical		\$170,600
Mechanical		\$732,700
Total	\$48,000	\$1,080,200
Priority A	\$48,000	\$152,800
Priority B		\$903,200
Priority C		\$24,100
Total	\$48,000	\$1,080,200

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture				
Interior Architecture	\$48,400		\$11,600	\$300
Electrical	\$400	\$12,300	\$300	\$300
Mechanical	\$15,700	\$7,800	\$16,800	\$7,800
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$68,300	\$24,100	\$32,700	\$12,400
Priority A				
Priority B	\$24,100	\$24,100	\$21,000	\$12,100
Priority C	\$44,200		\$11,600	\$300
Total	\$68,300	\$24,100	\$32,700	\$12,400



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DEPARTMENT OF CULTURAL AFFAIRS - 126
BROOKLYN BOTANIC GARDEN ADMINISTRATION BUILDING

Asset # : 2656

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Limestone	5%			LIFE	**	5	\$1,500	A
Stucco Cement	95%			2026	**	5	\$96,100	A
<i>Cracking/Crumbling, Extent : Light, Area Affected : 5%</i>								
<i>Location : South Facade</i>								
Windows								
Wood	100%			2029	**	5	\$17,700	A
Roof								
Copper/Terne	100%			2049	**	10	\$104,800	A
Interior								
Floors								
Carpet	42%			2020	\$125,600	3	\$32,000	C
Cast in Place Concrete	10%			LIFE	**	5	\$11,100	C
Ceramic Tile	3%			2030	**	5	\$1,500	C
Terrazzo	25%			LIFE	**	5	\$9,900	C
<i>Horizontal Cracks, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Stair, Lobby, Rm 308</i>								
Vinyl Tile	15%			2026	**	3	\$2,900	C
Vinyl Tile	5%	Now	\$12,100	2021	\$24,100	3	\$1,000	C
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Basement</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Basement</i>								
Interior Walls								
Ceramic Tile	3%			2030	**	5	\$1,600	C
Concrete Masonry Unit	10%			LIFE	**	5	\$2,200	C
Gypsum Board	15%			LIFE	**	5	\$4,900	C
Plaster	62%	Now	\$30,600	LIFE	**	5	\$10,100	C
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : West Entrance</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : West Entrance</i>								
Plaster	5%			LIFE	**	5	\$800	C
Wood	5%			LIFE	**	5	\$10,800	C

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

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
BROOKLYN BOTANIC GARDEN ADMINISTRATION BUILDING

Asset # : 2656

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
Ceilings								
AcousTileSusp.Lay-In	5%			2034	**	5	\$1,100	B
Exposed Concrete	5%	Now	\$2,000	LIFE	**	5	\$200	B
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Gas Meter Room</i>								
<i>Exposed Reinforcement, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Gas Meter Room</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Gas Meter Room</i>								
Gypsum Board	40%	Now	\$2,100	LIFE	**	5	\$10,500	B
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : West Entrance</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : West Entrance</i>								
Plaster	50%			LIFE	**	5	\$6,600	B

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
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%			2031	**	5	\$100	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : 1st Floor Electrical Room</i>								
<i>Explanation : One Electrical Service, Rated @1600 Amps</i>								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2031	**	5	\$700	B
Raceway								
Conduit	100%			2031	**	1		B
Panelboards								
Molded Case Bkrs	100%			2029	**	5	\$700	B
Wiring								
Thermoplastic	100%			2031	**	1		B
Motor Controllers								
Locally Mounted	100%			2026	**	5	\$200	B
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$400	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Water Main</i>								
<i>Explanation : Connected With Main Water Pipe</i>								

Lighting

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

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
BROOKLYN BOTANIC GARDEN ADMINISTRATION BUILDING

Asset # : 2656

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Lighting								
Interior Lighting Fluorescent	70%			2021	\$119,400	10	\$21,800	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Offices</i>								
<i>Explanation : T-12 Lamps</i>								
Incandescent	30%			2021	\$51,200	2	\$200	B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : 1st Floor, Corridors</i>								
<i>Explanation : Decorative Fixtures</i>								
Egress Lighting Exit, Service	50%			2021	\$2,800	1		B
Exit, Battery	50%			2021	\$14,000	10	\$1,100	B
Exterior Lighting HID	100%			2016	\$11,500	10	\$100	B
Alarm								
Security System No Component	90%							D
Generic	10%			2021	\$9,500	1	\$1,000	B
Fire/Smoke Detection No Component	90%							D
Generic	10%			2021	\$32,500	1-3	\$1,800	B
Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source Interruptible Gas/Dual Fuel	100%			2041	**	1		B
Conversion Equipment Steam Boiler	100%			2034	**	1	\$33,700	B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : 2 Steam Boilers And 2 Heat Exchangers - Providing Service For 3 Buildings</i>								
Distribution Hot Wtr Piping/Pump	80%			2029	**	4	\$1,300	B
Steam Piping/Pump	20%			2031	**	4	\$500	B
Terminal Devices Air Handler	30%			2021	\$62,300	1	\$6,300	B
Convactor/Radiator	70%			2026	**	1	\$7,700	B
Air Conditioning								
Energy Source Electricity	100%			2029	**	1		B
Conversion Equipment Reciprocating Compr/Chiller	100%			2029	**	1	\$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.*

DEPARTMENT OF CULTURAL AFFAIRS - 126
BROOKLYN BOTANIC GARDEN ADMINISTRATION BUILDING

Asset # : 2656

Mechanical	Current Repair		Future Replacement		Maintenance		Priority Code	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)		Estimated Cost
Air Conditioning								
Distribution								
Chilled Wtr Pipe/Pump	100%			2031	* *	4	\$2,500	B
Terminal Devices								
Air Handler/Cool/Ht	30%			2021	\$49,100	1	\$6,300	B
Fan Coil - Cool/Heat	70%			2021	\$510,600	1	\$7,700	B
Heat Rejection								
Water Cool Tower	100%			2019	\$110,600	2	\$34,200	B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Roof Of Palm House</i>								
<i>Explanation : On The Roof Of Adjacent Building</i>								
Ventilation								
Distribution								
Ductwork/Diffusers	30%			LIFE	* *	2-5	\$5,700	B
No Component	70%							D
Exhaust Fans								
Interior	30%			2021	\$4,500	2	\$300	B
No Component	70%							D
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2041	* *	1		B
Water Heater								
Gas Fired	100%			2020	\$9,000	2	\$500	B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : This Unit Also Services The Adjacent Buildings</i>								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		B
Sump Pump(s)								
Rigid Piping	100%			2021	\$10,300	4	\$1,300	B
Fixtures								
Generic	100%							B
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			C
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : C-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.

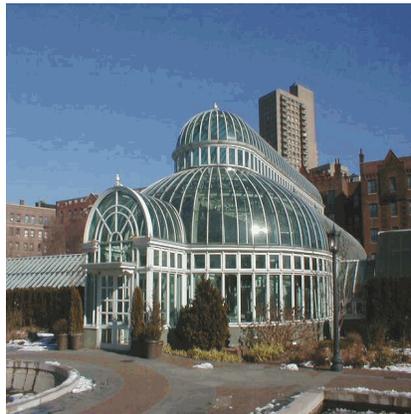
Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : **BROOKLYN BOTANIC GARDEN PALM HOUSE**
Address : **1000 WASHINGTON AVE.**
Borough : **BROOKLYN** **Agency's Number** : **N/A**
Program / Asset # : **DCA0012.020 / 2231** **Yr Built/Renovated** : **1916 /**
Area Sq Ft : **39,063** **Project Type** : **CULTURAL AFFAIRS**
Date of Survey : **19-Apr-2010** **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1**
Block : **1183** **Lot** : **1** **BIN** : **3378179**

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Exterior Architecture		\$476,200
Electrical		\$226,200
Mechanical		\$272,100
Total		\$974,500
Priority A		\$476,200
Priority B		\$498,300
Total		\$974,500

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$900	\$10,800		
Interior Architecture	\$3,700		\$11,400	
Electrical	\$400	\$22,900	\$400	\$400
Mechanical	\$6,300	\$19,300	\$10,400	\$7,700
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$15,300	\$57,000	\$26,100	\$12,000
Priority A	\$900	\$10,800		
Priority B	\$10,700	\$46,200	\$14,700	\$12,000
Priority C	\$3,700		\$11,400	
Total	\$15,300	\$57,000	\$26,100	\$12,000



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

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

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

**DEPARTMENT OF CULTURAL AFFAIRS - 126
BROOKLYN BOTANIC GARDEN PALM HOUSE**

Asset # : 2231

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	2%	Now	\$900	LIFE	**	5	\$600	A
<i>Diagonal Cracks, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Chimney</i>								
Metal/Glass Curt Wall	88%			LIFE	**	5	\$45,800	A
Stucco Cement	10%			2034	**	5	\$6,900	A
Windows								
Aluminum	100%			2037	**	5		A
Roof								
Modified Bitumen	25%			2026	**	10	\$10,800	A
Sloped Glazing	75%			LIFE	**	5	\$430,400	A
Interior								
Floors								
Carpet	45%			2020	\$126,600	3	\$32,300	C
Cast in Place Concrete	25%			LIFE	**	5	\$26,200	C
Ceramic Tile	5%	2-4	\$2,600	2030	**	5	\$1,200	C
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Men's Lockers</i>								
Quarry Tile	15%			2034	**	5	\$10,800	C
Vinyl Tile	10%			2026	**	3	\$1,800	C
Interior Walls								
Cast in Place Concrete	15%			LIFE	**			C
Ceramic Tile	3%			2030	**	5	\$2,100	C
Concrete Masonry Unit	30%			LIFE	**	5	\$8,400	C
Gypsum Board	52%			LIFE	**	5	\$21,700	C
Ceilings								
AcousTileSusp.Lay-In	50%			2034	**	5	\$23,900	B
Exposed Concrete	20%			LIFE	**	5	\$1,500	B
Metal Panel	5%			LIFE	**	5	\$3,000	B
No Component	25%							D
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location :</i>								
<i>Explanation : Sloped Glazing Roof-no Ceiling</i>								

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Transformers								
Dry Type	100%			2026	**	5	\$100	B
Raceway								
Conduit	100%			2031	**	1		B
Panelboards								
Molded Case Bkrs	100%			2029	**	5	\$900	B
Wiring								
Thermoplastic	100%			2031	**	1		B

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

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

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

**DEPARTMENT OF CULTURAL AFFAIRS - 126
BROOKLYN BOTANIC GARDEN PALM HOUSE**

Asset # : 2231

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Lighting								
Interior Lighting								
Fluorescent	60%			2021	\$113,200	10	\$17,600	B
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Using Both T-8 & T-12 Lamps</i>						
Incandescent	40%			2021	\$75,400	2	\$300	B
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Main Floor</i>						
		<i>Explanation : Flood Lamps In Simple Track Lighting Fixtures</i>						
Egress Lighting								
Emergency, Battery	25%			2016	\$3,300	10	\$1,900	B
Exit, Service	75%			2016	\$4,000	1		B
Exterior Lighting								
HID	100%			2016	\$13,300	10	\$100	B
Alarm								
Security System								
No Component	90%							D
Generic	10%			2021	\$11,000	1	\$1,200	B
Fire/Smoke Detection								
No Component	90%							D
Generic	10%			2021	\$37,500	1-3	\$2,000	B
Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
HTHW/HW	100%			2041	**	1		B
Conversion Equipment								
Heat Exchanger	100%			2030	**	1	\$15,800	B
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Boiler Room In Admin. Building</i>						
		<i>Explanation : From Administration Building</i>						
Distribution								
Hot Wtr Piping/Pump	100%			2029	**	4	\$1,600	B
Terminal Devices								
Air Handler	40%			2021	\$78,200	1	\$7,900	B
Convactor/Radiator	50%			2026	**	1	\$5,200	B
Fan Coil Unit/Heat	10%			2021	\$54,300	1	\$1,000	B
Air Conditioning								
Energy Source								
Electricity	100%			2029	**	1		B

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

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

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

**DEPARTMENT OF CULTURAL AFFAIRS - 126
BROOKLYN BOTANIC GARDEN PALM HOUSE**

Asset # : 2231

Mechanical	Current Repair		Future Replacement		Maintenance		Priority Code	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)		Estimated Cost
Air Conditioning								
Conversion Equipment								
Reciprocating Compr/Chiller	50%			2021	\$61,500	1	\$7,400	B
Window/Wall Unit	10%			2016	\$7,500	1		B
No Component	40%							D
Distribution								
Chilled Wtr Pipe/Pump	50%			2031	* *	4	\$1,200	B
No Component	50%							D
Terminal Devices								
Air Handler/Cool/Ht	40%			2021	\$37,000	1	\$7,900	B
Fan Coil - Cool/Heat	10%			2021	\$41,200	1	\$1,000	B
No Component	50%							D
Heat Rejection								
Air Condenser Unit	50%			2026	* *	2	\$11,100	B
No Component	50%							D
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$17,800	B
Exhaust Fans								
Interior	50%			2021	\$20,000	2	\$500	B
Roof	50%			2021	\$14,400	2	\$500	B
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2031	* *	1		B
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		B
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		B
Sump Pump(s)								
Rigid Piping	100%			2021	\$10,300	4	\$1,300	B
Fixtures								
Generic	100%							B
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			C
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : 1-2</i>								
<i>Explanation : One Unit</i>								
Fire Suppression								
Standpipe								
Generic	100%			2041	* *	1-5	\$16,100	B
Sprinkler								
No Component	60%							D
Generic	40%			2041	* *	1-2	\$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.

Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : BROOKLYN BOTANIC GARDEN SERVICE GARAGE
Address : 1000 WASHINGTON AVE.
Borough : BROOKLYN **Agency's Number** : N/A
Program / Asset # : DCA0012.030 / 2950 **Yr Built/Renovated** : 1999 /
Area Sq Ft : 4,756 **Project Type** : CULTURAL AFFAIRS
Date of Survey : 19-Apr-2010 **Landmark Status** : NONE
Areas Surveyed : Roof, Floors 1
Block : 1183 **Lot** : 1 **BIN** : 3337842

CAPITAL**Total**

Priority

Total

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture		\$8,300		
Interior Architecture				
Electrical		\$1,100	\$100	
Mechanical	\$300	\$300	\$600	\$300
Total	\$300	\$9,600	\$700	\$300
Priority A		\$8,300		
Priority B	\$300	\$1,300	\$700	\$300
Priority C				
Total	\$300	\$9,600	\$700	\$300



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

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
BROOKLYN BOTANIC GARDEN SERVICE GARAGE

Asset # : 2950

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Metal, Corrugated	60%			2041	**	1		A
Metal/Glass Curt Wall	25%			LIFE	**	5	\$11,400	A
Metal Coiling Doors	15%			2034	**	5	\$11,400	A
Roof								
Single Ply Membrane	100%			2026	**	10	\$8,300	A
Interior								
Floors								
Cast in Place Concrete	100%			LIFE	**	5	\$12,700	C
Interior Walls								
Gypsum Board	100%			LIFE	**	5	\$800	C
Ceilings								
Exposed Struc: Steel	95%			LIFE	**			B
Gypsum Board	5%			LIFE	**	5	\$400	B

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Raceway								
Conduit	100%			2041	**	1		B
Panelboards								
Molded Case Bkrs	100%			2037	**	5	\$100	B
Wiring								
Thermoplastic	100%			2041	**	1		B
Motor Controllers								
Locally Mounted	100%			2034	**	5		B
Lighting								
Interior Lighting								
HID	100%			2026	**	10	\$100	B
Egress Lighting								
Emergency, Battery	100%			2026	**	10	\$900	B

Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Natural Gas	100%			2041	**	1		B
Conversion Equipment								
Furnace	100%			2026	**	1	\$1,900	B
<i>Other Observation, Extent : Light, Area Affected : 100%</i> <i>Location : Throughout</i> <i>Explanation : 6 Units</i>								

Ventilation

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

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

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

**DEPARTMENT OF CULTURAL AFFAIRS - 126
BROOKLYN BOTANIC GARDEN SERVICE GARAGE**

Asset # : 2950

Mechanical	Current Repair		Future Replacement		Maintenance		Priority Code	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$2,200	B
Exhaust Fans								
Roof	100%			2026	* *	2	\$100	B
Plumbing								
H/C Water Piping								
Brass/Copper	20%			2047	* *	1		B
No Component	80%							D
Water Heater								
Electric	10%			2019	\$100	4		B
No Component	90%							D
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		B
Fire Suppression								
Sprinkler								
No Component	20%							D
Generic	80%			2047	* *	1-2	\$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.*

Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : **BROOKLYN BOTANIC GARDEN STEINHARDT CONSERVATORY**
 Address : **1000 WASHINGTON AVE.**
 Borough : **BROOKLYN** Agency's Number : **N/A**
 Program / Asset # : **DCA0012.010 / 2375** Yr Built/Renovated : **1988 /**
 Area Sq Ft : **57,143** Project Type : **CULTURAL AFFAIRS**
 Date of Survey : **19-Apr-2010** Landmark Status : **NONE**
 Areas Surveyed : **Basement, Roof, Floors 1**
 Block : **1183** Lot : **1** BIN : **3378179**

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$80,600	\$172,400
Electrical		\$232,800
Mechanical		\$170,900
Total	\$80,600	\$576,100
Priority A	\$80,600	\$172,400
Priority B		\$403,700
Total	\$80,600	\$576,100

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture			\$1,000	
Interior Architecture	\$1,800		\$57,600	
Electrical	\$4,800	\$32,100	\$3,300	\$3,300
Mechanical	\$16,600	\$23,300	\$11,300	\$12,700
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$27,100	\$59,400	\$77,200	\$19,900
Priority A			\$1,000	
Priority B	\$25,400	\$59,400	\$18,600	\$19,900
Priority C	\$1,800		\$57,600	
Total	\$27,100	\$59,400	\$77,200	\$19,900



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

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

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DEPARTMENT OF CULTURAL AFFAIRS - 126
BROOKLYN BOTANIC GARDEN STEINHARDT CONSERVATORY

Asset # : 2375

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Metal/Glass Curt Wall	73%			LIFE	**	5	\$70,400	A
Metal Coiling Doors	2%			2034	**	5	\$3,200	A
Stucco Cement	25%	Now	\$80,600	2034	**	5	\$16,100	A
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Loose/Delam Surface, Extent : Severe, Area Affected : 20%</i>								
<i>Location : At Base Of South Green House Along East, South And West Facades</i>								
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : East Facade</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : At The Base Of Both Greenhouses</i>								
Windows								
Aluminum	100%			2037	**	5	\$2,100	A
Roof								
Paver: Asphalt	10%			2030	**	10	\$12,700	A
Sloped Glazing	90%			LIFE	**	5	\$102,000	A
Interior								
Floors								
Carpet	5%			2017		3	\$5,200	C
<i>Worn/Eroded, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Cast in Place Concrete	20%			LIFE	**	5	\$30,600	C
Ceramic Tile	3%			2030	**	5	\$2,100	C
Panel/Paver: Cer/Brk	42%			2037	**	5	\$66,100	C
Slate	5%			LIFE	**	5	\$3,700	C
Vinyl Tile	25%			2026	**	3	\$6,600	C
Interior Walls								
Ceramic Tile	3%			2030	**	5	\$1,500	C
Concrete Masonry Unit	27%			LIFE	**	5	\$5,300	C
Gypsum Board	70%			LIFE	**	5	\$20,400	C
Ceilings								
AcousTileSusp.Lay-In	20%			2034	**	5	\$15,200	B
Exposed Concrete	30%			LIFE	**	5	\$3,600	B
Exposed Concrete	5%			LIFE	**	5	\$600	B
Gypsum Board	10%			LIFE	**	5	\$9,500	B
Metal Panel	5%			LIFE	**	5	\$4,800	B
No Component	30%							D
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location :</i>								
<i>Explanation : No Ceilings - Greenhouses</i>								

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
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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DEPARTMENT OF CULTURAL AFFAIRS - 126
BROOKLYN BOTANIC GARDEN STEINHARDT CONSERVATORY

Asset # : 2375

Electrical	Current Repair		Future Replacement		Maintenance		Priority Code	
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%			2031	**	5	\$200	B
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Electrical Room</i>							
	<i>Explanation : One Electrical Service, Rated @ 4000 Amps</i>							
Switchgear / Switchboard								
Molded Case Bkrs	100%			2031	**	5	\$1,200	B
Raceway								
Conduit	100%			2031	**	1		B
Panelboards								
Molded Case Bkrs	100%			2029	**	5	\$1,200	B
Wiring								
Thermoplastic	100%			2031	**	1		B
Motor Controllers								
Locally Mounted	100%			2026	**	5	\$300	B
Ground								
Grounding Devices								
Not Accessible	100%							D
Stand-by Power								
Transfer Switches								
Automatic	100%			2026	**	1	\$14,400	B
Generators								
Diesel	100%			2024	\$37,900	1	\$18,100	B
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Generator Room</i>							
	<i>Explanation : 100 Kw Diesel Genset</i>							
Batteries								
Lead/Acid	100%			2015	\$600	5	\$1,700	B
Fuel Storage								
Main Tank	100%			2036	**	5	\$1,400	B
Lighting								
Interior Lighting								
Fluorescent	30%			2021	\$58,700	10	\$12,900	B
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Basement</i>							
	<i>Explanation : T-12 Lamps</i>							
HID	50%			2021	\$97,100	10	\$800	B
Incandescent	20%			2021	\$39,100	2	\$200	B
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : 1st Floor</i>							
	<i>Explanation : Decorative Fixtures</i>							
Egress Lighting								
Exit, Service	100%			2016	\$7,700	1		B
Exterior Lighting								
HID	100%			2016	\$19,400	10	\$100	B

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DEPARTMENT OF CULTURAL AFFAIRS - 126
BROOKLYN BOTANIC GARDEN STEINHARDT CONSERVATORY

Asset # : 2375

Mechanical	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
HTHW/HW	100%			2041	**	1		B
Conversion Equipment								
Heat Exchanger	100%			2024	\$11,300	1	\$23,200	B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Boiler Room In Admin. Building</i>								
<i>Explanation : From Adjacent Building</i>								
Distribution								
Hot Wtr Piping/Pump	100%			2029	**	4	\$2,300	B
Terminal Devices								
Air Handler	30%			2021	\$85,800	1	\$8,700	B
Convactor/Radiator	40%			2026	**	1	\$6,100	B
Unit Heater-Stm/HW	30%			2026	**	4	\$1,300	B
Air Conditioning								
Energy Source								
Electricity	100%			2029	**	1		B
Conversion Equipment								
Reciprocating Compr/Chiller	25%			2021	\$45,000	1	\$5,400	B
Window/Wall Unit	10%			2016	\$10,900	1		B
No Component	65%							D
Distribution								
Chilled Wtr Pipe/Pump	25%			2031	**	4	\$900	B
No Component	75%							D
Terminal Devices								
Air Handler/Cool/Ht	25%			2021	\$19,700	1	\$7,200	B
No Component	75%							D
Heat Rejection								
Air Condenser Unit	25%			2021	\$9,300	2	\$8,100	B
No Component	75%							D
Ventilation								
Distribution								
Ductwork/Diffusers	25%			LIFE	**	2-5	\$6,500	B
No Component	75%							D
Exhaust Fans								
Wall Unit	50%			2021	\$40,100	2	\$700	B
No Component	50%							D
Plumbing								
H/C Water Piping								
Brass/Copper	100%	2-4	\$7,900	2031	**	1		B
<i>Corroded, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Water Main And Connecting Pipes</i>								
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		B

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DEPARTMENT OF CULTURAL AFFAIRS - 126
BROOKLYN BOTANIC GARDEN STEINHARDT CONSERVATORY

Asset # : 2375

Mechanical	Current Repair		Future Replacement		Maintenance		Priority Code	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)		Estimated Cost
Plumbing								
Pool Filter/Treatment Sand	100%			2026	* *	4	\$11,600	B
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Inside And Adjacent To Bldg</i>						
		<i>Explanation : For Pond Use</i>						
Fixtures								
Generic	100%							B
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			C
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : 1-2</i>						
		<i>Explanation : Two Freight Hoist</i>						
Fire Suppression								
Standpipe								
Generic	100%			2041	* *	1-5	\$23,600	B
Sprinkler								
No Component	60%							D
Generic	40%			2041	* *	1-2	\$5,300	B

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Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : **BROOKLYN CHILDREN'S MUSEUM**
Address : **145 BROOKLYN AVE @ST. MARKS AVE.**
Borough : **BROOKLYN** **Agency's Number** : **N/A**
Program / Asset # : **DCA0014.000 / 2601** **Yr Built/Renovated** : **1975 / 2008**
Area Sq Ft : **103,287** **Project Type** : **CULTURAL AFFAIRS**
Date of Survey : **11-Mar-2009** **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,1m.2**
Block : **1229** **Lot** : **1** **BIN** : **3031049**

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$334,300	\$204,100
Interior Architecture		\$99,800
Electrical	\$55,500	\$231,700
Mechanical	\$65,100	\$516,800
Total	\$454,900	\$1,052,400
Priority A	\$334,300	\$204,100
Priority B	\$120,600	\$748,500
Priority C		\$99,800
Total	\$454,900	\$1,052,400

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$58,200			\$4,500
Interior Architecture	\$33,600	\$26,100		\$19,400
Electrical	\$10,400	\$5,900	\$5,900	\$44,000
Mechanical	\$47,900	\$33,100	\$37,100	\$32,500
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$154,100	\$69,100	\$46,900	\$104,200
Priority A	\$58,200			\$4,500
Priority B	\$78,100	\$43,000	\$46,900	\$86,700
Priority C	\$17,800	\$26,100		\$13,000
Total	\$154,100	\$69,100	\$46,900	\$104,200



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DEPARTMENT OF CULTURAL AFFAIRS - 126
BROOKLYN CHILDREN'S MUSEUM
Asset # : 2601

Architecture	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Cast in Place Concrete	20%			LIFE	**	5	\$90,600	A
Metal Panel	10%			2050	**	5-10	\$62,300	A
Mosaic Tile	60%	Now	\$97,400	2046	**			A
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : EAST FACADE, NEW ADDITION</i>								
Window Wall	10%			2050	**	5	\$34,000	A
Windows								
Metal Louvers	3%			2035	**	10	\$1,300	A
Steel	10%			2028	**	5	\$9,000	A
No Component	87%							D
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location : Throughout</i>								
<i>Explanation : All Windows Are Fixed</i>								
Parapets								
Cast in Place Concrete	40%			LIFE	**	5	\$13,000	A
Glazed Ceramic Panel	52%			2050	**	5-10	\$17,300	A
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : New Addition</i>								
<i>Explanation : This Component Is Actually Mosaic Tiles.</i>								
Metal Panel	3%			2050	**	5	\$400	A
Stucco Cement	5%	Now	\$500	2033	**	5	\$200	A
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Whale Wall</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Whale Wall</i>								
Roof								
IRMA/Protected Membrane	25%	Now	\$236,900	2030	**			A
<i>Broken Paver Blocks, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Drains Inad/Misposn, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Over Mezzanine</i>								
<i>Paver Block Ballast, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Offices, Exhibit Area, And Service Tube Near Elevator</i>								
Panel/Paver: Cer/Brk	15%	Now	\$20,100	2030	**			A
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : At Stage</i>								
Quarry Tile	50%			LIFE	**			A
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : New Additon</i>								
<i>Explanation : This Component Is Actually Mosaic Tiles.</i>								
Single Ply Membrane	5%			2030	**	10	\$5,100	A
Sloped Glazing	5%			LIFE	**	5	\$68,200	A

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DEPARTMENT OF CULTURAL AFFAIRS - 126
BROOKLYN CHILDREN'S MUSEUM
Asset # : 2601

Architecture		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Interior								
Floors								
Carpet	28%			2019	\$208,200	3	\$53,100	C
Carpet	12%			2022	\$89,200	3	\$22,800	C
Cast in Place Concrete	5%			LIFE	**	5	\$13,800	C
Cast in Place Concrete	5%			LIFE	**	5	\$13,800	C
Ceramic Tile	5%			2033	**	5	\$6,300	C
Vinyl Tile	5%			2025	**	3	\$2,400	C
Vinyl Tile	25%			2030	**	3	\$15,800	C
Wood	5%			2048	**	5	\$11,900	C
Wood	10%			2060	**	5	\$23,700	C
Interior Walls								
Cast in Place Concrete	15%			LIFE	**			C
Ceramic Tile	3%			2035	**	5	\$3,900	C
Concrete Masonry Unit	5%			LIFE	**	5	\$2,600	C
Glass: Single Pane	2%			LIFE	**	5	\$2,000	C
Gypsum Board	10%			LIFE	**	5	\$7,900	C
Gypsum Board	50%			LIFE	**	5	\$39,400	C
Masonry: Brick	5%			LIFE	**			C
Wood	10%			LIFE	**	5	\$52,500	C
Ceilings								
AcousTileSusp.Lay-In	10%			2033	**	5	\$12,600	B
AcousTileSusp.Lay-In	25%			2040	**	5	\$31,600	B
Exposed Concrete	5%			LIFE	**	5	\$1,000	B
<i>Water Penetration, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Service Tube Near Elevator</i>								
Exposed Struc: Steel	25%			LIFE	**			B
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Offices, Exhibit Area</i>								
Exposed Struc: Steel	20%			LIFE	**			B
Exposed Struc: Wood	5%			LIFE	**			B
Gypsum Board	10%			LIFE	**	5	\$15,800	B

Electrical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts								
Service Equipment								
Fused Disc Sw	95%			2050	**	5	\$400	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : Recently Installed; Main Service Protector Rated @ 4000 Amperes.</i>								
Under Construction	5%							D
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location :</i>								
<i>Explanation : Photovoltaic System Is Under Construction</i>								

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DEPARTMENT OF CULTURAL AFFAIRS - 126
BROOKLYN CHILDREN'S MUSEUM
Asset # : 2601

Electrical	Current Repair		Future Replacement		Maintenance		Priority Code	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)		Estimated Cost
Under 600 Volts								
Switchgear / Switchboard								
Fused Disc Sw	50%			2020	\$24,700	5	\$200	B
Fused Disc Sw	50%			2050	**	5	\$200	B
<i>Recent Installation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
Raceway								
Conduit	50%			2050	**	1		B
<i>Recent Installation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
Conduit	50%			2030	**	1		B
Panelboards								
Fused Disc Sw	15%			2045	**	5	\$300	B
<i>Recent Installation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Mechanical Room</i>								
Molded Case Bkrs	40%			2045	**	5	\$900	B
<i>Recent Installation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
Molded Case Bkrs	45%			2028	**	5	\$1,000	B
Wiring								
Thermoplastic	50%			2030	**	1		B
Thermoplastic	50%			2050	**	1		B
<i>Recent Installation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
Motor Controllers								
Locally Mounted	50%			2040	**	5	\$300	B
<i>Recent Installation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Mechanical Room</i>								
Locally Mounted	50%			2018	\$55,500	5	\$300	B
Ground								
Grounding Devices								
Not Accessible	100%							D
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location : Basement</i>								
<i>Explanation : Connected To Metal Water Pipe ;point Of Contact Not Visible Covered With Insulation.</i>								
Stand-by Power								
Transfer Switches								
Automatic	100%			2037	**	1	\$26,100	B
Generators								
Diesel	100%			2033	**	1	\$32,700	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Outside The Building</i>								
<i>Explanation : 250kw Cummins Genset</i>								
Batteries								
Lead/Acid	100%			2015	\$600	5	\$3,100	B
Fuel Storage								
Main Tank	100%			2055	**	5	\$2,500	B

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DEPARTMENT OF CULTURAL AFFAIRS - 126
BROOKLYN CHILDREN'S MUSEUM
Asset # : 2601

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

Lighting

Interior Lighting								
Fluorescent	35%			2028	**	10	\$27,100	B
Fluorescent	48%			2020	\$169,800	10	\$37,200	B
HID	2%			2028	**	10	\$100	B
Incandescent	15%			2028	**	2	\$300	B
Egress Lighting								
Emergency, Battery	50%			2028	**	10	\$10,200	B
Exit, LED	50%			2055	**	1		B

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

Heating

Energy Source								
Electricity	20%			2030	**	1		B
Natural Gas	80%			2030	**	1		B
<i>Other Observation, Extent : Light, Area Affected : 20%</i>								
<i>Location : Underground Wells</i>								
<i>Explanation : Some (20%) Of The Energy Is Stored In A Geothermal System</i>								

Conversion Equipment

Furnace	20%			2020	\$23,400	1	\$8,400	B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : One Compressor Burnt Out</i>								
<i>Explanation : ELECTRIC PREHEAT COILS IN DUCTS</i>								
Heat Exchanger	20%			2033	**	1	\$8,400	B
<i>Other Observation, Extent : Light, Area Affected : 20%</i>								
<i>Location : Boiler Room</i>								
<i>Explanation : Geothermal Heat/cooling</i>								
Hot Water Boiler	60%	2-4	\$12,900	2025	**	1	\$22,600	B
<i>Corroded, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Tubes And Headers</i>								

Distribution

Hot Wtr Piping/Pump	100%			2036	**	4	\$6,300	B
Terminal Devices								
Air Handler	80%			2025	**	1	\$41,900	B
Convactor/Radiator	20%			2033	**	1	\$5,500	B

Air Conditioning

Energy Source								
Electricity	100%			2036	**	1		B
Conversion Equipment								
Reciprocating Compr/Chiller	100%	Now	\$65,100	2020	\$325,300	1	\$35,300	B
<i>Broken, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : One Compressor Burnt Out</i>								
Distribution								
Chilled Wtr Pipe/Pump	100%			2030	**	4	\$4,200	B

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DEPARTMENT OF CULTURAL AFFAIRS - 126
BROOKLYN CHILDREN'S MUSEUM
Asset # : 2601

Mechanical	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Air Conditioning								
Terminal Devices								
Air Handler/Cool/Ht	100%			2025	* *	1	\$52,300	B
Heat Rejection								
Air Condenser Unit	100%			2020	\$191,500	2	\$58,900	B
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$47,100	B
Exhaust Fans								
Interior	100%			2025	* *	2	\$2,600	B
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2025	* *	1		B
Water Heater								
Gas Fired	100%	0-2	\$22,300	2020	\$22,300	2	\$1,000	B
<i>Leak Evident, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Machinery Room</i>								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		B
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		B
Sump Pump(s)								
Rigid Piping	100%			2020	\$10,300	4	\$2,000	B
Pool Filter/Treatment								
Sand	100%			2033	* *	4	\$20,900	B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : One Compressor Burnt Out</i>								
<i>Explanation : Elaborate Water System For Interior Display</i>								
Sewage Ejector(s)								
Electric	100%			2025	* *	4	\$1,300	B
Backflow Preventer								
Generic	100%			2028	* *	1	\$5,200	B
Fixtures								
Generic	100%							B
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			C
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : 1-2</i>								
<i>Explanation : 1 Unit</i>								

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

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

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

Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : BROOKLYN MUSEUM MAIN WINGS C,D,E,F AND G
Address : 200 EASTERN PKWY. @ WASHINGTON AVE.
Borough : BROOKLYN **Agency's Number** : N/A
Program / Asset # : DCA0011.010 / 4119 **Yr Built/Renovated** : 1897 / 2004
Area Sq Ft : 237,036 **Project Type** : CULTURAL AFFAIRS
Date of Survey : 31-Mar-2009 **Landmark Status** : EXTERIOR LANDMARK
Areas Surveyed : Basement, Roof, Floors 1,4,6
Block : 1183 **Lot** : 26 **BIN** : 3029667

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$157,100	\$680,700
Interior Architecture	\$234,300	\$346,300
Electrical	\$956,200	\$235,900
Mechanical		\$1,026,200
Total	\$1,347,600	\$2,289,100
Priority A	\$157,100	\$680,700
Priority B	\$1,107,700	\$1,381,700
Priority C	\$82,800	\$226,800
Total	\$1,347,600	\$2,289,100

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$4,100	\$60,900	\$13,200	\$32,700
Interior Architecture	\$56,800			\$81,500
Electrical	\$33,000	\$6,200	\$8,600	\$10,500
Mechanical	\$22,300	\$38,000	\$37,400	\$29,000
Elevators/Escalators	\$11,800	\$11,800	\$11,800	\$11,800
Total	\$128,100	\$116,900	\$71,000	\$165,600
Priority A	\$4,100	\$60,900	\$13,200	\$32,700
Priority B	\$67,100	\$56,000	\$57,800	\$111,100
Priority C	\$56,800			\$21,800
Total	\$128,100	\$116,900	\$71,000	\$165,600



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

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

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

**DEPARTMENT OF CULTURAL AFFAIRS - 126
BROOKLYN MUSEUM MAIN WINGS C,D,E,F AND G**

Asset # : 4119

Architecture	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	5%	Now	\$2,900	LIFE	**	5	\$4,000	A
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
Masonry: Granite	5%			LIFE	**	5	\$3,000	A
Masonry: Limestone	55%			LIFE	**	5	\$32,900	A
Pre-Cast Concrete	15%			LIFE	**	5	\$38,900	A
Window Wall	20%			2046	**	5	\$59,800	A
Windows								
Aluminum	35%			2042	**	5	\$8,200	A
Metal Clad	45%			2028	**	5	\$65,500	A
Wood	20%	Now	\$157,100	2045	**	5	\$23,300	A
<i>Thermally Inefficient, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : West Facade</i>								
<i>Split/Cracked, Extent : Moderate, Area Affected : 35%</i>								
<i>Location : West Facade</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : West Facade</i>								
Parapets								
Masonry: Brick	25%			LIFE	**	5	\$1,000	A
Masonry: Limestone	55%			LIFE	**	5	\$2,900	A
Metal Rail	20%			2037	**	5-10	\$15,000	A
Roof								
IRMA/Protected Membrane	2%			2025	**	10	\$1,200	A
Metal Panel	3%			2033	**	10	\$3,400	A
Paver: Asphalt	40%			2023	\$274,300	10	\$37,200	A
Skylight, Metal/Glass	15%			2046	**	10	\$31,000	A
Sloped Glazing	25%			LIFE	**	5	\$206,400	A
Sloped Glazing	15%			LIFE	**	5	\$123,900	A

Interior

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

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

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

**DEPARTMENT OF CULTURAL AFFAIRS - 126
BROOKLYN MUSEUM MAIN WINGS C,D,E,F AND G**

Asset # : 4119

Architecture		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Interior								
Floors								
Carpet	10%	4+	\$3,700	2019	\$184,600	3	\$43,500	C
	<i>Staining/Discoloring, Extent : Light, Area Affected : 5%</i>							
	<i>Location : Throughout</i>							
Cast in Place Concrete	25%			LIFE	**	5	\$158,700	C
Ceramic Tile	5%			2029	**	5	\$14,500	C
Glass Block	5%			2060	**	1		C
	<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Throughout 2008</i>							
Marble Panels	5%			LIFE	**	5	\$10,900	C
Terrazzo	5%	Now	\$23,400	LIFE	**	5	\$11,300	C
	<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Throughout</i>							
Vinyl Tile	20%	Now	\$29,800	2025	**	3	\$21,800	C
	<i>Punct/Tear/Impact Damage, Extent : Light, Area Affected : 20%</i>							
	<i>Location : Throughout</i>							
Wood	25%	Now	\$82,800	2048	**	5	\$68,000	C
	<i>Dry Rot/Decay, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Throughout</i>							
Interior Walls								
Gypsum Board	25%			LIFE	**	5	\$14,000	C
Plaster	75%			LIFE	**	5	\$21,000	C
Ceilings								
AcousTileConcealSpLn	15%			2033	**	5	\$51,200	B
AcousTileSusp.Lay-In	25%			2033	**	5	\$68,300	B
Glass: Susp Panels	10%			LIFE	**			B
Gypsum Board	20%			LIFE	**	5	\$68,300	B
Plaster	30%	Now	\$151,500	LIFE	**	5	\$51,200	B
	<i>Water Penetration, Extent : Severe, Area Affected : 10%</i>							
	<i>Location : Building C, Main Stair Tower - South Side</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 Code
Under 600 Volts								
Transformers								
Dry Type	100%			2037	**	5	\$700	B
Switchgear / Switchboard								
Fused Disc Sw	30%			2046	**	5	\$300	B
Molded Case Bkrs	70%	2-4	\$44,900	2050	**	5	\$1,800	B
	<i>On Extended Life, Extent : Moderate, Area Affected : 70%</i>							
	<i>Location : Basement</i>							
Raceway								
Conduit	70%			2020	\$58,500	1		B
Conduit	30%			2046	**	1		B

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

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

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

**DEPARTMENT OF CULTURAL AFFAIRS - 126
BROOKLYN MUSEUM MAIN WINGS C,D,E,F AND G**

Asset # : 4119

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Panelboards								
Molded Case Bkrs	70%			2019	\$76,500	5	\$3,600	B
Molded Case Bkrs	30%			2042	**	5	\$1,500	B
Wiring								
Thermoplastic	30%			2046	**	1		B
Thermoplastic	50%			2030	**	1		B
Thermoplastic	20%			2020	\$13,100	1		B
Motor Controllers								
Locally Mounted	30%			2018	\$164,700	5	\$400	B
Motor Control Center	30%			2033	**	5	\$1,600	B
Motor Control Center	40%			2037	**	5	\$2,100	B
Stand-by Power								
Transfer Switches								
Automatic	50%			2033	**	1	\$29,900	B
Automatic	30%			2018	\$3,400	1	\$18,000	B
Automatic	20%			2037	**	1	\$12,000	B
Lighting								
Interior Lighting								
Fluorescent	10%			2020	\$87,800	10	\$17,800	B
				<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>				
				<i>Location : Basement And Some Offices</i>				
				<i>Explanation : Using T8 Lamps</i>				
Fluorescent	30%			2015	\$263,300	10	\$53,400	B
				<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>				
				<i>Location : 1,2,3,4,5,6 Floors</i>				
				<i>Explanation : Using T12 Some Offices</i>				
HID	4%			2015	\$34,800	10	\$300	B
HID	1%			2028	**	10	\$100	B
Incandescent	45%			2015	\$395,000	2	\$2,000	B
Incandescent	10%			2028	**	2	\$400	B
Egress Lighting								
Emergency, Service	10%			2028	**	1		B
Emergency, Service	37%			2015	\$12,800	1		B
Emergency, Battery	3%			2025	**	10	\$1,400	B
Exit, LED	5%			2055	**	1		B
Exit, Service	35%			2015	\$12,100	1		B
Exit, Service	10%			2020	\$3,500	1		B

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

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.

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**DEPARTMENT OF CULTURAL AFFAIRS - 126
BROOKLYN MUSEUM MAIN WINGS C,D,E,F AND G**

Asset # : 4119

Mechanical	Current Repair		Future Replacement		Maintenance		Priority Code	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)		Estimated Cost
Heating								
Distribution								
Steam Piping/Pump	100%			2030	**	4	\$9,600	B
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Heat Supply From Building H</i>								
<i>Explanation : Throughout</i>								
Terminal Devices								
Air Handler	50%			2020	\$641,300	1	\$60,100	B
Convactor/Radiator	50%			2025	**	1	\$31,400	B
Air Conditioning								
Distribution								
Chilled Wtr Pipe/Pump	100%			2040	**	4	\$14,400	B
Terminal Devices								
Air Handler/Cool/Ht	100%			2025	**	1	\$120,100	B
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$108,200	B
Exhaust Fans								
Interior	100%			2020	\$263,000	2	\$6,000	B
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2025	**	1		B
HW Heat Exchanger								
Low Temp	100%			2020	\$73,800	4	\$28,800	B
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		B
Storm Drain Piping								
Cast Iron	100%			LIFE	**	1		B
Sewage Ejector(s)								
Compressed Air	100%			2030	**	4	\$1,300	B
Backflow Preventer								
Generic	100%			2025	**	1	\$12,000	B
Fixtures								
Generic	100%							B
Vertical Transport								
Elevators								
Geared Traction	50%			LIFE	**			C
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : E Wing</i>								
<i>Explanation : 1 Unit E Wing, Not In Service</i>								
Hydraulic	50%			LIFE	**			C
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : B-2</i>								
<i>Explanation : 1 Unit C Wing</i>								

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

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
BROOKLYN MUSEUM WEST WINGS A & B
Asset # : 4120

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	30%			LIFE	**	5	\$22,900	A
Masonry: Limestone	65%			LIFE	**	5	\$37,200	A
Metal Panel	5%			2040	**	5-10	\$26,300	A
Windows								
Metal Clad	100%			2028	**	5	\$132,100	A
Parapets								
Masonry: Brick	40%			LIFE	**	5	\$1,600	A
Masonry: Limestone	50%			LIFE	**	5	\$2,500	A
Metal Rail	10%			2037	**	5-10	\$7,300	A
Roof								
IRMA/Protected Membrane	15%			2028	**	10	\$9,000	A
Metal Panel	10%			2037	**	10	\$11,000	A
Modified Bitumen	5%			2028	**	10	\$3,000	A
Sloped Glazing	70%	Now	\$120,900	LIFE	**	5	\$558,900	A
<i>Miss/Damaged Flashings, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
Interior								
Floors								
Carpet	25%			2019	\$155,100	3	\$36,600	C
Cast in Place Concrete	25%			LIFE	**	5	\$53,400	C
Ceramic Tile	5%			2029	**	5	\$4,900	C
Terrazzo	5%	0-2	\$7,900	LIFE	**	5	\$3,800	C
<i>Horizontal Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Vinyl Tile	20%			2025	**	3	\$7,300	C
Wood	20%			2048	**	5	\$36,600	C
Interior Walls								
Gypsum Board	35%			LIFE	**	5	\$26,600	C
Plaster	65%			LIFE	**	5	\$24,700	C
Ceilings								
AcousTileSusp.Lay-In	50%			2033	**	5	\$48,800	B
Gypsum Board	20%			LIFE	**	5	\$24,400	B
Plaster	30%			LIFE	**	5	\$18,300	B

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Switchgear / Switchboard								
Molded Case Bkrs	100%	2-4	\$32,100	2050	**	5	\$700	B
<i>On Extended Life, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Mech Room</i>								

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

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
BROOKLYN MUSEUM WEST WINGS A & B
Asset # : 4120

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Raceway								
Conduit	90%			2020	\$35,700	1		B
Conduit	10%			2040	* *	1		B
Panelboards								
Molded Case Bkrs	20%			2036	* *	5	\$300	B
Molded Case Bkrs	80%			2019	\$19,400	5	\$1,200	B
Wiring								
Thermoplastic	10%			2040	* *	1		B
Thermoplastic	90%			2020	\$26,500	1		B
Motor Controllers								
Locally Mounted	100%			2018	\$51,500	5	\$400	B
Stand-by Power								
Transfer Switches								
Automatic	100%			2018	\$8,800	1	\$17,200	B
Lighting								
Interior Lighting								
Fluorescent	10%			2020	\$25,200	10	\$5,100	B
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Basement</i>						
		<i>Explanation : Using T8 Lamps</i>						
Fluorescent	20%			2015	\$50,300	10	\$10,200	B
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Using T12 Lamps</i>						
HID	5%			2015	\$12,500	10	\$100	B
Incandescent	65%			2015	\$163,600	2	\$800	B
Egress Lighting								
Emergency, Service	50%			2015	\$5,000	1		B
Exit, Service	50%			2015	\$5,000	1		B

Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Distribution								
Steam Piping/Pump	100%			2040	* *	4	\$4,100	B
		<i>Other Observation, Extent : Severe, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Heat Supply From Building H</i>						
Terminal Devices								
Convactor/Radiator	20%			2033	* *	1	\$3,600	B
Fan Coil Unit/Heat	80%			2025	* *	1	\$14,400	B
Air Conditioning								
Distribution								
Chilled Wtr Pipe/Pump	100%			2030	* *	4	\$2,700	B

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

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
BROOKLYN MUSEUM WEST WINGS A & B
Asset # : 4120

Mechanical System Component Type	Current Repair		Future Replacement		Maintenance		Priority Code	
	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)		Estimated Cost
Air Conditioning								
Terminal Devices								
Air Handler/Cool/Ht	100%			2025	* *	1	\$34,400	B
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$31,000	B
Exhaust Fans								
Interior	100%			2025	* *	2	\$1,700	B
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2033	* *	1		B
HW Heat Exchanger								
Low Temp	100%			2020	\$21,200	4	\$8,300	B
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		B
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		B
Fixtures								
Generic	100%							B
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			C
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : B-5</i>								
<i>Explanation : 1 Unit B Wing</i>								

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

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

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

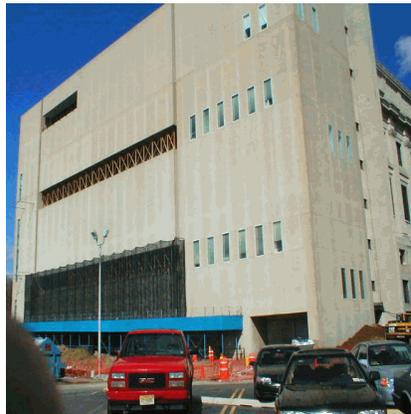
Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : **BROOKLYN MUSEUM WING H**
 Address : **200 EASTERN PKWY. @ WASHINGTON AVE.**
 Borough : **BROOKLYN** Agency's Number : **N/A**
 Program / Asset # : **DCA0011.030 / 4121** Yr Built/Renovated : **1985 /**
 Area Sq Ft : **85,834** Project Type : **CULTURAL AFFAIRS**
 Date of Survey : **31-Mar-2009** Landmark Status : **EXTERIOR LANDMARK**
 Areas Surveyed : **Basement, Roof, Floors 1,3,4,6**
 Block : **1183** Lot : **26** BIN : **3029667**

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$248,600	\$790,900
Interior Architecture		\$86,400
Electrical	\$238,400	\$27,800
Mechanical	\$102,900	\$342,500
Total	\$589,900	\$1,247,600
Priority A	\$248,600	\$790,900
Priority B	\$341,300	\$370,300
Priority C		\$86,400
Total	\$589,900	\$1,247,600

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture		\$7,600		\$20,600
Interior Architecture	\$16,100	\$14,900		\$7,500
Electrical	\$61,500	\$5,200	\$5,500	\$16,400
Mechanical	\$43,100	\$29,000	\$41,200	\$22,700
Elevators/Escalators	\$23,700	\$23,700	\$23,700	\$23,700
Total	\$144,400	\$80,500	\$70,400	\$90,900
Priority A		\$7,600		\$20,600
Priority B	\$128,300	\$57,900	\$70,400	\$70,300
Priority C	\$16,100	\$14,900		
Total	\$144,400	\$80,500	\$70,400	\$90,900



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DEPARTMENT OF CULTURAL AFFAIRS - 126
BROOKLYN MUSEUM WING H
Asset # : 4121

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Cast in Place Concrete	90%	0-2	\$205,700	LIFE	**	5	\$740,600	A
<i>Cracking/Crumbling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
<i>Expansion Jnt Failure, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
Stucco Cement	10%			2033	**	5	\$41,100	A
Windows								
Aluminum	100%			2036	**	5	\$15,200	A
Parapets								
Pre-Cast Concrete	100%			LIFE	**	5	\$50,300	A
Roof								
IRMA/Protected Membrane	100%			2028	**	10	\$42,900	A
Interior								
Floors								
Carpet	15%			2019	\$95,000	3	\$22,400	C
Cast in Place Concrete	10%			LIFE	**	5	\$21,800	C
Ceramic Tile	5%			2029	**	5	\$5,000	C
Terrazzo	10%	0-2	\$16,100	LIFE	**	5	\$7,800	C
<i>Horizontal Cracks, Extent : Light, Area Affected : 30%</i>								
<i>Location : Throughout Lobby</i>								
Vinyl Tile	60%			2025	**	3	\$22,400	C
Interior Walls								
Concrete Masonry Unit	10%			LIFE	**	5	\$9,600	C
Gypsum Board	30%			LIFE	**	5	\$43,200	C
Plaster	60%			LIFE	**	5	\$43,200	C
Ceilings								
AcousTileSusp.Lay-In	15%			2033	**	5	\$14,900	B
Exposed Concrete	10%			LIFE	**	5	\$1,600	B
Gypsum Board	25%			LIFE	**	5	\$31,100	B
Plaster	50%			LIFE	**	5	\$31,100	B

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
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	80%			2040	**	5	\$300	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : Two 2500 Amps, One 3000 Amps, One 4000 Amps Main Disconnect Switch</i>								
Fused Disc Sw	20%			2046	**	5	\$100	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : One 3000 Amps And 2500 Amps Main Disconnect Switch</i>								

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DEPARTMENT OF CULTURAL AFFAIRS - 126
BROOKLYN MUSEUM WING H
Asset # : 4121

Electrical	Current Repair		Future Replacement		Maintenance		Priority Code	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts								
Transformers								
Dry Type	100%			2033	**	5	\$300	B
Switchgear / Switchboard								
Fused Disc Sw	80%			2040	**	5	\$300	B
Fused Disc Sw	20%			2046	**	5	\$100	B
Raceway								
Conduit	70%			2020	\$27,800	1		B
Conduit	20%			2040	**	1		B
Conduit	10%			2046	**	1		B
Panelboards								
Fused Disc Sw	5%			2036	**	5	\$100	B
Molded Case Bkrs	20%			2042	**	5	\$400	B
Molded Case Bkrs	25%			2036	**	5	\$500	B
Molded Case Bkrs	50%			2019	\$15,200	5	\$900	B
Wiring								
Braided Cloth	20%			2028	**	1		B
		<i>Insulation Aged, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
Thermoplastic	20%			2046	**	1		B
Thermoplastic	60%			2030	**	1		B
Motor Controllers								
Locally Mounted	10%			2018	\$8,600	5		B
Motor Control Center	60%			2025	**	5	\$1,200	B
Motor Control Center	30%			2037	**	5	\$600	B
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$1,000	B
Stand-by Power								
Transfer Switches								
Automatic	30%			2037	**	1	\$6,500	B
Automatic	50%			2025	**	1	\$10,800	B
Automatic	20%			2018	\$1,800	1	\$4,300	B
Generators								
Diesel	100%			2029	**	1	\$27,200	B
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Outside (temporary)</i>						
		<i>Explanation : One 750 Kw</i>						
Batteries								
Lead/Acid	100%			2015	\$700	5	\$2,600	B
Fuel Storage								
Main Tank	100%			2048	**	5	\$2,100	B
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Basement</i>						
		<i>Explanation : One 1500 Gals.</i>						

Lighting

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DEPARTMENT OF CULTURAL AFFAIRS - 126
BROOKLYN MUSEUM WING H
Asset # : 4121

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Lighting								
Interior Lighting								
Fluorescent	10%			2025	**	10	\$6,400	B
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Basement And Some Offices</i>							
	<i>Explanation : Using T8 Lamps</i>							
Fluorescent	35%			2015	\$111,200	10	\$22,500	B
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : 1,2,3,4,5 And 6 Floors</i>							
	<i>Explanation : Using T12 Lamps</i>							
HID	5%			2015	\$15,800	10	\$100	B
Incandescent	40%			2015	\$127,100	2	\$600	B
Incandescent	10%			2025	**	2	\$200	B
Egress Lighting								
Emergency, Service	10%			2025	**	1		B
Emergency, Service	40%			2015	\$5,000	1		B
Exit, Service	30%			2015	\$3,800	1		B
Exit, Service	20%			2025	**	1		B

Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2040	**	1		B
Conversion Equipment								
Steam Boiler	100%			2033	**	1	\$69,600	B
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Boiler Room</i>							
	<i>Explanation : 3 Units (2 Lg, 1 Sm)</i>							
Distribution								
Steam Piping/Pump	100%			2040	**	4	\$5,200	B
Terminal Devices								
Convactor/Radiator	20%			2033	**	1	\$4,600	B
Fan Coil Unit/Heat	80%			2025	**	1	\$18,200	B
Air Conditioning								
Energy Source								
Steam/HW System	100%			2040	**	1		B
Conversion Equipment								
Centrifugal, Compressor Turbine	100%			2029	**	1	\$76,100	B
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Mechanical Room</i>							
	<i>Explanation : 2 More Chillers Added (4 Total)</i>							
Distribution								
Chilled Wtr Pipe/Pump	100%			2040	**	4	\$5,200	B

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DEPARTMENT OF CULTURAL AFFAIRS - 126
BROOKLYN MUSEUM WING H
Asset # : 4121

Mechanical System Component Type	Current Repair		Future Replacement		Maintenance		Priority Code	
	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)		Estimated Cost
Air Conditioning								
Terminal Devices								
Air Handler/Cool/Ht	100%			2025	* *	1	\$43,500	B
Heat Rejection								
Water Cool Tower	100%			2021	\$247,300	2	\$70,700	B
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$39,200	B
Exhaust Fans								
Interior	100%			2020	\$95,200	2	\$2,200	B
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%	Now	\$102,900	2033	* *	1		B
<i>Leak Evident, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Wooden Water Tank</i>								
HW Heat Exchanger								
Low Temp	100%			2020	\$26,700	4	\$10,400	B
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		B
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		B
Sump Pump(s)								
Submersible	100%			2015	\$6,700	4	\$2,000	B
Sewage Ejector(s)								
Compressed Air	100%			2050	* *	4	\$1,300	B
Backflow Preventer								
Generic	100%			2020	\$8,400	1	\$4,300	B
Fixtures								
Generic	100%							B
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			C
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : H Wing</i>								
<i>Explanation : 4 Units (2 Passenger, 1 Staff, 1 Freight)</i>								

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Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : CARNEGIE HALL
Address : 881 7TH AVE @W. 57 STREET
Borough : MANHATTAN **Agency's Number** : N/A
Program / Asset # : DCA0027.000 / 2399 **Yr Built/Renovated** : 1891 / 2013
Area Sq Ft : 298,000 **Project Type** : CULTURAL AFFAIRS
Date of Survey : 09-Mar-2009 **Landmark Status** : INTERIOR & EXTERIOR LANDMARK
Areas Surveyed : Basement, Roof, Floors 1,3,5,9,12,15,ph
Block : 1009 **Lot** : 1 **BIN** : 1023449

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$151,200	\$521,200
Interior Architecture	\$77,600	\$493,500
Electrical	\$54,400	\$1,349,400
Mechanical	\$949,000	\$2,338,900
Total	\$1,232,100	\$4,703,000
Priority A	\$151,200	\$521,200
Priority B	\$1,039,900	\$3,918,700
Priority C	\$41,100	\$263,100
Total	\$1,232,100	\$4,703,000

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$27,000		\$9,100	\$34,700
Interior Architecture	\$9,100	\$59,300		\$9,100
Electrical	\$65,200	\$1,000	\$3,000	\$24,000
Mechanical	\$59,600	\$74,200	\$66,700	\$92,800
Elevators/Escalators	\$154,800	\$154,800	\$154,800	\$154,800
Total	\$315,600	\$289,300	\$233,500	\$315,400
Priority A	\$27,000		\$9,100	\$34,700
Priority B	\$279,500	\$230,000	\$224,500	\$271,600
Priority C	\$9,100	\$59,300		\$9,100
Total	\$315,600	\$289,300	\$233,500	\$315,400



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DEPARTMENT OF CULTURAL AFFAIRS - 126
CARNEGIE HALL
Asset # : 2399

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	10%			LIFE	**	5	\$155,900	A
Masonry: Brick	25%			LIFE	**	5	\$49,900	A
Masonry: Brick	63%			LIFE	**	5	\$125,800	A
Masonry: Granite	2%			LIFE	**	5	\$3,000	A
Windows								
Wood	70%			2036	**	5	\$211,700	A
Wood	30%			2028	**	5	\$90,700	A
Parapets								
Cast Stone/Terra Cotta	60%			LIFE	**	5	\$38,400	A
Metal Cornice	30%			2035	**	10	\$8,000	A
Metal Rail	10%			2037	**	5-10	\$14,900	A
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : 12th And 15th Floor Parapets</i>								
Roof								
Built-Up (BUR)	30%			2025	**	10	\$19,000	A
Modified Bitumen	55%			2028	**	10	\$34,700	A
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : 12th And 15th Floor Roofs</i>								
Skylight, Metal/Glass	15%			2040	**	10	\$31,600	A
Interior								
Floors								
Carpet	20%			2019			\$109,500	C
Carpet	5%			2021			\$36,500	C
Cast in Place Concrete	5%			LIFE	**	5	\$39,900	C
Ceramic Tile	3%			2029	**	5	\$10,900	C
Terrazzo	5%			LIFE	**	5	\$14,300	C
Vinyl Tile	20%			2028	**	3	\$27,400	C
Vinyl Tile	30%			2025	**	3	\$41,100	C
Wood	12%			2048	**	5	\$82,100	C
Interior Walls								
Cast in Place Concrete	5%			LIFE	**			C
Concrete Masonry Unit	3%			LIFE	**	5	\$4,500	C
Gypsum Board	15%			LIFE	**	5	\$33,400	C
Plaster	55%			LIFE	**	5	\$61,300	C
Plaster	15%			LIFE	**	5	\$16,700	C
Wood	7%			LIFE	**	5	\$104,100	C
Ceilings								
AcousTileSusp.Lay-In	20%			2033	**	5	\$73,000	B
Exposed Concrete	5%			LIFE	**	5	\$2,900	B
Gypsum Board	10%			LIFE	**	5	\$45,600	B
Plaster	20%			LIFE	**	5	\$45,600	B
Plaster	45%			LIFE	**	5	\$102,700	B

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DEPARTMENT OF CULTURAL AFFAIRS - 126
CARNEGIE HALL
Asset # : 2399

Electrical	Current Repair			Future Replacement		Maintenance		Priority Code
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%			2046	**	5	\$500	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : 57th Street Side Electrical Room</i>								
<i>Explanation : Main Service Protector Rated @ 4000 Amperes</i>								
Fused Disc Sw	50%			2020	\$35,000	5	\$500	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : 56th Street Side Electrical Room</i>								
<i>Explanation : Main Service Protector Rated @ 5000 Amperes.</i>								
Transformers								
Dry Type	100%			2033	**	5	\$900	B
Switchgear / Switchboard								
Fused Disc Sw	50%			2046	**	5	\$500	B
<i>Recent Installation, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Basement</i>								
Fused Disc Sw	50%			2020	\$64,100	5	\$500	B
Raceway								
Conduit	70%			2020	\$117,100	1		B
Conduit	30%			2046	**	1		B
Panelboards								
Fused Disc Sw	20%			2028	**	5	\$1,100	B
Molded Case Bkrs	50%			2019	\$54,700	5	\$3,200	B
Molded Case Bkrs	30%			2042	**	5	\$1,900	B
Wiring								
Braided Cloth	10%	0-2	\$13,100	2045	**	1		B
<i>Insulation Aged, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Upper Floors</i>								
Thermoplastic	30%			2046	**	1		B
Thermoplastic	60%			2030	**	1		B
Motor Controllers								
Locally Mounted	40%			2025	**	5	\$700	B
Motor Control Center	60%			2037	**	5	\$4,000	B
Ground								
Grounding Devices								
Not Accessible	100%							D
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location :</i>								
<i>Explanation : Connected To Metal Water Pipe. Point Of Contact Not Visible; Covered With Insulation</i>								
Lighting								

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DEPARTMENT OF CULTURAL AFFAIRS - 126
CARNEGIE HALL
Asset # : 2399

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Lighting								
Interior Lighting								
Fluorescent	48%			2020	\$529,700	10	\$107,300	B
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Corridors And Offices</i>						
		<i>Explanation : T-12 And Cfl Lamps</i>						
Fluorescent	10%			2028	**	10	\$22,400	B
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Basement</i>						
		<i>Explanation : T-8 Lamps</i>						
HID	2%			2028	**	10	\$200	B
Incandescent	40%			2020	\$441,400	2	\$2,200	B
Egress Lighting								
Emergency, Battery	50%			2015	\$54,400	10	\$29,400	B
Exit, Service	50%			2015	\$21,800	1		B

Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Utility Steam	100%			2040	**	1		B
Conversion Equipment								
Heat Exchanger	15%			2029	**	1	\$18,100	B
Pres. Reducing Valve/LP Steam	85%			2029	**	5	\$12,300	B
Distribution								
Hot Wtr Piping/Pump	15%			2036	**	4	\$2,700	B
Steam Piping/Pump	85%			2030	**	4	\$10,200	B
Terminal Devices								
Air Handler	60%			2020	\$967,600	1	\$90,600	B
Convactor/Radiator	20%			2033	**	1	\$15,800	B
Fan Coil Unit/Heat	20%			2025	**	1	\$15,800	B
Air Conditioning								
Energy Source								
Electricity	100%			2036	**	1		B
Conversion Equipment								
Centrifugal, Elec Chiller	60%			2023	\$483,800	1	\$158,500	B
Int Pkg Unit - Cooling	20%			2018	\$770,300	2	\$3,000	B
Ext Pkg Unit - Cooling	20%			2025	**	2	\$3,000	B
Distribution								
Chilled Wtr Pipe/Pump	60%			2030	**	4	\$7,200	B
No Component	40%							D
Terminal Devices								
Air Handler/Cool/Ht	60%			2025	**	1	\$90,600	B
No Component	40%							D

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DEPARTMENT OF CULTURAL AFFAIRS - 126
CARNEGIE HALL
Asset # : 2399

Mechanical	Current Repair		Future Replacement		Maintenance		Priority Code	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Air Conditioning								
Heat Rejection								
Air Condenser Unit	20%			2025	**	2	\$34,000	B
Water Cool Tower	60%			2024	\$515,100	2	\$147,200	B
No Component	20%							D
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$136,000	B
Exhaust Fans								
Interior	80%			2020	\$264,500	2	\$6,000	B
Roof	20%			2020	\$47,600	2	\$1,500	B
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%	Now	\$178,700	2025	**	1		B
<i>Other Observation, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Roof</i>								
<i>Explanation : Water Towers Need Replacement</i>								
Water Heater								
Electric	25%			2015	\$11,600	4	\$500	B
No Component	75%							D
HW Heat Exchanger								
Low Temp	100%			2030	**	4	\$24,200	B
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		B
Storm Drain Piping								
Cast Iron	100%			LIFE	**	1		B
Sump Pump(s)								
Rigid Piping	100%			2020	\$11,100	4	\$2,000	B
Sewage Ejector(s)								
Electric	100%			2020	\$11,100	4	\$2,000	B
Backflow Preventer								
Generic	100%			2020	\$29,000	1	\$15,100	B
Fixtures								
Generic	100%							B
Vertical Transport								
Elevators								
Geared Traction								
	50%			LIFE	**			C
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Various</i>								
<i>Explanation : 6 Units</i>								
Hydraulic								
	50%			LIFE	**			C
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Various</i>								
<i>Explanation : 4 Units</i>								

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DEPARTMENT OF CULTURAL AFFAIRS - 126
CARNEGIE HALL
Asset # : 2399

Mechanical	Current Repair		Future Replacement		Maintenance		Priority Code	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Vertical Transport Escalators Over 20' Rise	100%			LIFE	**			C
<i>Other Observation, Extent : Light, Area Affected : 100%</i> <i>Location : Main Bldg</i> <i>Explanation : 2 Units</i>								

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

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

Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : EL MUSEO DEL BARRIO HECKSCHER BUILDING TENANT
Address : 1230 FIFTH AVENUE @E. 104 STREET
Borough : MANHATTAN **Agency's Number** : N/A
Program / Asset # : DCA0033.000 / 3009 **Yr Built/Renovated** : 1921 / 2001
Area Sq Ft : 30,500 **Project Type** : CULTURAL AFFAIRS
Date of Survey : 02-Jun-2010 **Landmark Status** : INTERIOR LANDMARK
Areas Surveyed : Basement, Roof, Floors 1,3
Block : 1610 **Lot** : 1 **BIN** : 1051499

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$170,000	\$253,300
Electrical		\$68,100
Mechanical		\$147,800
Total	\$170,000	\$469,300
Priority A	\$170,000	\$253,300
Priority B		\$216,000
Total	\$170,000	\$469,300

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$35,900	\$100	\$2,100	\$300
Interior Architecture	\$69,400	\$5,700	\$500	\$3,200
Electrical	\$6,800	\$2,000	\$2,500	\$2,200
Mechanical	\$10,900	\$43,100	\$13,100	\$9,600
Elevators/Escalators	\$23,700	\$23,700	\$23,700	\$23,700
Total	\$146,600	\$74,500	\$41,800	\$38,900
Priority A	\$35,900	\$100	\$2,100	\$300
Priority B	\$50,500	\$68,700	\$39,300	\$35,400
Priority C	\$60,300	\$5,700	\$500	\$3,200
Total	\$146,600	\$74,500	\$41,800	\$38,900



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

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
EL MUSEO DEL BARRIO HECKSCHER BUILDING TENANT

Asset # : 3009

Architecture	Current Repair		Future Replacement		Maintenance		Priority Code	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)		Estimated Cost
Exterior								
Exterior Walls								
Masonry: Brick	35%			LIFE	**	5	\$79,300	A
<i>Other Observation, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Museo Occupies Space On 1st And 3rd Floors And Limited Part Of Basement</i>								
<i>Explanation : Area Sq. Ft. Listed Above Is For Museo Space Only (15% Of Bldg.) Entire Bldg. Is 203,458 Sq. Ft.</i>								
Masonry: Limestone	40%			LIFE	**	5	\$67,900	A
<i>Recent Repair Evident, Extent : Light, Area Affected : 25%</i>								
<i>Location : Courtyard, First Floor</i>								
Window Wall	25%			2047	**	5	\$212,300	A
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Main Entrance, Courtyard</i>								
Windows								
Aluminum	20%			2043	**	5	\$500	A
<i>Recent Installation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Cafe Space On First Floor</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Cafe Space On First Floor</i>								
<i>Explanation : Fixed Windows</i>								
Metal Clad	10%	Now	\$17,300	2046	**	5	\$800	A
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Theater</i>								
<i>Thermally Inefficient, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Theater</i>								
Wood	70%	Now	\$63,900	2046	**	5	\$9,500	A
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout Exterior</i>								
<i>Thermally Inefficient, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Caulking Deteriorated, Extent : Severe, Area Affected : 35%</i>								
<i>Location : Throughout</i>								
<i>Split/Cracked, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
Parapets								
Masonry: Brick	60%			LIFE	**	5	\$300	A
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Theater</i>								
<i>Explanation : Parapets At Theater Which Is Part Of The Museo</i>								
Metal Panel	5%			2041	**	5	\$100	A
Metal: Cage/Fence	30%			2034	**	5-10	\$1,200	A
Pre-Cast Concrete	5%			LIFE	**	5	\$200	A

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

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
EL MUSEO DEL BARRIO HECKSCHER BUILDING TENANT

Asset # : 3009

Architecture	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Roof								
Modified Bitumen	95%	Now	\$18,600	2029	**			A
<i>Drains Inad/Misposn, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Over Dressing Room Areas</i>								
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Over Theater</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Over Dressing Room Areas</i>								
Skylight, Metal/Glass	5%			2047	**	10	\$2,100	A
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Over Theater</i>								
Interior								
Floors								
Carpet	25%	Now	\$38,900	2023	\$38,900	3	\$9,200	C
<i>Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Theater</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Theater</i>								
<i>Wrinkling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Theater</i>								
Cast in Place Concrete	5%	Now	\$4,000	LIFE	**	5	\$2,700	C
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Throughout Basement, Dressing Areas In Theater</i>								
<i>Uneven Surface, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout Basement, Dressing Areas In Theater</i>								
<i>Other Observation, Extent : Severe, Area Affected : 5%</i>								
<i>Location : Basement Mechanical Room</i>								
<i>Explanation : Improper Steel Plates Covering Pipe Trench</i>								
Terrazzo	25%			LIFE	**	5	\$4,800	C
Vinyl Tile	5%	Now	\$12,600	2031	**	3	\$500	C
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Back Stage Area In Theater</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Back Stage Area In Theater</i>								
Vinyl Tile	15%			2026	**	3	\$1,400	C
Wood	25%			2056	**	5	\$11,500	C
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Galleries</i>								

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

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
EL MUSEO DEL BARRIO HECKSCHER BUILDING TENANT

Asset # : 3009

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Interior								
Interior Walls								
Concrete Masonry Unit	5%			LIFE	**	5	\$500	C
Gypsum Board	63%			LIFE	**	5	\$9,200	C
<i>Recent Installation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Galleries</i>								
Masonry: Limestone	2%			LIFE	**			C
Plaster	5%	Now	\$4,800	LIFE	**	5	\$400	C
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Dressing Areas In Theater</i>								
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Dressing Areas In Theater</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Dressing Areas In Theater</i>								
Plaster	10%			LIFE	**	5	\$700	C
Plaster	15%			LIFE	**	5	\$1,100	C
Ceilings								
AcousTileSusp.Lay-In	15%			2034	**	5	\$3,800	B
Exposed Concrete	5%	Now	\$5,200	LIFE	**	5	\$200	B
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Dressing Room Areas In Theater</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Dressing Room Areas In Theater</i>								
Exposed Concrete	35%			LIFE	**	5	\$1,400	B
Metal Panel	20%			LIFE	**	5	\$6,300	B
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Lobby And Cafe</i>								
Plaster	15%	Now	\$3,900	LIFE	**	5	\$2,400	B
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Theater</i>								
<i>Loose/Delam Surface, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Theater</i>								
Wood	10%			LIFE	**	5	\$21,900	B

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2047	**	5	\$100	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room In Basement</i>								
<i>Explanation : One 2500 Amps Main Disconnect Switch</i>								
Switchgear / Switchboard								
Fused Disc Sw	100%			2047	**	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.

DEPARTMENT OF CULTURAL AFFAIRS - 126
EL MUSEO DEL BARRIO HECKSCHER BUILDING TENANT

Asset # : 3009

Electrical	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Raceway								
Conduit	30%			2047	**	1		B
Conduit	70%			2021	\$16,300	1		B
Panelboards								
Fused Disc Sw	5%			2043	**	5		B
Molded Case Bkrs	15%			2020	\$2,700	5	\$100	B
<i>On Extended Life, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Molded Case Bkrs	80%			2043	**	5	\$500	B
Wiring								
Braided Cloth	25%	2-4	\$4,100	2046	**	1		B
<i>Insulation Aged, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Thermoplastic	75%			2047	**	1		B
Motor Controllers								
Locally Mounted	70%			2019	\$68,100	5	\$100	B
Locally Mounted	30%			2038	**	5	\$100	B
Ground								
Grounding Devices								
Generic	50%			LIFE	**	5	\$200	B
Generic	50%			LIFE	**	5	\$200	B
Lighting								
Interior Lighting								
Fluorescent	10%			2029	**	10	\$2,300	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Using T-5 Lamps</i>								
Fluorescent	57%			2029	**	10	\$13,000	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Corridors</i>								
<i>Explanation : Using T-8 Lamps</i>								
HID	3%			2026	**	10		B
Incandescent	30%			2029	**	2	\$200	B
Egress Lighting								
Emergency, Service	40%			2029	**	1		B
Emergency, Battery	10%	Now	\$300	2021	\$1,100			B
<i>Damaged, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Not Functioning, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Exit, LED	40%			2056	**	1		B
Exit, Service	10%	2-4	\$400	2031	**	1		B
<i>Damaged, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>On Extended Life, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								

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

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
EL MUSEO DEL BARRIO HECKSCHER BUILDING TENANT

Asset # : 3009

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Lighting								
Exterior Lighting								
HID	100%			2026	**	10	\$100	B
Alarm								
Security System								
No Component	50%							D
Generic	50%			2029	**	1	\$4,700	B
Fire/Smoke Detection								
Generic	100%			2029	**	1-3	\$15,400	B
Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2041	**	1		B
Conversion Equipment								
Steam Boiler	100%			2034	**	1	\$28,700	B
<i>Boiler Used For Hot Water, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement Boiler Room</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement Mechanical Room</i>								
<i>Explanation : Two Units</i>								
Distribution								
Steam Piping/Pump	30%			2047	**	4	\$600	B
Steam Piping/Pump	70%			2031	**	4	\$1,500	B
Terminal Devices								
Air Handler	30%			2021	\$57,400	1	\$5,400	B
Convactor/Radiator	70%			2026	**	1	\$6,600	B
Air Conditioning								
Energy Source								
Electricity	100%			2029	**	1		B
Conversion Equipment								
Reciprocating Compr/Chiller	60%			2026	**	1	\$8,100	B
<i>Other Observation, Extent : Moderate, Area Affected : 60%</i>								
<i>Location : North Basement Machinery Room</i>								
<i>Explanation : For Museum Area Only</i>								
Window/Wall Unit	40%			2016	\$29,200	1		B
Distribution								
Chilled Wtr Pipe/Pump	60%			2041	**	4	\$900	B
No Component	40%							D

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

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

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DEPARTMENT OF CULTURAL AFFAIRS - 126
EL MUSEO DEL BARRIO HECKSCHER BUILDING TENANT

Asset # : 3009

Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Air Conditioning								
Terminal Devices								
Air Handler/Cool/Ht	60%			2021	\$90,400	1	\$10,800	B
<i>Other Observation, Extent : Moderate, Area Affected : 60%</i>								
<i>Location : North Side Of Building</i>								
<i>Explanation : Museum Area Only - Air Is Humidity Controlled As Well As Temperature</i>								
No Component	40%							D
Heat Rejection								
Evap Condenser	60%			2026	**	2	\$12,100	B
<i>Other Observation, Extent : Moderate, Area Affected : 60%</i>								
<i>Location : North Side Roof</i>								
<i>Explanation : For Museum Area Only</i>								
No Component	40%							D
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$16,100	B
Exhaust Fans								
Interior	60%			2021	\$23,500	2	\$500	B
Roof	40%			2021	\$11,300	2	\$400	B
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2031	**	1		B
HW Heat Exchanger								
Low Temp	100%			2041	**	4	\$2,900	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Boiler</i>								
<i>Explanation : Built Into The Boiler</i>								
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		B
Storm Drain Piping								
Cast Iron	100%	Now	\$2,500	LIFE	**	1		B
<i>Leak Evident, Extent : Severe, Area Affected : 5%</i>								
<i>Location : Stage Left Dressing Room</i>								
Sump Pump(s)								
Rigid Piping	100%			2021	\$11,100	4	\$1,300	B
Sewage Ejector(s)								
Electric	100%			2021	\$11,100	4	\$1,300	B
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	**			C
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement To 6th Floor</i>								
<i>Explanation : 4 Units</i>								
Fire Suppression								
Standpipe								
Generic	100%			2031	**	1-5	\$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.*

**DEPARTMENT OF CULTURAL AFFAIRS - 126
EL MUSEO DEL BARRIO HECKSCHER BUILDING TENANT**

Asset # : 3009

Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Fire Suppression								
Sprinkler								
No Component	30%							D
Generic	70%			2041	* *	1-2	\$5,700	B
Fire Pump								
No Component	50%							D
Generic	50%			2030	* *	1	\$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.*

Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : FLUSHING TOWN HALL
Address : 137-35 NORTHERN BLVD.
Borough : QUEENS **Agency's Number** : N/A
Program / Asset # : DCA0037.000 / 4380 **Yr Built/Renovated** : 1862 / 1998
Area Sq Ft : 18,000 **Project Type** : CULTURAL AFFAIRS
Date of Survey : 11-Apr-2011 **Landmark Status** : EXTERIOR LANDMARK
Areas Surveyed : Basement, Roof, Floors 1,2,3
Block : 4960 **Lot** : 1 **BIN** : 4112147

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$869,600	\$238,900
Interior Architecture	\$44,700	
Electrical		\$50,000
Mechanical	\$37,500	\$67,700
Total	\$951,800	\$356,600
Priority A	\$869,600	\$238,900
Priority B	\$37,500	\$117,700
Priority C	\$44,700	
Total	\$951,800	\$356,600

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$38,600		\$700	\$100
Interior Architecture	\$49,300	\$400		\$1,400
Electrical	\$600	\$500	\$3,900	\$800
Mechanical	\$18,400	\$2,600	\$25,800	\$3,000
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$110,800	\$7,400	\$34,400	\$9,200
Priority A	\$38,600		\$700	\$100
Priority B	\$35,700	\$7,000	\$33,700	\$7,700
Priority C	\$36,500	\$400		\$1,400
Total	\$110,800	\$7,400	\$34,400	\$9,200



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

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
FLUSHING TOWN HALL
Asset # : 4380

Architecture	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	83%	Now	\$679,400	LIFE	**	5	\$188,000	A
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 5%</i>								
<i>Location : Around Windows</i>								
<i>Diagonal Cracks, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Various</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Masonry: Brick	5%			LIFE	**	5	\$11,300	A
Masonry: Brownstone	2%	Now	\$53,300	LIFE	**	5	\$3,400	A
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 15%</i>								
<i>Location : Horizontal Bands</i>								
<i>Loose/Delam Surface, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Horizontal Bands</i>								
Masonry: Granite	3%			LIFE	**	5	\$5,100	A
Wood	7%	Now	\$136,900	2027	**	5	\$39,600	A
<i>Deteriorated Finish, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Paint Peeling, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Windows								
Aluminum	5%			2038	**	5	\$100	A
Metal Louvers	2%			2031	**	10	\$300	A
Steel	3%			2030	**	5	\$1,000	A
Wood	90%	Now	\$11,000	2038	**	5	\$12,200	A
<i>Condensation Present, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Various</i>								
<i>Deteriorated Finish, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Dry Rot/Decay, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Various</i>								
<i>Paint Peeling, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Throughout</i>								

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

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
FLUSHING TOWN HALL
Asset # : 4380

Architecture	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Parapets								
Masonry: Brick	5%			LIFE	**	5		A
Masonry: Brick	5%			LIFE	**	5		A
Masonry: Brownstone	8%	Now	\$1,700	LIFE	**	5	\$100	A
	<i>Cracking/Crumbling, Extent : Severe, Area Affected : 10%</i>							
	<i>Location : Coping</i>							
	<i>Loose/Delam Surface, Extent : Severe, Area Affected : 10%</i>							
	<i>Location : Coping</i>							
	<i>Caulking Deteriorated, Extent : Moderate, Area Affected : 10%</i>							
	<i>Location : Coping</i>							
Metal Panel	72%			2042	**	5	\$1,500	A
Metal Rail	10%			2035	**	5-10	\$1,000	A
Roof								
Built-Up (BUR)	5%	Now	\$2,200	2027	**			A
	<i>Water Penetration, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Upper Mechanical Roof</i>							
Metal Panel	90%			2035	**	10	\$20,700	A
	<i>Deteriorated Finish, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Sloped Roof</i>							
Modified Bitumen	5%	Now	\$2,000	2027	**			A
	<i>Patching Evident, Extent : Moderate, Area Affected : 5%</i>							
	<i>Location : Various</i>							
	<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>							
	<i>Location : Near Roof Door</i>							
	<i>Worn/Eroded, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
Interior								

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

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
FLUSHING TOWN HALL
Asset # : 4380

Architecture	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
Floors								
Carpet	10%	Now	\$15,600	2024	\$15,600	3	\$3,700	C
	<i>Worn/Eroded, Extent : Severe, Area Affected : 100%</i>							
	<i>Location : Offices</i>							
	<i>Other Observation, Extent : Severe, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : Open Seams</i>							
Cast in Place Concrete	27%			LIFE	**	5	\$14,500	C
Ceramic Tile	3%			2031	**	5	\$700	C
Quarry Tile	3%			2035	**	5	\$1,100	C
Vinyl Tile	7%			2027	**	3	\$900	C
Wood	40%	Now	\$44,700	2037	**	5	\$9,200	C
	<i>Deteriorated Finish, Extent : Severe, Area Affected : 20%</i>							
	<i>Location : Various</i>							
	<i>Loose Units, Extent : Moderate, Area Affected : 5%</i>							
	<i>Location : Back Stair, Auditorium</i>							
	<i>Split/Cracked, Extent : Severe, Area Affected : 10%</i>							
	<i>Location : Gift Shop And Auditorium</i>							
	<i>Worn/Eroded, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
Wood	10%			2050	**	5	\$4,600	C
Interior Walls								
Concrete Masonry Unit	3%			LIFE	**	5	\$300	C
Glass: Single Pane	5%			LIFE	**	5	\$900	C
Gypsum Board	20%	Now	\$4,800	LIFE	**	5	\$2,900	C
	<i>Water Penetration, Extent : Moderate, Area Affected : 5%</i>							
	<i>Location : Stairs</i>							
Masonry: Brick	3%			LIFE	**			C
Masonry: Fieldstone	10%			LIFE	**			C
Plaster	54%	Now	\$13,000	LIFE	**	5	\$4,000	C
	<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 5%</i>							
	<i>Location : Various</i>							
	<i>Water Penetration, Extent : Moderate, Area Affected : 5%</i>							
	<i>Location : Various</i>							
Wood	5%			LIFE	**	5	\$4,900	C

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

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
FLUSHING TOWN HALL
Asset # : 4380

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
Ceilings								
AcousTileSusp.Lay-In	5%	Now	\$200	2035	**	5	\$600	B
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 5%</i>								
<i>Location : Basement</i>								
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Basement</i>								
Embossed Metal	50%			LIFE	**	5	\$5,600	B
Exposed Concrete	2%			LIFE	**	5	\$100	B
Exposed Struc: Steel	5%	Now	\$6,100	LIFE	**			B
<i>Water Penetration, Extent : Light, Area Affected : 2%</i>								
<i>Location : Mechanical Penthouse</i>								
Gypsum Board	38%	Now	\$6,500	LIFE	**	5	\$11,900	B
<i>Water Penetration, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Stair</i>								

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
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%			2042	**	5	\$100	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : 1- Electrical Service Rated @ 2500 Amps</i>								
Switchgear / Switchboard								
Fused Disc Sw	100%			2042	**	5	\$100	B
Raceway								
Conduit	100%			2042	**	1		B
Panelboards								
Fused Disc Sw	20%			2038	**	5	\$100	B
Molded Case Bkrs	80%			2038	**	5	\$300	B
Wiring								
Thermoplastic	100%			2042	**	1		B
Motor Controllers								
Locally Mounted	100%			2035	**	5	\$100	B
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$200	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : Water Main</i>								

Lighting

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

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DEPARTMENT OF CULTURAL AFFAIRS - 126
FLUSHING TOWN HALL
Asset # : 4380

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Lighting								
Interior Lighting Fluorescent	25%			2027	**	10	\$3,400	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement, Offices</i>								
<i>Explanation : T-8 And T-12 Lamps</i>								
Incandescent	75%			2022	\$50,000	2	\$300	B
Egress Lighting								
Emergency, Battery	40%			2022	\$2,600	10	\$1,400	B
Exit, Service	60%			2022	\$1,600	1		B
Exterior Lighting								
HID	100%			2022	\$6,600	10		B
Alarm								
Security System								
No Component	70%							D
Generic	30%			2027	**	1	\$1,700	B
Fire/Smoke Detection								
No Component	65%							D
Generic	35%			2027	**	1-3	\$3,300	B
Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%	Now	\$400	2042	**	1		B
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : West Wall</i>								
<i>Explanation : Outside Vent Needed For Oil Tank Room</i>								
Conversion Equipment								
Hot Water Boiler	100%			2035	**	1	\$8,500	B
<i>Repairs In Progress, Extent : Light, Area Affected : 10%</i>								
<i>Location : #1 Boiler Control Box</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement Boiler Room</i>								
<i>Explanation : 2 Units</i>								
Distribution								
Hot Wtr Piping/Pump	100%			2038	**	4	\$800	B
Terminal Devices								
Air Handler	30%			2027	**	1	\$3,200	B
Convactor/Radiator	70%			2027	**	1	\$3,900	B
Air Conditioning								
Energy Source								
Electricity	100%			2030	**	1		B

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
FLUSHING TOWN HALL
Asset # : 4380

Mechanical	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Air Conditioning								
Conversion Equipment								
Reciprocating Compr/Chiller	30%			2017	\$21,300	1	\$2,400	B
Ext Pkg Unit - Cooling	70%	Now	\$6,800	2022	\$67,700	2	\$600	B
<i>Leak Evident, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Water Leaks From Drip Pan - Unit On Lower Roof</i>								
<i>Not in Service, Extent : Severe, Area Affected : 25%</i>								
<i>Location : 2 Compressors - Large Unit On Upper Roof</i>								
Terminal Devices								
Direct Expansion	100%			2027	**	1		B
Heat Rejection								
Remote Air Cond	30%			2017	\$37,500	2	\$3,600	B
No Component	70%							D
Ventilation								
Distribution								
Ductwork/Diffusers	100%	Now	\$3,600	LIFE	**	2-5	\$9,500	B
<i>Malfunctioning, Extent : Severe, Area Affected : 25%</i>								
<i>Location : 4 Damper Motors, Various Locations</i>								
Exhaust Fans								
Interior	80%	Now	\$900	2027	**	2	\$300	B
<i>Not in Service, Extent : Severe, Area Affected : 5%</i>								
<i>Location : 1st Floor - 2 Mens Rooms</i>								
Roof	20%			2027	**	2	\$100	B
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2042	**	1		B
Water Heater								
Gas Fired	100%			2020	\$4,900	2	\$300	B
Sanitary Piping								
Cast Iron	100%	Now	\$900	LIFE	**	1		B
<i>Blockage /Clogged, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Underground Sewage Line Below Parking Lot</i>								
Storm Drain Piping								
Cast Iron	100%	Now	\$1,500	LIFE	**	1		B
<i>Blockage /Clogged, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Basement</i>								
<i>Leak Evident, Extent : Severe, Area Affected : 5%</i>								
<i>Location : Stairway At 3rd Floor</i>								
Sump Pump(s)								
Rigid Piping	100%			2027	**	4	\$2,000	B
Sewage Ejector(s)								
Electric	100%			2027	**	4	\$2,000	B
Backflow Preventer								
Generic	100%			2027	**	1	\$900	B
Fixtures								
Generic	100%							B
Vertical Transport								

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**DEPARTMENT OF CULTURAL AFFAIRS - 126
FLUSHING TOWN HALL
Asset # : 4380**

Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Vertical Transport Elevators Hydraulic	100%			LIFE	**			C
<i>Other Observation, Extent : Light, Area Affected : 100%</i> <i>Location : B, L, 1-3</i> <i>Explanation : One Unit</i>								
Fire Suppression Sprinkler Generic	100%			2042	**	1-2	\$4,800	B

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Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : HISTORIC RICHMOND TOWN COLLECTION CARE FACILITY
 Address : 145 ARTHUR KILL ROAD
 Borough : STATEN ISLAND Agency's Number : N/A
 Program / Asset # : DCA0021.390 / 4494 Yr Built/Renovated : 1998 /
 Area Sq Ft : 6,000 Project Type : CULTURAL AFFAIRS
 Date of Survey : 16-May-2013 Landmark Status : NONE
 Areas Surveyed : Roof, Floors 1,2
 Block : 4444 Lot : 35 BIN : 5141713

CAPITAL		FY 2015 - 2018	FY 2019 - 2024
Exterior Architecture			\$47,900
Total			\$47,900
Priority	A		\$47,900
Total			\$47,900

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$9,400		\$800	
Interior Architecture	\$20,500			\$500
Electrical	\$400	\$300	\$400	\$300
Mechanical	\$3,700	\$1,200	\$2,100	\$1,100
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$37,900	\$5,400	\$7,200	\$5,700
Priority	A		\$800	
Priority	B	\$22,800	\$6,400	\$5,300
Priority	C	\$5,700		\$500
Total	\$37,900	\$5,400	\$7,200	\$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.

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DEPARTMENT OF CULTURAL AFFAIRS - 126
HISTORIC RICHMOND TOWN COLLECTION CARE FACILITY

Asset # : 4494

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Concrete Masonry Unit	5%			LIFE	**	5	\$700	A
Metal Panel	90%			2044	**	5-10	\$65,900	A
Metal Sect. OHD	5%			2037	**	5	\$1,700	A
Windows								
Aluminum	100%			2040	**	5	\$600	A
Roof								
Slate	100%			LIFE	**	10	\$8,800	A
<i>Debris Present, Extent : Light, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
Interior								
Floors								
Cast in Place Concrete	65%	2-4	\$3,600	LIFE	**	5	\$10,400	C
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Boiler Room</i>								
Ceramic Tile	5%			2033	**	5	\$400	C
Vinyl Tile	30%	Now	\$1,000	2029	**	3	\$800	C
<i>Adhesion Failure, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Stairs</i>								
<i>Loose Units, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Stairs</i>								
Interior Walls								
Gypsum Board	100%	Now	\$1,000	LIFE	**	5	\$700	C
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Below Second Floor Window At Top Of Stairs</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Below Second Floor Window At Top Of Stairs</i>								
Ceilings								
Exposed Struc: Steel	90%			LIFE	**	10	\$13,200	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Fireproofing Missing</i>								
Gypsum Board	10%			LIFE	**	5-10	\$2,500	B

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
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%			2044	**	5		B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : One 400 Amps Main Disconnect Switch</i>								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2044	**	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.*

DEPARTMENT OF CULTURAL AFFAIRS - 126
HISTORIC RICHMOND TOWN COLLECTION CARE FACILITY

Asset # : 4494

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Raceway								
Conduit	100%			2044	**	1		B
Panelboards								
Fused Disc Sw	5%			2040	**	5		B
Molded Case Bkrs	95%			2040	**	5	\$100	B
Wiring								
Thermoplastic	100%			2044	**	1		B
Motor Controllers								
Locally Mounted	100%			2037	**	5		B
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$100	B
Lighting								
Interior Lighting								
Fluorescent	100%			2029	**	10	\$4,500	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : T-8 Lamps</i>								
Egress Lighting								
Emergency, Battery	50%			2029	**	10	\$600	B
Exit, Service	50%			2029	**	1		B
Exterior Lighting								
HID	100%			2029	**	10		B
Alarm								
Fire/Smoke Detection								
Generic	100%			2029	**	1-3	\$3,000	B

Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Natural Gas	100%			2044	**	1		B
Conversion Equipment								
Hot Water Boiler	100%	Now	\$600	2029	**	1	\$2,200	B
<i>Corroded, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Boilers</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Boiler Room On 1st Floor</i>								
<i>Explanation : 2 Units</i>								
Distribution								
Hot Wtr Piping/Pump	100%			2040	**	4	\$400	B
Terminal Devices								
Air Handler	90%			2029	**	1	\$2,700	B
Fan Coil Unit/Heat	10%			2029	**	1	\$200	B
Air Conditioning								

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
HISTORIC RICHMOND TOWN COLLECTION CARE FACILITY

Asset # : 4494

Mechanical System Component Type	Current Repair			Future Replacement		Maintenance		Priority Code
	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		B
Terminal Devices								
Air Handler/Cool/Ht	100%			2029	* *	1	\$3,000	B
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Air Handler Room</i>					
			<i>Explanation : Direct Expansion Air Handler, With Hot Water Coil Built In</i>					
Heat Rejection								
Air Condenser Unit	100%			2029	* *	2	\$3,400	B
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$4,300	B
Exhaust Fans								
Interior	100%			2029	* *	2	\$200	B
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2037	* *	1		B
Water Heater								
Electric	100%			2022	\$900	4		B
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		B
Backflow Preventer								
Generic	100%			2029	* *	1	\$300	B
Fixtures								
Generic	100%							B
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			C
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : 1-2</i>					
			<i>Explanation : 1 Unit</i>					
Fire Suppression								
Sprinkler								
Generic	100%			2044	* *	1-2	\$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.

Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : HISTORIC RICHMOND TOWN EDWARDS - BARTON HOUSE
Address : 441 CLARKE AVENUE
Borough : STATEN ISLAND **Agency's Number** : N/A
Program / Asset # : DCA0021.130 / 2381 **Yr Built/Renovated** : 1869 /
Area Sq Ft : 4,240 **Project Type** : CULTURAL AFFAIRS
Date of Survey : 14-May-2013 **Landmark Status** : EXTERIOR LANDMARK
Areas Surveyed : Basement, Roof, Floors 1,2
Block : 4441 **Lot** : 1 **BIN** : 5121936

CAPITAL		FY 2015 - 2018	FY 2019 - 2024
Exterior Architecture		\$51,700	
Interior Architecture		\$234,200	
Total		\$285,900	
Priority A		\$51,700	
Priority B		\$83,400	
Priority C		\$150,800	
Total		\$285,900	

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$9,800		\$1,700	
Interior Architecture				
Total	\$9,800		\$1,700	
Priority A	\$9,800		\$1,700	
Priority B				
Priority C				
Total	\$9,800		\$1,700	



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

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
HISTORIC RICHMOND TOWN EDWARDS - BARTON HOUSE

Asset # : 2381

Architecture	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	15%			LIFE	**	5	\$2,100	A
Wood	85%	Now	\$51,700	2029	**	5	\$15,000	A
<i>Dry Rot/Decay, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Windows								
Wood	100%	Now	\$8,700	2032	**	5	\$9,600	A
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 60%</i>								
<i>Location : Various Locations Throughout</i>								
<i>Glazing Broken/Cracked, Extent : Severe, Area Affected : 5%</i>								
<i>Location : Front Entry</i>								
Parapets								
Wood Cornice	100%			2034	**	5-10	\$9,400	A
Roof								
Copper/Terne	15%			2039	**	10	\$2,300	A
Wood Shingles	85%			2027	**	10	\$1,700	A
Interior								
Floors								
Wood	100%	Now	\$61,700	2052	**	5	\$4,200	C
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Various Locations Throughout</i>								
<i>Dry Rot/Decay, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
<i>Split/Cracked, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Worn/Eroded, 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 : Interior No Longer In Use</i>								
Interior Walls								
Plaster	100%	Now	\$89,100	LIFE	**	5	\$1,400	C
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Cracking/Crumbling, 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 : Interior No Longer In Use</i>								

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

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

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

**DEPARTMENT OF CULTURAL AFFAIRS - 126
HISTORIC RICHMOND TOWN EDWARDS - BARTON HOUSE**

Asset # : 2381

Architecture	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Interior								
Ceilings								
Plaster	100%	Now	\$83,400	LIFE	**	5	\$2,800	B
	<i>Broken/Missing Elements, Extent : Severe, Area Affected : 50%</i>							
	<i>Location : Throughout</i>							
	<i>Cracking/Crumbling, 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 : Interior No Longer In Use</i>							

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

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

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

Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : HISTORIC RICHMOND TOWN GUYON STORE
Address : 441 CLARKE AVENUE
Borough : STATEN ISLAND **Agency's Number** : N/A
Program / Asset # : DCA0021.180 / 2382 **Yr Built/Renovated** : 1815 / 1835
Area Sq Ft : 2,790 **Project Type** : CULTURAL AFFAIRS
Date of Survey : 14-May-2013 **Landmark Status** : EXTERIOR LANDMARK
Areas Surveyed : Basement, Roof, Floors 1
Block : 4441 **Lot** : 1 **BIN** : 5121942

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$44,900	
Total	\$44,900	
Priority A	\$44,900	
Total	\$44,900	

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$26,600			
Interior Architecture	\$5,000			
Total	\$31,700			
Priority A	\$26,600			
Priority B	\$2,300			
Priority C	\$2,700			
Total	\$31,700			



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

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
HISTORIC RICHMOND TOWN GUYON STORE
Asset # : 2382

Architecture	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	5%			LIFE	**	5	\$200	A
Masonry: Fieldstone	20%			LIFE	**	5	\$500	A
Wood	75%	Now	\$10,300	2029	**	5	\$3,000	A
<i>Paint Peeling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Split/Cracked, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
<hr/>								
Windows								
Wood	100%	4+	\$16,100	2032	**	5	\$5,900	A
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Split/Cracked, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<hr/>								
Roof								
Wood Shingles	80%	Now	\$44,900	2039	**			A
<i>Dry Rot/Decay, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
Wood Shingles	20%			2033	**	10	\$100	A
<i>Recent Repair Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Various Locations Throughout, 2010</i>								
<hr/>								
Interior								
Floors								
Wood	100%			2039	**	5	\$3,800	C
<hr/>								
Interior Walls								
Plaster	75%			LIFE	**	5-10	\$1,200	C
Wood	25%			LIFE	**	5	\$3,800	C
<hr/>								
Ceilings								
Exposed Struc: Wood	100%			LIFE	**	10	\$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.

Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : HISTORIC RICHMOND TOWN GUYON/LAKE/TYSON HOUSE
Address : 441 CLARKE AVENUE
Borough : STATEN ISLAND **Agency's Number** : N/A
Program / Asset # : DCA0021.240 / 2383 **Yr Built/Renovated** : 1740 / 1820
Area Sq Ft : 4,866 **Project Type** : CULTURAL AFFAIRS
Date of Survey : 16-May-2013 **Landmark Status** : EXTERIOR LANDMARK
Areas Surveyed : Basement, Roof, Floors 1,2
Block : 4441 **Lot** : 1 **BIN** : 5121947

CAPITAL**Total**

Priority

Total

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$19,300		\$3,100	
Interior Architecture	\$33,700		\$900	
Electrical	\$1,000			\$100
Mechanical	\$1,300	\$200	\$400	\$200
Total	\$55,300	\$200	\$4,400	\$200
Priority A	\$19,300		\$3,100	
Priority B	\$8,700	\$200	\$500	\$200
Priority C	\$27,300		\$900	
Total	\$55,300	\$200	\$4,400	\$200



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

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
HISTORIC RICHMOND TOWN GUYON/LAKE/TYSON HOUSE

Asset # : 2383

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	5%	Now	\$1,300	LIFE	**	5	\$400	A
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Chimney</i>								
<i>Spalling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Chimney</i>								
Masonry: Fieldstone	5%			LIFE	**	5	\$500	A
Wood	90%			2029	**	5	\$32,300	A
Windows								
Wood	100%	Now	\$17,800	2032	**	5	\$9,800	A
<i>Crwt/Balnc Not Funct, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
<i>Glazing Broken/Cracked, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
Roof								
Wood Shingles	100%			2027	**	10	\$3,100	A
Interior								
Floors								
Panel/Paver: Cer/Brk	15%			2032	**	5	\$1,700	C
Wood	85%	Now	\$20,100	2039	**	5	\$4,100	C
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Split/Cracked, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
Interior Walls								
Masonry: Fieldstone	15%			LIFE	**	10	\$300	C
Plaster	60%			LIFE	**	5-10	\$2,600	C
Wood	25%			LIFE	**	5	\$10,400	C
Ceilings								
Exposed Struc: Wood	35%			LIFE	**	10	\$2,700	B
Plaster	65%			LIFE	**	5-10	\$5,800	B

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
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%			2024	\$1,700	5	\$100	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : One 100 Amps Main Disconnect Switch</i>								
Raceway								
Conduit	100%			2024	\$6,300	1		B
Panelboards								
Molded Case Bkrs	100%			2023	\$12,100	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.

DEPARTMENT OF CULTURAL AFFAIRS - 126
HISTORIC RICHMOND TOWN GUYON/LAKE/TYSON HOUSE

Asset # : 2383

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Wiring								
Thermoplastic	100%			2024	\$5,900	1		B
Ground								
Grounding Devices								
Generic	100%	2-4	\$1,000	LIFE	**	5	\$100	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Ground Rod - Outside</i>								
<i>Explanation : Corroded</i>								
Lighting								
Interior Lighting								
Incandescent	100%			2019	\$22,100	2	\$100	B
Exterior Lighting								
Incandescent	100%			2019	\$2,500	2		B
Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Natural Gas	100%			2034	**	1		B
Conversion Equipment								
Furnace	100%			2024	\$5,200	1	\$1,700	B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : 1 Unit</i>								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$3,100	B
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2034	**	1		B
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		B

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

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

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

Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : HISTORIC RICHMOND TOWN HISTORICAL MUSEUM
Address : 441 CLARKE AVENUE
Borough : STATEN ISLAND **Agency's Number** : N/A
Program / Asset # : DCA0021.030 / 2380 **Yr Built/Renovated** : 1848 / 1918
Area Sq Ft : 11,569 **Project Type** : CULTURAL AFFAIRS
Date of Survey : 14-May-2013 **Landmark Status** : EXTERIOR LANDMARK
Areas Surveyed : Basement, Roof, Floors 1,2
Block : 4441 **Lot** : 1 **BIN** : 5121947

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$200,300	\$40,100
Electrical	\$120,300	
Mechanical		\$259,400
Total	\$320,500	\$299,500
Priority A	\$200,300	\$40,100
Priority B	\$120,300	\$259,400
Total	\$320,500	\$299,500

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$47,100			
Interior Architecture	\$42,600		\$300	\$3,300
Electrical	\$100	\$600	\$700	\$700
Mechanical	\$32,400	\$2,900	\$1,900	\$2,000
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$126,200	\$7,400	\$6,800	\$10,000
Priority A	\$47,100			
Priority B	\$66,000	\$7,400	\$6,500	\$6,700
Priority C	\$13,100		\$300	\$3,300
Total	\$126,200	\$7,400	\$6,800	\$10,000



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

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
HISTORIC RICHMOND TOWN HISTORICAL MUSEUM

Asset # : 2380

Architecture	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	90%	Now	\$200,300	LIFE	**	5	\$18,500	A
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
<i>Loose Units, Extent : Light, Area Affected : 10%</i>								
<i>Location : Various Locations Throughout</i>								
<i>Spalling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Various Locations Throughout</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : First Floor West Wall</i>								
Masonry: Limestone	5%	Now	\$6,900	LIFE	**	5	\$800	A
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Wood	5%			2029	**	5	\$5,100	A
Windows								
Wood	100%	2-4	\$19,900	2040	**	5	\$11,000	A
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Various Locations Throughout</i>								
<i>Glazing Broken/Cracked, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Various Locations Throughout</i>								
<i>Paint Peeling, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Various Locations Throughout</i>								
Parapets								
Wood Cornice	100%	Now	\$20,200	2034	**	5	\$9,200	A
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
<i>Split/Cracked, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
Roof								
Copper/Terne	95%			2039	**	10	\$40,100	A
Skylight, Metal/Glass	5%			2044	**	10	\$2,800	A

Interior

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

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
HISTORIC RICHMOND TOWN HISTORICAL MUSEUM

Asset # : 2380

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
Floors								
Carpet	40%	Now	\$7,200	2023	\$36,000	3	\$8,500	C
<i>Worn/Eroded, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Wrinkling, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Stairs</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Open Seams</i>								
Ceramic Tile	5%			2033	**	5	\$700	C
Vinyl Tile	15%			2029	**	3	\$800	C
<i>Cracking/Crumbling, Extent : Light, Area Affected : 15%</i>								
<i>Location : Basement</i>								
Wood	40%			2039	**	5	\$10,600	C
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Stairs</i>								
Interior Walls								
Ceramic Tile	5%			2033	**	5	\$200	C
Concrete Masonry Unit	5%			LIFE	**	5	\$200	C
Gypsum Board	35%			LIFE	**	5-10	\$2,500	C
Masonry: Brick	10%			LIFE	**	10	\$100	C
Plaster	40%	Now	\$3,300	LIFE	**	5	\$500	C
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : First Floor West Wall</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : First Floor West Wall</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Second Floor West Wall</i>								
<i>Explanation : Cannot Access Damage Due To Secondary Display Wall Set In Front</i>								
Wood	5%			LIFE	**	5	\$1,700	C
Ceilings								
Gypsum Board	70%			LIFE	**	5-10	\$34,100	B
Plaster	30%	Now	\$7,900	LIFE	**	5	\$2,700	B
<i>Paint Peeling, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Various Locations Throughout</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Above Stairs On Second Floor</i>								

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

Under 600 Volts

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

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
HISTORIC RICHMOND TOWN HISTORICAL MUSEUM

Asset # : 2380

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
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%			2034	**	5		B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : One 800 Amps Main Disconnect Switch</i>								
Switchgear / Switchboard								
Fused Disc Sw	100%			2034	**	5		B
Raceway								
Conduit	100%			2034	**	1		B
Panelboards								
Fused Disc Sw	5%			2032	**	5		B
Molded Case Bkrs	95%			2032	**	5	\$200	B
Wiring								
Thermoplastic	100%			2034	**	1		B
Motor Controllers								
Locally Mounted	100%			2029	**	5	\$100	B
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$300	B
Lighting								
Interior Lighting								
Fluorescent	30%			2024	\$12,900	10	\$2,600	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : T-12 Lamps</i>								
Incandescent	70%			2024	\$30,000	2	\$200	B
Egress Lighting								
Emergency, Battery	50%			2024	\$2,100	10	\$1,100	B
Exit, Service	50%			2024	\$800	1		B
Exterior Lighting								
Incandescent	100%			2024	\$4,300	2		B
Alarm								
Fire/Smoke Detection								
Generic	100%	Now	\$120,300	2034	**	1-3	\$5,300	B
<i>Not in Service, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								

Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Natural Gas	100%			2044	**	1		B

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

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
HISTORIC RICHMOND TOWN HISTORICAL MUSEUM

Asset # : 2380

Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Conversion Equipment								
Hot Water Boiler	100%			2037	**	1	\$4,700	B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : 2 Units</i>								
Distribution								
Hot Wtr Piping/Pump	100%			2040	**	4	\$700	B
Terminal Devices								
Air Handler	75%			2024	\$47,000	1	\$4,400	B
Convactor/Radiator	25%			2029	**	1	\$800	B
Air Conditioning								
Energy Source								
Electricity	100%			2032	**	1		B
Conversion Equipment								
Int Pkg Unit - Heating/Cooling	75%	Now	\$17,300	2022	\$173,500	2	\$400	B
<i>Broken, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : One A C Unit In Attic Space</i>								
<i>R-22 Refrigerant, Extent : Light, Area Affected : 100%</i>								
<i>Location : Attic - Internal Package Units Not Accessible</i>								
No Component	25%							D
Terminal Devices								
Direct Expansion	15%			2024	\$4,100	1		B
No Component	85%							D
Heat Rejection								
Air Condenser Unit	15%			2029	**	2	\$1,000	B
Remote Air Cond	75%			2024	\$39,000	2	\$5,000	B
No Component	10%							D
Ventilation								
Distribution								
Ductwork/Diffusers	90%			LIFE	**	2-5	\$7,500	B
No Component	10%							D
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2029	**	1		B
Water Heater								
Gas Fired	100%			2022	\$2,700	2	\$100	B
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		B
Sump Pump(s)								
Rigid Piping	100%			2024	\$11,100	4	\$2,000	B
Sewage Ejector(s)								
Electric	100%	Now	\$11,100	2034	**	4	\$1,300	B
<i>Obsolete Equipment, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
Fixtures								
Generic	100%							B

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

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

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

**DEPARTMENT OF CULTURAL AFFAIRS - 126
HISTORIC RICHMOND TOWN HISTORICAL MUSEUM**

Asset # : 2380

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Vertical Transport Elevators Hydraulic	100%			LIFE		* *		C
<i>Other Observation, Extent : Light, Area Affected : 100%</i> <i>Location : B, 1, 2</i> <i>Explanation : 1 Unit</i>								

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

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

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

Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : HISTORIC RICHMOND TOWN OLD PUBLIC SCHOOL 28
Address : 441 CLARKE AVENUE
Borough : STATEN ISLAND **Agency's Number** : N/A
Program / Asset # : DCA0021.340 / 2386 **Yr Built/Renovated** : 1908 / 2013
Area Sq Ft : 11,825 **Project Type** : CULTURAL AFFAIRS
Date of Survey : 16-May-2013 **Landmark Status** : EXTERIOR LANDMARK
Areas Surveyed : Basement, Roof, Floors 1
Block : 4441 **Lot** : 1 **BIN** : 5121944

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$225,200	
Interior Architecture	\$39,200	
Electrical		\$159,600
Mechanical		\$59,900
Total	\$264,400	\$219,500
Priority A	\$225,200	
Priority B		\$219,500
Priority C	\$39,200	
Total	\$264,400	\$219,500

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$11,100			
Interior Architecture	\$46,600			\$300
Electrical	\$55,800	\$500	\$600	\$800
Mechanical	\$42,600	\$800	\$800	\$800
Total	\$156,100	\$1,300	\$1,400	\$1,900
Priority A	\$11,100			
Priority B	\$104,600	\$1,300	\$1,400	\$1,500
Priority C	\$40,500			\$300
Total	\$156,100	\$1,300	\$1,400	\$1,900



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

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
HISTORIC RICHMOND TOWN OLD PUBLIC SCHOOL 28

Asset # : 2386

Architecture	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Cast in Place Concrete	2%			LIFE	**	5	\$1,300	A
Cast Stone/Terra Cotta	3%			LIFE	**	5	\$3,100	A
Masonry: Brick	75%	Now	\$72,700	LIFE	**	5	\$5,000	A
<i>Graffiti, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Various Locations Throughout</i>								
<i>Horizontal Cracks, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : North Facade</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : North Facade</i>								
<i>Rusting Masonry Supt, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : North Facade</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Various Locations Throughout</i>								
Masonry: Brick	10%			LIFE	**	5	\$1,300	A
<i>Repairs in Progress, Extent : Light, Area Affected : 100%</i>								
<i>Location : Library</i>								
Masonry: Limestone	2%	Now	\$1,800	LIFE	**	5	\$100	A
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Window Sills</i>								
Stucco Cement	3%			2029	**	5	\$500	A
Wood	5%			2029	**	5	\$1,700	A
Windows								
Wood	90%	Now	\$152,500	2049	**	5	\$22,600	A
<i>Air Infiltration, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Thermally Inefficient, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Split/Cracked, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
Wood	10%			2040	**	5	\$5,000	A
<i>Repairs in Progress, Extent : Light, Area Affected : 100%</i>								
<i>Location : Library</i>								
Parapets								
No Component	90%							D
Under Construction	10%							D

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
HISTORIC RICHMOND TOWN OLD PUBLIC SCHOOL 28

Asset # : 2386

Architecture	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Roof								
Asphalt Shingle	75%	Now	\$2,800	2027	**			A
<i>Punct/Tear/Impact Damage, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Built-Up (BUR)	15%			2034	**	10	\$1,300	A
<i>Repairs in Progress, Extent : Light, Area Affected : 100%</i>								
<i>Location : Library</i>								
Copper/Terne	10%	Now	\$1,100	2039	**			A
<i>Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Interior								
Floors								
Asphalt Poured	5%	Now	\$3,100	2044	**	5	\$100	C
<i>Loose/Delam Surface, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Stairs</i>								
<i>Wrinkling, Extent : Moderate, Area Affected : 60%</i>								
<i>Location : Stairs</i>								
Cast in Place Concrete	5%			LIFE	**	5	\$1,900	C
Ceramic Tile	5%	Now	\$1,000	2027	**	5	\$200	C
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Vinyl Tile	30%	0-2	\$26,500	2034	**	3	\$1,000	C
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
Wood	5%	Now	\$9,800	2064	**	5	\$400	C
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 40%</i>								
<i>Location : Custodian Office In Basement</i>								
<i>Dry Rot/Decay, Extent : Severe, Area Affected : 40%</i>								
<i>Location : Custodian Office In Basement</i>								
Wood	50%	0-2	\$29,400	2039	**	5	\$4,000	C
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Throughout</i>								

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

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
HISTORIC RICHMOND TOWN OLD PUBLIC SCHOOL 28

Asset # : 2386

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
Interior Walls								
Gypsum Board	10%			LIFE	**	5-10	\$1,400	C
Masonry: Brick	25%			LIFE	**	10	\$600	C
Plaster	45%	Now	\$7,100	LIFE	**	5	\$1,100	C
<i>Punct/Tear/Impact Damage, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
SGFT/Glazed Masonry	10%			LIFE	**	10	\$400	C
Under Construction	10%							D
Ceilings								
Embossed Metal	10%			LIFE	**	5	\$600	B
Plaster	80%			LIFE	**	5-10	\$9,100	B
Under Construction	10%							D

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
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%			2024	\$1,700	5		B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : One 200 Amps Main Disconnect Switch</i>								
Switchgear / Switchboard								
Fused Knife Sw	100%	2-4	\$32,100	2054	**	5		B
<i>Obsolete Equipment, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>On Extended Life, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Raceway								
Conduit	95%			2024	\$9,800	1		B
Conduit	5%			2034	**	1		B
Panelboards								
Fused Toggle Switch	50%	2-4	\$12,100	2049	**	5	\$100	B
<i>On Extended Life, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Molded Case Bkrs	50%			2023	\$12,100	5	\$100	B
Wiring								
Braided Cloth	65%	2-4	\$6,200	2049	**	1		B
<i>Insulation Aged, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Thermoplastic	30%			2024	\$2,900	1		B
Thermoplastic	5%			2034	**	1		B
Motor Controllers								
Locally Mounted	100%			2022	\$11,200	5	\$100	B

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DEPARTMENT OF CULTURAL AFFAIRS - 126
HISTORIC RICHMOND TOWN OLD PUBLIC SCHOOL 28

Asset # : 2386

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

Ground

Grounding Devices

Generic

100%	2-4	\$1,000	LIFE	**	5	\$100	B
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Other Observation, Extent : Moderate, Area Affected : 100%
Location : Basement
Explanation : Corroded

Lighting

Interior Lighting

Fluorescent

70%			2019	\$25,700	10	\$3,700	B
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Other Observation, Extent : Moderate, Area Affected : 100%
Location : Throughout
Explanation : T-12 Lamps

Fluorescent

30%			2024	\$11,000	10	\$1,600	B
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Exterior Lighting

HID

50%			2019	\$2,200	10		B
-----	--	--	------	---------	----	--	---

Incandescent

50%			2019	\$3,100	2		B
-----	--	--	------	---------	---	--	---

Alarm

Fire/Smoke Detection

Generic

100%			2024	\$122,900	1-3	\$6,200	B
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Mechanical	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	

Heating

Energy Source

Natural Gas

100%			2024	\$5,700	1		B
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Conversion Equipment

Steam Boiler

100%	Now	\$34,300	2044	**	1	\$5,100	B
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On Extended Life, Extent : Severe, Area Affected : 100%
Location : Boiler Room
Other Observation, Extent : Light, Area Affected : 100%
Location : Basement
Explanation : 2 Units

Distribution

Steam Piping/Pump

100%	Now	\$4,900	2034	**	4	\$300	B
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Leak Evident, Extent : Moderate, Area Affected : 15%
Location : Throughout
Steam Traps Faulty, Extent : Moderate, Area Affected : 50%
Location : Throughout

Terminal Devices

Convactor/Radiator

90%			2022	\$59,900	1	\$1,700	B
-----	--	--	------	----------	---	---------	---

Fan Coil Unit/Heat

10%			2024	\$10,600	1	\$200	B
-----	--	--	------	----------	---	-------	---

Air Conditioning

Energy Source

Electricity

100%			2032	**	1		B
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Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
HISTORIC RICHMOND TOWN OLD PUBLIC SCHOOL 28

Asset # : 2386

Mechanical	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Air Conditioning								
Conversion Equipment								
Window/Wall Unit	5%			2019	\$700	1		B
No Component	95%							D
Plumbing								
H/C Water Piping								
Brass/Copper	20%			2034	**	1		B
Galv Iron/Steel	80%			2022	\$16,800	1		B
Water Heater								
Gas Fired	100%	Now	\$1,600	2024	\$1,600	2	\$100	B
			<i>On Extended Life, Extent : Moderate, Area Affected : 100%</i>					
			<i>Location : Boiler Room</i>					
Sanitary Piping								
Cast Iron	100%	Now	\$1,500	LIFE	**	1		B
			<i>Blockage /Clogged, Extent : Moderate, Area Affected : 5%</i>					
			<i>Location : Basement</i>					
Fixtures								
Generic	100%							B
			<i>Obsolete Fixtures, Extent : Severe, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
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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 : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : HISTORIC RICHMOND TOWN PARSONAGE RESTAURANT
Address : 441 CLARKE AVENUE
Borough : STATEN ISLAND **Agency's Number** : N/A
Program / Asset # : DCA0021.070 / 2810 **Yr Built/Renovated** : 1855 /
Area Sq Ft : 2,731 **Project Type** : CULTURAL AFFAIRS
Date of Survey : 16-May-2013 **Landmark Status** : EXTERIOR LANDMARK
Areas Surveyed : Basement, Roof, Floors 1,2
Block : 4441 **Lot** : 200 **BIN** : 5121949

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$96,400	
Total	\$96,400	
Priority A	\$96,400	
Total	\$96,400	

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$29,200			
Interior Architecture	\$70,400			\$300
Electrical	\$1,300			
Mechanical	\$11,700	\$400	\$300	\$400
Total	\$112,500	\$400	\$400	\$800
Priority A	\$29,200			
Priority B	\$30,000	\$400	\$400	\$500
Priority C	\$53,400			\$300
Total	\$112,500	\$400	\$400	\$800



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

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
HISTORIC RICHMOND TOWN PARSONAGE RESTAURANT

Asset # : 2810

Architecture	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Wood	100%	Now	\$26,700	2029	* *	5	\$3,900	A
	<i>Deteriorated Finish, Extent : Moderate, Area Affected : 30%</i>							
	<i>Location : Throughout</i>							
	<i>Dry Rot/Decay, Extent : Moderate, Area Affected : 20%</i>							
	<i>Location : Throughout</i>							
	<i>Paint Peeling, Extent : Moderate, Area Affected : 30%</i>							
	<i>Location : Throughout</i>							
<hr/>								
Windows								
Wood	100%	Now	\$52,500	2049	* *	5	\$5,800	A
	<i>Air Infiltration, Extent : Severe, Area Affected : 45%</i>							
	<i>Location : Throughout</i>							
	<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 20%</i>							
	<i>Location : Throughout</i>							
	<i>Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 30%</i>							
	<i>Location : Throughout</i>							
	<i>Glazing Broken/Cracked, Extent : Moderate, Area Affected : 30%</i>							
	<i>Location : Various Locations Throughout</i>							
<hr/>								
Parapets								
Wood Cornice	100%			2034	* *	5-10	\$300	A
<hr/>								
Roof								
Copper/Terne	20%	Now	\$2,400	2052	* *			A
	<i>Gut/DS Non Func/Miss, Extent : Moderate, Area Affected : 40%</i>							
	<i>Location : Low Roof</i>							
	<i>Seams Open/Split, Extent : Moderate, Area Affected : 50%</i>							
	<i>Location : Low Roof</i>							
Wood Shingles	80%	0-2	\$43,900	2039	* *			A
	<i>Broken/Missing Elements, Extent : Severe, Area Affected : 50%</i>							
	<i>Location : Throughout</i>							
	<i>Dry Rot/Decay, Extent : Severe, Area Affected : 50%</i>							
	<i>Location : Throughout</i>							
	<i>Punct/Tear/Impact Damage, Extent : Severe, Area Affected : 20%</i>							
	<i>Location : Throughout</i>							

Interior

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

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

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DEPARTMENT OF CULTURAL AFFAIRS - 126
HISTORIC RICHMOND TOWN PARSONAGE RESTAURANT

Asset # : 2810

Architecture	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
Floors								
Carpet	35%	Now	\$4,400	2026	**	3	\$1,000	C
<i>Punct/Tear/Impact Damage, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Staining/Discoloring, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Wrinkling, Extent : Severe, Area Affected : 45%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Building Is No Longer In Use</i>								
Ceramic Tile	5%	Now	\$2,400	2039	**	5	\$100	C
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Quarry Tile	10%	Now	\$1,400	2037	**	5	\$100	C
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Old Kitchen</i>								
Wood	50%	Now	\$22,700	2064	**	5	\$900	C
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Misaligned/Bulging, Extent : Severe, Area Affected : 30%</i>								
<i>Location : Second Floor</i>								
<i>Punct/Tear/Impact Damage, Extent : Severe, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
Interior Walls								
Plaster	95%	Now	\$20,800	LIFE	**	5	\$500	C
<i>Paint Peeling, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
<i>Punct/Tear/Impact Damage, Extent : Severe, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
<i>Worn/Eroded, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Wood	5%	Now	\$1,800	LIFE	**	5	\$400	C
<i>Punct/Tear/Impact Damage, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Worn/Eroded, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								

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

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
HISTORIC RICHMOND TOWN PARSONAGE RESTAURANT

Asset # : 2810

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

Interior

Ceilings

Plaster

100%	Now	\$17,000	LIFE	**	5	\$1,000	B	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
<i>Punct/Tear/Impact Damage, Extent : Severe, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Throughout</i>								

Electrical	Current Repair			Future Replacement		Maintenance		Priority Code
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%			2024	\$1,700	5		B	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : One 600 Amps Main Disconnect Switch</i>								

Switchgear / Switchboard

Molded Case Bkrs

100%			2024	\$16,000	5	\$100	B
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Raceway

Conduit

100%			2024	\$6,300	1		B
------	--	--	------	---------	---	--	---

Panelboards

Fused Disc Sw

10%			2023	\$1,200	5		B
-----	--	--	------	---------	---	--	---

Molded Case Bkrs

90%			2023	\$10,900	5	\$100	B
-----	--	--	------	----------	---	-------	---

Wiring

Thermoplastic

100%			2024	\$5,900	1		B
------	--	--	------	---------	---	--	---

Motor Controllers

Locally Mounted

100%			2022	\$5,600	5		B
------	--	--	------	---------	---	--	---

Ground

Grounding Devices

Generic

100%	2-4	\$1,000	LIFE	**	5		B	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : Corroded</i>								

Lighting

Interior Lighting

Incandescent

100%			2019	\$8,500	2		B
------	--	--	------	---------	---	--	---

Egress Lighting

Emergency, Battery

100%			2019	\$600	10	\$300	B
------	--	--	------	-------	----	-------	---

Exterior Lighting

Incandescent

100%			2019	\$1,400	2		B
------	--	--	------	---------	---	--	---

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

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

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
HISTORIC RICHMOND TOWN PARSONAGE RESTAURANT

Asset # : 2810

Mechanical	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Natural Gas	100%			2034	* *	1		B
Conversion Equipment								
Hot Water Boiler	100%	0-2	\$3,700	2044	* *	1	\$600	B
			<i>Obsolete Equipment, Extent : Moderate, Area Affected : 100%</i>					
			<i>Location : Basement</i>					
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Basement</i>					
			<i>Explanation : 1 Unit</i>					
Terminal Devices								
Air Handler	100%			2024	\$8,800	1	\$800	B
Air Conditioning								
Energy Source								
Electricity	100%			2032	* *	1		B
Conversion Equipment								
Int Pkg Unit - Heating/Cooling	100%			2025	* *	2	\$100	B
			<i>R-22 Refrigerant, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Basement</i>					
Terminal Devices								
Air Handler/Cool/Ht	100%			2029	* *	1	\$800	B
Heat Rejection								
Remote Air Cond	100%			2024	\$9,700	2	\$900	B
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$1,200	B
Exhaust Fans								
Interior	100%			2024	\$1,800	2		B
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2034	* *	1		B
Water Heater								
Gas Fired	100%			2022	\$400	2		B
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		B
Sump Pump(s)								
Submersible	100%			2015	\$6,700	4	\$2,000	B
Fixtures								
Generic	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.

Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : HISTORIC RICHMOND TOWN SCHWIEBERT HOUSE
Address : 441 CLARKE AVENUE
Borough : STATEN ISLAND **Agency's Number** : N/A
Program / Asset # : DCA0021.260 / 2384 **Yr Built/Renovated** : 1909 /
Area Sq Ft : 3,736 **Project Type** : CULTURAL AFFAIRS
Date of Survey : 14-May-2013 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1,2
Block : 4441 **Lot** : 1 **BIN** : 5121933

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$71,000	
Total	\$71,000	
Priority A	\$71,000	
Total	\$71,000	

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$52,900			
Interior Architecture	\$10,800		\$200	
Electrical	\$6,800			
Mechanical	\$900	\$300	\$200	\$200
Total	\$71,400	\$300	\$400	\$300
Priority A	\$52,900			
Priority B	\$13,100	\$300	\$200	\$300
Priority C	\$5,400		\$200	
Total	\$71,400	\$300	\$400	\$300



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

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
HISTORIC RICHMOND TOWN SCHWIEBERT HOUSE

Asset # : 2384

Architecture	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	85%	0-2	\$8,800	LIFE	**	5	\$5,300	A
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Masonry: Fieldstone	5%			LIFE	**	5	\$500	A
Wood	10%	Now	\$5,000	2029	**	5	\$1,600	A
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : South Facade</i>								
<i>Split/Cracked, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : South Facade</i>								
Windows								
Wood	100%	Now	\$71,000	2049	**	5	\$8,500	A
<i>Air Infiltration, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Thermally Inefficient, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Split/Cracked, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
Parapets								
Wood Cornice	100%	Now	\$18,400	2034	**	5	\$4,500	A
<i>Paint Peeling, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Split/Cracked, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
Roof								
Metal Panel	10%	Now	\$2,200	2029	**			A
<i>Gut/DS Non Func/Miss, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Porch</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Porch</i>								
Slate	90%	Now	\$18,300	LIFE	**			A
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Main Roof</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : East Wall Of Second Floor</i>								
Interior								
Floors								
Carpet	2%			2020	\$500	3	\$200	C
Cast in Place Concrete	23%			LIFE	**	5	\$4,000	C
Ceramic Tile	5%			2027	**	5	\$200	C
Quarry Tile	5%			2029	**	5	\$300	C
Wood	65%			2039	**	5	\$4,800	C

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

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
HISTORIC RICHMOND TOWN SCHWIEBERT HOUSE

Asset # : 2384

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
Interior Walls								
Ceramic Tile	5%			2027	**	5	\$200	C
Masonry: Brick	10%			LIFE	**	10	\$100	C
Plaster	75%			LIFE	**	5-10	\$2,500	C
Wood	10%			LIFE	**	5	\$3,200	C
Ceilings								
AcousTileConcealSpLn	10%			2029	**	5	\$500	B
Plaster	85%			LIFE	**	5-10	\$5,800	B
				<i>Cracking/Crumbling, Extent : Light, Area Affected : 5%</i>				
				<i>Location : Second Floor Office East Wall</i>				
				<i>Water Penetration, Extent : Light, Area Affected : 5%</i>				
				<i>Location : Second Floor Office East Wall</i>				
Wood	5%			LIFE	**	5	\$3,500	B

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
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%			2024	\$1,600	5		B
				<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>				
				<i>Location : Basement Work Shop</i>				
				<i>Explanation : One 100 Amps Main Disconnect Switch</i>				
Raceway								
Conduit	100%			2024	\$5,800	1		B
Panelboards								
Fused Toggle Switch	10%	2-4	\$1,100	2049	**	5		B
				<i>Obsolete Equipment, Extent : Moderate, Area Affected : 10%</i>				
				<i>Location : Basement</i>				
				<i>On Extended Life, Extent : Moderate, Area Affected : 100%</i>				
				<i>Location : Throughout</i>				
Molded Case Bkrs	90%			2023	\$10,100	5	\$100	B
Wiring								
Braided Cloth	70%	2-4	\$3,800	2049	**	1		B
				<i>Insulation Aged, Extent : Moderate, Area Affected : 100%</i>				
				<i>Location : Throughout</i>				
Thermoplastic	30%			2024	\$1,600	1		B
Motor Controllers								
Locally Mounted	100%			2022	\$5,200	5		B
Ground								
Grounding Devices								
Generic	100%	2-4	\$900	LIFE	**	5		B
				<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>				
				<i>Location : Basement</i>				
				<i>Explanation : Corroded</i>				

Lighting

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

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
HISTORIC RICHMOND TOWN SCHWIEBERT HOUSE

Asset # : 2384

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

Lighting

Interior Lighting								
Fluorescent	40%			2019	\$6,300	10	\$1,000	B
Incandescent	60%			2019	\$9,400	2		B
Exterior Lighting								
Incandescent	100%			2019	\$1,800	2		B

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

Heating

Energy Source								
Natural Gas	100%			2034	**	1		B
Conversion Equipment								
Hot Water Boiler	100%			2029	**	1	\$1,300	B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : 1 Unit</i>								

Distribution								
Hot Wtr Piping/Pump	100%			2032	**	4	\$200	B
Terminal Devices								
Convactor/Radiator	100%			2029	**	1	\$900	B

Air Conditioning

Energy Source								
Electricity	100%			2032	**	1		B
Conversion Equipment								
Window/Wall Unit	40%			2019	\$2,500	1		B
No Component	60%							D

Plumbing

H/C Water Piping								
Galv Iron/Steel	100%			2029	**	1		B
Water Heater								
Gas Fired	100%			2022	\$700	2		B
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		B
Sump Pump(s)								
Rigid Piping	100%			2019	\$10,300	4	\$2,000	B
Fixtures								
Generic	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.*

Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : HISTORIC RICHMOND TOWN SEAMAN COTTAGE
Address : 441 CLARKE AVENUE
Borough : STATEN ISLAND **Agency's Number** : N/A
Program / Asset # : DCA0021.400 / 14347 **Yr Built/Renovated** : 1836 / 2005
Area Sq Ft : 1,200 **Project Type** : CULTURAL AFFAIRS
Date of Survey : 16-May-2013 **Landmark Status** : EXTERIOR LANDMARK
Areas Surveyed : Basement, Roof, Floors 1,2
Block : 4441 **Lot** : 1 **BIN** : 5121947

CAPITAL

Total

Priority

Total

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$6,800		\$400	
Interior Architecture	\$4,500			
Electrical				
Total	\$11,300		\$400	
Priority A	\$6,800		\$400	
Priority B	\$2,700			
Priority C	\$1,900			
Total	\$11,300		\$400	



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

**DEPARTMENT OF CULTURAL AFFAIRS - 126
HISTORIC RICHMOND TOWN SEAMAN COTTAGE**

Asset # : 14347

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost		
Exterior									
Exterior Walls									
Concrete Masonry Unit	20%			LIFE	**	5	\$400	A	
Wood	80%			2029	**	5	\$7,100	A	
<i>Split/Cracked, Extent : Light, Area Affected : 10%</i>									
<i>Location : Various Locations Throughout</i>									
Windows									
Wood	100%	Now	\$6,500	2040	**	5	\$2,400	A	
<i>Air Infiltration, Extent : Moderate, Area Affected : 40%</i>									
<i>Location : Throughout</i>									
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 15%</i>									
<i>Location : Various Locations Throughout</i>									
<i>Glazing Broken/Cracked, Extent : Moderate, Area Affected : 30%</i>									
<i>Location : Throughout</i>									
<i>Split/Cracked, Extent : Moderate, Area Affected : 30%</i>									
<i>Location : Exterior Frames</i>									
Roof									
Asphalt Shingle	100%			2027	**	10	\$400	A	
Interior									
Floors									
Cast in Place Concrete	20%			LIFE	**	5	\$1,100	C	
Wood	80%			2039	**	5	\$1,900	C	
Interior Walls									
Gypsum Board	90%			LIFE	**	5-10	\$2,000	C	
Plaster	10%			LIFE	**	5-10	\$100	C	
Ceilings									
Gypsum Board	90%			LIFE	**	5-10	\$3,900	B	
Plaster	10%			LIFE	**	5-10	\$200	B	
Electrical									
System Component Type		% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts									
Service Equipment									
Not Accessible		100%							D
<i>Other Observation, Extent : Light, Area Affected : 0%</i>									
<i>Location : Throughout</i>									
<i>Explanation : Although The Building Has An Electrical System - There Is No Con Ed Service Connection</i>									
Raceway									
Conduit		100%			2034	**	1		B
Panelboards									
Molded Case Bkrs		100%			2032	**	5		B
Wiring									
Thermoplastic		100%			2034	**	1		B
Ground									
Grounding Devices									
Not Accessible		100%							D

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

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

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

**DEPARTMENT OF CULTURAL AFFAIRS - 126
HISTORIC RICHMOND TOWN SEAMAN COTTAGE**

Asset # : 14347

Electrical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Lighting								
Interior Lighting								
Incandescent	100%			2024	\$5,400	2		B
Exterior Lighting								
Incandescent	100%			2024	\$600	2		B

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

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

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

Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : HISTORIC RICHMOND TOWN STEPHENS-BLACK HOUSE/GEN. STORE
Address : 441 CLARKE AVENUE
Borough : STATEN ISLAND **Agency's Number** : N/A
Program / Asset # : DCA0021.300 / 2385 **Yr Built/Renovated** : 1837 / 1839
Area Sq Ft : 4,795 **Project Type** : CULTURAL AFFAIRS
Date of Survey : 14-May-2013 **Landmark Status** : EXTERIOR LANDMARK
Areas Surveyed : Basement, Roof, Floors 1,2
Block : 4441 **Lot** : 1 **BIN** : 5121941

CAPITAL

Total

Priority

Total

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$7,600			
Interior Architecture	\$35,300			
Electrical	\$100		\$100	
Mechanical	\$1,300	\$200	\$400	\$200
Total	\$44,200	\$200	\$500	\$200
Priority A	\$7,600			
Priority B	\$10,300	\$200	\$500	\$200
Priority C	\$26,300			
Total	\$44,200	\$200	\$500	\$200



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

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
HISTORIC RICHMOND TOWN STEPHENS-BLACK HOUSE/GEN. STORE

Asset # : 2385

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	25%	Now	\$3,200	LIFE	**	5	\$1,800	A
<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 : Throughout</i>								
Wood	75%			2029	**	5	\$26,500	A
Windows								
Wood	100%	Now	\$4,400	2032	**	5	\$9,700	A
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Various Locations Throughout</i>								
<i>Glazing Broken/Cracked, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Various Locations Throughout</i>								
Roof								
Copper/Terne	100%			2039	**	10	\$22,700	A
Interior								
Floors								
Vinyl Tile	5%	Now	\$2,600	2034	**	3	\$100	C
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Basement</i>								
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Basement</i>								
Wood	95%	0-2	\$11,100	2039	**	5	\$4,500	C
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Stairs To Basement</i>								
Interior Walls								
Plaster	75%	Now	\$7,600	LIFE	**	5	\$1,100	C
<i>Cracking/Crumbling, Extent : Light, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Wood	25%			LIFE	**	5	\$10,200	C
Ceilings								
Exposed Struc: Wood	25%			LIFE	**	10	\$1,900	B
Plaster	75%	Now	\$7,100	LIFE	**	5	\$2,400	B
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Second Floor</i>								
<i>Paint Peeling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Second Floor</i>								

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

Under 600 Volts

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

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
HISTORIC RICHMOND TOWN STEPHENS-BLACK HOUSE/GEN. STORE

Asset # : 2385

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
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%			2034	**	5	\$100	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : One 100 Amps Main Disconnect Switch</i>								
Raceway								
Conduit	100%			2034	**	1		B
Panelboards								
Fused Disc Sw	5%			2032	**	5		B
Molded Case Bkrs	95%			2032	**	5	\$100	B
Wiring								
Thermoplastic	100%			2034	**	1		B
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$100	B
Lighting								
Interior Lighting								
Incandescent	100%			2024	\$21,700	2	\$100	B
Exterior Lighting								
Incandescent	100%			2024	\$2,500	2		B
Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Natural Gas	100%			2034	**	1		B
Conversion Equipment								
Furnace	100%			2029	**	1	\$1,700	B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : 1 Unit</i>								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$3,000	B
Plumbing								
H/C Water Piping								
Galv Iron/Steel	10%			2029	**	1		B
No Component	90%							D

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

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

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

Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : HISTORIC RICHMOND TOWN THIRD COUNTY COURTHOUSE
Address : 441 CLARKE AVENUE
Borough : STATEN ISLAND **Agency's Number** : N/A
Program / Asset # : DCA0021.010 / 2379 **Yr Built/Renovated** : 1837 / 1990
Area Sq Ft : 7,447 **Project Type** : CULTURAL AFFAIRS
Date of Survey : 14-May-2013 **Landmark Status** : EXTERIOR LANDMARK
Areas Surveyed : Basement, Roof, Floors 1,2
Block : 4441 **Lot** : 1 **BIN** : 5121946

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$87,400	
Mechanical		\$61,300
Total	\$87,400	\$61,300
Priority A	\$87,400	
Priority B		\$61,300
Total	\$87,400	\$61,300

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$85,300			
Interior Architecture	\$69,400			\$2,000
Electrical	\$7,400	\$100		
Mechanical	\$700	\$1,400	\$700	\$800
Total	\$162,800	\$1,400	\$800	\$2,800
Priority A	\$85,300			
Priority B	\$22,700	\$1,400	\$800	\$800
Priority C	\$54,800			\$2,000
Total	\$162,800	\$1,400	\$800	\$2,800



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

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
HISTORIC RICHMOND TOWN THIRD COUNTY COURTHOUSE

Asset # : 2379

Architecture	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	70%	Now	\$83,400	LIFE	**	5	\$7,700	A
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Various Locations Throughout</i>								
<i>Paint Peeling, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Various Locations Throughout</i>								
<i>Spalling, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Various Locations Throughout</i>								
Masonry: Brick	5%	Now	\$4,000	LIFE	**	5	\$600	A
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Chimney & Throughout</i>								
<i>Water Penetration, Extent : Light, Area Affected : 10%</i>								
<i>Location : Chimney</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Chimney & Throughout</i>								
Masonry: Brownstone	20%	Now	\$25,800	LIFE	**	5	\$1,600	A
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : North Facade</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : North Facade</i>								
Wood	5%	Now	\$4,700	2029	**	5	\$1,400	A
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Various Locations Throughout</i>								
Windows								
Wood	100%	Now	\$27,200	2032	**	5	\$15,000	A
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Frames</i>								
<i>Glazing Broken/Cracked, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Various Locations Throughout</i>								
<i>Split/Cracked, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Frames</i>								
Parapets								
Wood Cornice	100%	Now	\$18,800	2034	**	5	\$8,600	A
<i>Paint Peeling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Split/Cracked, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
Roof								
Copper/Terne	100%	Now	\$8,700	2039	**			A
<i>Water Penetration, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Over Main Hall On Second Floor</i>								

Interior

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

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
HISTORIC RICHMOND TOWN THIRD COUNTY COURTHOUSE

Asset # : 2379

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
Floors								
Carpet	50%	4+	\$25,200	2026	**	3	\$5,900	C
<i>Staining/Discoloring, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Wrinkling, Extent : Light, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
Cast in Place Concrete	5%			LIFE	**	5	\$1,700	C
Wood	45%	4+	\$24,400	2039	**	5	\$3,300	C
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : First And Second Floor Public Space</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : First And Second Floor Public Space</i>								
Interior Walls								
Plaster	100%			LIFE	**	5-10	\$6,700	C
<i>Paint Peeling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Various Locations Throughout</i>								
Ceilings								
Plaster	100%	Now	\$14,600	LIFE	**	5	\$5,000	B
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Second Floor Main Hall, Basement</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Second Floor Main Hall</i>								

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
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%			2050	**	5	\$200	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : One 200 Amps Main Disconnect Switch</i>								
Raceway								
Conduit	100%			2024		1	\$6,300	B
Panelboards								
Fused Toggle Switch	30%	2-4	\$3,600	2049	**	5		B
<i>On Extended Life, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : 1st Floor</i>								
Molded Case Bkrs	70%			2046	**	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.

DEPARTMENT OF CULTURAL AFFAIRS - 126
HISTORIC RICHMOND TOWN THIRD COUNTY COURTHOUSE

Asset # : 2379

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Wiring								
Braided Cloth	60%	2-4	\$3,500	2049	**	1		B
<i>Insulation Aged, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Thermoplastic	10%			2050	**	1		B
Thermoplastic	30%			2024	\$1,800	1		B
Motor Controllers								
Locally Mounted	100%			2022	\$5,600	5		B
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$200	B
Lighting								
Interior Lighting								
Incandescent	100%			2019	\$33,800	2	\$100	B
Exterior Lighting								
Incandescent	100%			2019	\$3,900	2		B
Lightning Protection								
Arresters/Cabling								
Generic	100%			2039	**	5	\$100	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Roof</i>								
<i>Explanation : Copper</i>								

Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Natural Gas	100%			2044	**	1		B
Conversion Equipment								
Steam Boiler	100%			2037	**	1	\$5,300	B
Distribution								
Steam Piping/Pump	100%			2034	**	4	\$300	B
Terminal Devices								
Convactor/Radiator	100%			2022	\$61,300	1	\$1,700	B
Air Conditioning								
Energy Source								
Electricity	100%			2032	**	1		B
Conversion Equipment								
Window/Wall Unit	5%			2019	\$700	1		B
No Component	95%							D
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2022	\$19,400	1		B
Water Heater								
Gas Fired	100%			2019	\$1,500	2	\$100	B

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

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
HISTORIC RICHMOND TOWN THIRD COUNTY COURTHOUSE

Asset # : 2379

Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Plumbing								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		B
Sump Pump(s)								
Rigid Piping	100%			2024	\$11,100	4	\$2,000	B
Fixtures								
Generic	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.*

Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : HISTORIC RICHMOND TOWN TRACKLESS TROLLEY BARN
Address : 721 ARTHUR KILL ROAD @CORTELYOU AVE
Borough : STATEN ISLAND **Agency's Number** : N/A
Program / Asset # : DCA0021.380 / 2387 **Yr Built/Renovated** : 1910 /
Area Sq Ft : 8,261 **Project Type** : CULTURAL AFFAIRS
Date of Survey : 17-May-2013 **Landmark Status** : EXTERIOR LANDMARK
Areas Surveyed : Floors X
Block : 5570 **Lot** : 1 **BIN** : 5141709

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$996,700	\$36,600
Total	\$996,700	\$36,600
Priority A	\$996,700	\$36,600
Total	\$996,700	\$36,600

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$25,800			
Total	\$25,800			
Priority A	\$25,800			
Total	\$25,800			



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

DEPARTMENT OF CULTURAL AFFAIRS - 126
HISTORIC RICHMOND TOWN TRACKLESS TROLLEY BARN

Asset # : 2387

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Wood	100%	Now	\$996,700	2044	**	5	\$36,600	A
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Abandoned, Extensive Damage After Superstorm Sandy</i>								
Windows								
Wood	100%	Now	\$25,800	2049	**	5	\$3,800	A
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Abandoned, Extensive Damage After Sandy</i>								
Roof								
Not Accessible	100%							D
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Two Levels Of Roofs - Both Appear To Be In Poor Condition With Open Hole Evident</i>								
Interior								
Floors								
Not Accessible	100%							D
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Extensive Damage Suspected</i>								
Interior Walls								
Not Accessible	100%							D
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Extensive Damage Suspected</i>								
Ceilings								
Not Accessible	100%							D
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Extensive Damage Suspected</i>								

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Service Equipment								
Not Accessible	100%							D
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Vacant Building Is Closed And No Access Is Permitted</i>								
Transformers								
Not Accessible	100%							D
Switchgear / Switchboard								
Not Accessible	100%							D

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

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
HISTORIC RICHMOND TOWN TRACKLESS TROLLEY BARN

Asset # : 2387

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Raceway								
Not Accessible	100%							D
Panelboards								
Not Accessible	100%							D
Wiring								
Not Accessible	100%							D
Motor Controllers								
Not Accessible	100%							D
Ground								
Grounding Devices								
Not Accessible	100%							D
Lighting								
Interior Lighting								
Not Accessible	100%							D
Egress Lighting								
Not Accessible	100%							D

Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Not Accessible	100%							D
			<i>Other Observation, Extent : Light, Area Affected : 0%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Long Vacant Building Damaged By Hurricane Sandy - Boarded Up And Fenced In - No Access</i>					
Conversion Equipment								
Not Accessible	100%							D
Distribution								
Not Accessible	100%							D
Terminal Devices								
Not Accessible	100%							D
Ventilation								
Distribution								
Not Accessible	100%							D
Exhaust Fans								
Not Accessible	100%							D
Plumbing								
H/C Water Piping								
Not Accessible	100%							D
Water Heater								
Not Accessible	100%							D
HW Heat Exchanger								
Not Accessible	100%							D
Sanitary Piping								
Not Accessible	100%							D

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

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

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

**DEPARTMENT OF CULTURAL AFFAIRS - 126
HISTORIC RICHMOND TOWN TRACKLESS TROLLEY BARN**

Asset # : 2387

Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Plumbing								
Sump Pump(s)								
Not Accessible	100%							D
Backflow Preventer								
Not Accessible	100%							D
Fixtures								
Not Accessible	100%							D

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

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

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

Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : HISTORIC RICHMOND TOWN TREASURE HOUSE
Address : 441 CLARKE AVENUE
Borough : STATEN ISLAND **Agency's Number** : N/A
Program / Asset # : DCA0021.140 / 1598 **Yr Built/Renovated** : 1700 / 1860
Area Sq Ft : 3,960 **Project Type** : CULTURAL AFFAIRS
Date of Survey : 16-May-2013 **Landmark Status** : EXTERIOR LANDMARK
Areas Surveyed : Basement, Roof, Floors 1
Block : 4441 **Lot** : 1 **BIN** : 5121939

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$57,000	
Interior Architecture	\$39,700	
Total	\$96,700	
Priority A	\$57,000	
Priority C	\$39,700	
Total	\$96,700	

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$600		\$1,400	
Interior Architecture	\$105,300			
Total	\$106,000		\$1,400	
Priority A	\$600		\$1,400	
Priority B	\$50,900			
Priority C	\$54,400			
Total	\$106,000		\$1,400	



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

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
HISTORIC RICHMOND TOWN TREASURE HOUSE

Asset # : 1598

Architecture	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	5%			LIFE	**	5	\$200	A
Masonry: Fieldstone	45%			LIFE	**	5	\$1,100	A
Wood	50%			2029	**	5	\$4,100	A
Windows								
Wood	100%	2-4	\$57,000	2049	**	5	\$6,300	A
<i>Air Infiltration, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
Roof								
Wood Shingles	100%			2027	**	10	\$1,400	A
Interior								
Floors								
Wood	100%	Now	\$32,900	2052	**	5	\$2,700	C
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 70%</i>								
<i>Location : Throughout</i>								
<i>Loose/Miss Fasteners, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Split/Cracked, Extent : Severe, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : No Longer In Use</i>								
Interior Walls								
Plaster	75%	Now	\$39,700	LIFE	**	5	\$600	C
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
Wood	25%	Now	\$21,500	LIFE	**	5	\$2,700	C
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Deteriorated Finish, Extent : Severe, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
<i>Split/Cracked, Extent : Severe, Area Affected : 40%</i>								
<i>Location : Throughout</i>								

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

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

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

**DEPARTMENT OF CULTURAL AFFAIRS - 126
HISTORIC RICHMOND TOWN TREASURE HOUSE**

Asset # : 1598

Architecture	Current Repair		Future Replacement		Maintenance			
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Interior								
Ceilings								
Exposed Struc: Wood	25%	Now	\$20,100	LIFE	**			B
	<i>Insect/Bird Damage, Extent : Moderate, Area Affected : 30%</i>							
	<i>Location : Basement</i>							
	<i>Split/Cracked, Extent : Moderate, Area Affected : 40%</i>							
	<i>Location : Attic</i>							
Plaster	75%	Now	\$30,800	LIFE	**	5	\$1,000	B
	<i>Broken/Missing Elements, Extent : Severe, Area Affected : 25%</i>							
	<i>Location : Throughout</i>							
	<i>Cracking/Crumbling, Extent : Severe, Area Affected : 25%</i>							
	<i>Location : Throughout</i>							
	<i>Punct/Tear/Impact Damage, Extent : Severe, Area Affected : 50%</i>							
	<i>Location : Throughout</i>							

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

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

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

Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : HISTORIC RICHMOND TOWN VOORLEZER'S HOUSE
Address : 441 CLARKE AVENUE
Borough : STATEN ISLAND **Agency's Number** : N/A
Program / Asset # : DCA0021.100 / 1595 **Yr Built/Renovated** : 1695 /
Area Sq Ft : 2,540 **Project Type** : CULTURAL AFFAIRS
Date of Survey : 16-May-2013 **Landmark Status** : EXTERIOR LANDMARK
Areas Surveyed : Basement, Roof, Floors 1,2,ATC
Block : 4441 **Lot** : 1 **BIN** : 5121939

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$46,400	
Total	\$46,400	
Priority A	\$46,400	
Total	\$46,400	

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$56,400			
Interior Architecture	\$42,900			
Electrical	\$38,500			
Mechanical	\$3,300	\$100	\$200	\$100
Total	\$141,100	\$100	\$200	\$100
Priority A	\$56,400			
Priority B	\$45,900	\$100	\$200	\$100
Priority C	\$38,800			
Total	\$141,100	\$100	\$200	\$100



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

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
HISTORIC RICHMOND TOWN VOORLEZER'S HOUSE

Asset # : 1595

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	3%	Now	\$1,200	LIFE	**	5	\$100	A
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Chimney</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Chimney</i>								
Masonry: Fieldstone	10%			LIFE	**	5	\$600	A
Wood	87%	Now	\$28,200	2029	**	5	\$8,200	A
<i>Dry Rot/Decay, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Paint Peeling, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Various Locations Throughout</i>								
Windows								
Wood	100%	2-4	\$46,400	2049	**	5	\$5,100	A
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 75%</i>								
<i>Location : Throughout</i>								
<i>Split/Cracked, Extent : Moderate, Area Affected : 60%</i>								
<i>Location : Throughout</i>								
Roof								
Wood Shingles	100%	Now	\$26,700	2033	**			A
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Light, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Interior								
Floors								
Wood	100%	Now	\$30,800	2039	**	5	\$2,500	C
<i>Deflection Evident, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Second Floor</i>								
<i>Split/Cracked, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Second Floor</i>								
<i>Explanation : Second Floor Is Sagging And Is No Longer In Use For Public Tours.</i>								
Interior Walls								
Masonry: Brick	3%			LIFE	**	10		C
Plaster	27%			LIFE	**	5-10	\$600	C
Wood	70%			LIFE	**	5	\$15,100	C
Ceilings								
Exposed Struc: Wood	100%			LIFE	**	10	\$4,100	B
Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								

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

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
HISTORIC RICHMOND TOWN VOORLEZER'S HOUSE

Asset # : 1595

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
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%	Now	\$1,700	2054	**	5		B
<i>Not in Service, Extent : Severe, Area Affected : 30%</i>								
<i>Location : Basement</i>								
<i>Suspect Water Damage, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Basement Flooded From Hurricane Sandy</i>								
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : One 100 Amps Main Disconnect Switch</i>								
Raceway								
Conduit	100%	Now	\$6,300	2054	**	1		B
<i>Damaged, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Basement</i>								
Panelboards								
Molded Case Bkrs	100%	Now	\$12,100	2049	**	5		B
<i>Suspect Water Damage, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 70%</i>								
<i>Location : Basement Only</i>								
<i>Explanation : Electrical Components Only In The Basement - No Electrical Components At 1st & 2nd Floors</i>								
Wiring								
Thermoplastic	100%	Now	\$5,900	2054	**	1		B
<i>Suspect Water Damage, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Basement</i>								
Ground								
Grounding Devices								
Generic	100%	Now	\$1,000	LIFE	**	5		B
<i>Other Observation, Extent : Severe, Area Affected : 30%</i>								
<i>Location : Basement</i>								
<i>Explanation : Damaged By Water Flooding</i>								
Lighting								
Interior Lighting								
Incandescent	100%	Now	\$11,500	2034	**	2		B
<i>Other Observation, Extent : Severe, Area Affected : 30%</i>								
<i>Location : Basement</i>								
<i>Explanation : Damaged From Water Flooding</i>								

Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Natural Gas	100%			2050	**	1		B

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

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

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

**DEPARTMENT OF CULTURAL AFFAIRS - 126
HISTORIC RICHMOND TOWN VOORLEZER'S HOUSE**

Asset # : 1595

Mechanical	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Conversion Equipment								
Furnace	100%	Now	\$2,700	2034	* *	1	\$800	B
<i>Not in Service, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Basement - Destroyed By Hurricane Sandy Flooding</i>								
<hr/>								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$1,600	B
<hr/>								
Plumbing								
H/C Water Piping								
Brass/Copper	10%			2050	* *	1		B
No Component	90%							D
<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 : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : JAMAICA CTR. FOR ARTS & LEARNING FORMER REGISTER BLDG.
 Address : 161-04 JAMAICA AVENUE
 Borough : QUEENS Agency's Number : N/A
 Program / Asset # : DCA0035.000 / 3004 Yr Built/Renovated : 1898 / 2005
 Area Sq Ft : 38,977 Project Type : CULTURAL AFFAIRS
 Date of Survey : 12-Mar-2009 Landmark Status : EXTERIOR LANDMARK
 Areas Surveyed : Basement, Roof, Floors 1,3,4,5
 Block : 10101 Lot : 11 BIN : 4215617

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$345,300	\$310,400
Interior Architecture	\$61,700	\$187,800
Electrical	\$21,700	
Mechanical	\$48,300	\$42,200
Total	\$477,000	\$540,400
Priority A	\$345,300	\$310,400
Priority B	\$69,900	\$42,200
Priority C	\$61,700	\$187,800
Total	\$477,000	\$540,400

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$39,700	\$11,300		\$5,300
Interior Architecture	\$56,900	\$6,600		\$12,100
Electrical	\$38,400	\$300		\$6,800
Mechanical	\$4,800	\$5,400	\$5,900	\$4,600
Elevators/Escalators	\$14,800	\$14,800	\$14,800	\$14,800
Total	\$154,500	\$38,300	\$20,700	\$43,600
Priority A	\$39,700	\$11,300		\$5,300
Priority B	\$69,400	\$20,500	\$20,700	\$26,200
Priority C	\$45,400	\$6,600		\$12,100
Total	\$154,500	\$38,300	\$20,700	\$43,600



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

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
JAMAICA CTR. FOR ARTS & LEARNING FORMER REGISTER BLDG.

Asset # : 3004

Architecture	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	70%	Now	\$180,200	LIFE	**	5	\$49,800	A
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : South Facade</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : South Facade, Fifth Floor Stair, Third Floor North Side</i>								
Masonry: Granite	2%			LIFE	**	5	\$1,100	A
Masonry: Limestone	25%			LIFE	**	5	\$13,400	A
Metal Panel	3%			2040	**	5-10	\$14,700	A
Windows								
Metal Clad	25%			2019	\$120,000	5	\$11,700	A
Steel	35%	0-2	\$165,200	2045	**	5	\$16,400	A
<i>Corrosion/Rusting, Extent : Light, Area Affected : 35%</i>								
<i>Location : Throughout</i>								
<i>Thermally Inefficient, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Caulking Deteriorated, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Unit Inoperable, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
Wood	30%			2036	**	5	\$22,500	A
Wood	10%	0-2	\$25,300	2045	**	5	\$3,800	A
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : North Facade</i>								
<i>Thermally Inefficient, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : North Facade</i>								
<i>Split/Cracked, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : North Facade</i>								
Parapets								
Masonry: Brick	60%			LIFE	**	5	\$2,200	A
Masonry: Limestone	10%			LIFE	**	5	\$500	A
Masonry: Limestone	10%			LIFE	**	5	\$500	A
Metal Rail	20%			2033	**	5-10	\$13,400	A
Roof								
Modified Bitumen	35%	Now	\$10,400	2020	\$51,800			A
<i>Miss/Damaged Flashings, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Over Third Floor</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Over Third Floor</i>								
Modified Bitumen	60%			2020	\$88,800	10	\$11,400	A
Skylight, Metal/Glass	5%			2040	**	10	\$3,200	A
Interior								

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
JAMAICA CTR. FOR ARTS & LEARNING FORMER REGISTER BLDG.

Asset # : 3004

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
Floors								
Carpet	20%			2019	\$60,700	3	\$14,300	C
Cast in Place Concrete	5%	Now	\$7,800	LIFE	**	5	\$5,200	C
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Basement</i>								
Ceramic Tile	13%			2023	\$147,800	5	\$6,200	C
Mosaic Tile	5%			2025	**	5	\$6,000	C
Marble Panels	2%	Now	\$61,700	LIFE	**	5	\$700	C
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Stair To Basement</i>								
<i>Loose Units, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Stair To Basement</i>								
Sheet Vinyl/Rubber	5%			2020	\$39,900	5	\$3,600	C
Vinyl Tile	30%			2025	**	3	\$5,400	C
Wood	20%			2048	**	5	\$17,900	C
Interior Walls								
Gypsum Board	30%			LIFE	**	5	\$10,000	C
Metal Panel	5%			LIFE	**			C
Plaster	60%	Now	\$32,800	LIFE	**	5	\$10,000	C
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Third Floor</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Basement, 5th Floor, Third Floor</i>								
Plaster	5%			LIFE	**	5	\$800	C
Ceilings								
Gypsum Board	30%			LIFE	**	5	\$17,900	B
Plaster	65%	Now	\$11,500	LIFE	**	5	\$19,400	B
<i>Loose/Delam Surface, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : At Stairs</i>								
<i>Paint Peeling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : At Stairs</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Third Floor, Stair</i>								
Plaster	5%			LIFE	**	5	\$1,500	B

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

Under 600 Volts

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

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
JAMAICA CTR. FOR ARTS & LEARNING FORMER REGISTER BLDG.

Asset # : 3004

Electrical	Current Repair			Future Replacement		Maintenance		Priority Code
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%			2020	\$8,600	5	\$100	B
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Electrical Room</i>							
	<i>Explanation : Main Service Rated @ 800 A.</i>							
Fused Disc Sw	50%			2040	**	5	\$100	B
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Electrical Room</i>							
	<i>Explanation : Main Service Rated @ 600 Amperes</i>							
Switchgear / Switchboard								
Fused Disc Sw	40%			2020	\$8,500	5	\$100	B
Fused Disc Sw	30%			2040	**	5		B
Molded Case Bkrs	30%			2040	**	5	\$300	B
Raceway								
Conduit	70%			2020	\$16,300	1		B
Conduit	30%			2040	**	1		B
Panelboards								
Fused Disc Sw	5%			2036	**	5		B
Fused Disc Sw	10%			2019	\$1,800	5	\$100	B
Fused Knife Sw	5%	2-4	\$900	2045	**	5		B
	<i>Obsolete Equipment, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Upper Floors</i>							
Fused Toggle Switch	10%	2-4	\$1,800	2045	**	5		B
	<i>On Extended Life, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Upper Floors</i>							
Molded Case Bkrs	50%			2036	**	5	\$400	B
Molded Case Bkrs	20%			2019	\$3,600	5	\$200	B
Wiring								
Braided Cloth	50%	2-4	\$8,100	2045	**	1		B
	<i>Insulation Aged, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Throughout The Building</i>							
Thermoplastic	50%			2040	**	1		B
Motor Controllers								
Locally Mounted	70%			2033	**	5	\$200	B
Locally Mounted	30%			2018	\$6,700	5	\$100	B
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$500	B
Lighting								

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

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
JAMAICA CTR. FOR ARTS & LEARNING FORMER REGISTER BLDG.

Asset # : 3004

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Lighting								
Interior Lighting								
Fluorescent	65%			2025	* *	10	\$19,000	B
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Throughout The Building</i>						
		<i>Explanation : T12 Lamps</i>						
Fluorescent	15%			2015	\$21,700	10	\$4,400	B
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Basement</i>						
		<i>Explanation : T12 Lamps</i>						
Incandescent	20%			2020	\$28,900	2	\$100	B
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Galleries , Upper Floors</i>						
		<i>Explanation : Track Lights</i>						
Egress Lighting								
Emergency, Battery	50%			2025	* *	10	\$3,900	B
Exit, Service	50%			2025	* *	1		B

Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Natural Gas	100%			2040	* *	1		B
Conversion Equipment								
Steam Boiler	100%			2033	* *	1	\$31,600	B
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Basement</i>						
		<i>Explanation : 1 Unit</i>						
Distribution								
Steam Piping/Pump	100%			2040	* *	4	\$2,400	B
Terminal Devices								
Air Handler	20%			2020	\$42,200	1	\$4,000	B
Convactor/Radiator	80%			2025	* *	1	\$8,300	B
Air Conditioning								
Energy Source								
Electricity	100%			2036	* *	1		B
Conversion Equipment								
Int Pkg Unit - Cooling	5%			2021	\$25,200	2	\$100	B
Ext Pkg Unit - Cooling	15%			2025	* *	2	\$300	B
Window/Wall Unit	60%			2018	\$48,300	1		B
No Component	20%							D
Terminal Devices								
Direct Expansion	20%			2025	* *	1		B
No Component	80%							D

Ventilation

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

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
JAMAICA CTR. FOR ARTS & LEARNING FORMER REGISTER BLDG.

Asset # : 3004

Mechanical	Current Repair		Future Replacement		Maintenance		Priority Code	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)		Estimated Cost
Ventilation								
Distribution								
Ductwork/Diffusers	20%			LIFE	**	2-5	\$3,600	B
No Component	80%							D
Exhaust Fans								
Interior	20%			2020	\$8,600	2	\$200	B
No Component	80%							D
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2025	**	1		B
Water Heater								
Gas Fired	100%			2019	\$9,100	2	\$500	B
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		B
Storm Drain Piping								
Cast Iron	100%			LIFE	**	1		B
Sump Pump(s)								
Rigid Piping	100%			2025	**	4	\$1,300	B
Backflow Preventer								
Generic	100%			2025	**	1	\$2,000	B
Fixtures								
Generic	100%							B
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	**			C
<i>Other Observation, Extent : Light, Area Affected : 100%</i> <i>Location : B-5, 1-5, B-3</i> <i>Explanation : Three Units</i>								

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

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

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

Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : JAMAICA CTR. FOR ARTS & LEARNING PERFORMING ARTS CENTER
Address : 153-10 JAMAICA AVENUE
Borough : QUEENS **Agency's Number** : N/A
Program / Asset # : DCA0035.010 / 13423 **Yr Built/Renovated** : 1859 / 2006
Area Sq Ft : 30,000 **Project Type** : CULTURAL AFFAIRS
Date of Survey : 12-Mar-2009 **Landmark Status** : EXTERIOR LANDMARK
Areas Surveyed : Basement, Roof, Floors 1,2,3
Block : 10101 **Lot** : 11 **BIN** : 4215617

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Exterior Architecture		\$67,600
Interior Architecture		\$53,700
Total		\$121,300
Priority A		\$67,600
Priority B		\$53,700
Total		\$121,300

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$34,100			
Interior Architecture	\$36,200	\$3,600		
Electrical	\$500			
Mechanical	\$4,300	\$4,800	\$6,800	\$6,100
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$79,100	\$12,300	\$10,700	\$10,000
Priority A	\$34,100			
Priority B	\$11,100	\$8,800	\$10,700	\$10,000
Priority C	\$33,900	\$3,600		
Total	\$79,100	\$12,300	\$10,700	\$10,000



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

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
JAMAICA CTR. FOR ARTS & LEARNING PERFORMING ARTS CENTER
Asset # : 13423

Architecture	Current Repair		Future Replacement		Maintenance		Priority Code	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)		Estimated Cost
Exterior								
Exterior Walls								
Masonry: Brick	95%			LIFE	**	5	\$67,600	A
	<i>Recent Repair Evident, Extent : Light, Area Affected : 50%</i>							
	<i>Location : Throughout</i>							
Masonry: Brownstone	5%			LIFE	**	5	\$2,700	A
	<i>Recent Repair Evident, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Window Sills</i>							
Windows								
Aluminum	10%			2045	**	5	\$800	A
	<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>							
	<i>Location : West Facade</i>							
Wood	90%			2045	**	5	\$67,500	A
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : Stained Glass</i>							
Roof								
Copper/Terne	5%			2060	**	10	\$2,400	A
	<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>							
	<i>Location : East Side</i>							
Metal Panel	10%			2040	**	10	\$3,500	A
	<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>							
	<i>Location : South Side</i>							
Slate	85%			LIFE	**			A
	<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
Interior								
Floors								
Carpet	15%			2022	\$45,500	3	\$10,700	C
Ceramic Tile	5%			2035	**	5	\$2,400	C
	<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Restrooms</i>							
Marble Panels	5%			LIFE	**	5	\$1,800	C
	<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Lobby</i>							
Sheet Vinyl/Rubber	10%			2030	**	5	\$7,200	C
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Corridors</i>							
	<i>Explanation : Recent Replacement Evident</i>							
Wood	65%			2060	**	5	\$58,200	C
	<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							

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

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
JAMAICA CTR. FOR ARTS & LEARNING PERFORMING ARTS CENTER
Asset # : 13423

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
Interior Walls								
Gypsum Board	95%			LIFE	**	5	\$31,600	C
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Marble Panels	5%			LIFE	**			C
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Lobby</i>								
Ceilings								
AcousTileSusp.Lay-In	10%			2040	**	5	\$4,800	B
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Offices</i>								
Gypsum Board	90%			LIFE	**	5	\$53,700	B
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
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%			2050	**	5	\$100	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : Recently Installed Main Service Protector Rated @ 2000 Amperes.</i>								
Switchgear / Switchboard								
Fused Disc Sw	100%			2050	**	5	\$100	B
Raceway								
Conduit	100%			2050	**	1		B
Panelboards								
Molded Case Bkrs	100%			2045	**	5	\$700	B
Wiring								
Thermoplastic	100%			2050	**	1		B
Motor Controllers								
Locally Mounted	100%			2040	**	5	\$200	B
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$400	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : Connected To Main Water Pipe.</i>								

Lighting

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DEPARTMENT OF CULTURAL AFFAIRS - 126
JAMAICA CTR. FOR ARTS & LEARNING PERFORMING ARTS CENTER
Asset # : 13423

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Lighting								
Interior Lighting Fluorescent	75%			2030	**	10	\$16,900	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : T-8 Lamps</i>								
Incandescent	25%			2030	**	2	\$100	B
<i>Recent Installation, Extent : Light, Area Affected : 100%</i>								
<i>Location : 1st Floor</i>								
Egress Lighting								
Emergency, Battery	50%			2030	**	10	\$3,000	B
<i>Recent Installation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
Exit, LED	50%			2060	**	1		B
<i>Recent Installation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								

Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source Natural Gas	100%			2050	**	1		B
Conversion Equipment								
Hot Water Boiler	100%			2040	**	1	\$12,200	B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Boiler Room</i>								
<i>Explanation : 1 Unit</i>								
Distribution								
Hot Wtr Piping/Pump	100%			2045	**	4	\$1,200	B
Terminal Devices								
Air Handler	80%			2030	**	1	\$12,200	B
Convactor/Radiator	20%			2040	**	1	\$1,600	B
Air Conditioning								
Energy Source Electricity	100%			2045	**	1		B
Conversion Equipment								
Ext Pkg Unit - Cooling	100%			2030	**	2	\$1,500	B
Distribution								
Chilled Wtr Pipe/Pump	100%			2050	**	4	\$1,200	B
Terminal Devices								
Air Handler/Cool/Ht	100%			2030	**	1	\$15,200	B
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$13,700	B
Exhaust Fans								
Interior	100%			2030	**	2	\$800	B

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF CULTURAL AFFAIRS - 126
JAMAICA CTR. FOR ARTS & LEARNING PERFORMING ARTS CENTER
Asset # : 13423

Mechanical	Current Repair		Future Replacement		Maintenance		Priority Code	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)		Estimated Cost
Plumbing								
H/C Water Piping Brass/Copper	100%			2050	* *	1		B
Water Heater Gas Fired	100%			2020	\$7,000	2	\$400	B
Sanitary Piping Cast Iron	100%			LIFE	* *	1		B
Storm Drain Piping Cast Iron	100%			LIFE	* *	1		B
Sewage Ejector(s) Electric	100%			2030	* *	4	\$1,300	B
Backflow Preventer Generic	100%			2030	* *	1	\$1,500	B
Fixtures Generic	100%							B
Vertical Transport								
Elevators Hydraulic	100%			LIFE	* *			C
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : 1-2</i>						
		<i>Explanation : 1 Unit</i>						

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

Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : LINCOLN CTR. FOR PERFORMING ARTS DAMROSCH BANDSHELL
Address : AMSTERDAM AVE. & W. 62ND ST.
Borough : MANHATTAN **Agency's Number** : N/A
Program / Asset # : DCA0034.010 / 4151 **Yr Built/Renovated** : 1964 / 2008
Area Sq Ft : 4,500 **Project Type** : CULTURAL AFFAIRS
Date of Survey : 01-Dec-2011 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1
Block : 1134 **Lot** : 10 **BIN** : 1085731

CAPITAL		FY 2015 - 2018	FY 2019 - 2024
Exterior Architecture		\$165,200	\$300,400
Interior Architecture		\$38,000	\$122,200
Total		\$203,200	\$422,600
Priority A		\$165,200	\$300,400
Priority B		\$38,000	\$38,000
Priority C			\$84,200
Total		\$203,200	\$422,600

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture			\$400	
Interior Architecture	\$8,900		\$1,200	
Electrical	\$12,100		\$100	\$12,000
Mechanical	\$100	\$200	\$500	\$3,500
Total	\$21,100	\$200	\$2,300	\$15,500
Priority A			\$400	
Priority B	\$12,200	\$200	\$600	\$15,500
Priority C	\$8,900		\$1,200	
Total	\$21,100	\$200	\$2,300	\$15,500



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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
LINCOLN CTR. FOR PERFORMING ARTS DAMROSCH BANDSHELL

Asset # : 4151

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
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%	Now	\$165,200	LIFE	**	5	\$257,300	A
<i>Recent Repair Evident, Extent : Light, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Foundation</i>								
Windows								
Aluminum	100%			2022	\$43,100	5	\$900	A
Roof								
Cast in Place Concrete	50%			LIFE	**			A
Not Accessible	50%							D
Interior								
Floors								
Cast in Place Concrete	30%			LIFE	**	5	\$45,900	C
Terrazzo	70%			LIFE	**	5	\$38,300	C
Interior Walls								
Ceramic Tile	5%			2032	**	5	\$2,400	C
Concrete Masonry Unit	70%			LIFE	**	5	\$13,600	C
Gypsum Board	15%			LIFE	**	5	\$4,400	C
Plaster	10%	Now	\$8,900	LIFE	**	5	\$1,500	C
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Basement Stairs</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Basement Stair At Northwest Side</i>								
Ceilings								
AcousTileConcealSpLn	80%			2028	**	5	\$76,000	B
Gypsum Board	20%			LIFE	**	5	\$19,000	B
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Basemnet Stairs</i>								

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Raceway								
Conduit	100%			2023	\$21,500	1		B
Panelboards								
Molded Case Bkrs	100%			2022	\$11,200	5	\$100	B
Wiring								
Braided Cloth	80%	2-4	\$12,000	2048	**	1		B
<i>Insulation Aged, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Thermoplastic	20%			2023	\$3,000	1		B
Lighting								

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

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DEPARTMENT OF CULTURAL AFFAIRS - 126
LINCOLN CTR. FOR PERFORMING ARTS DAMROSCH BANDSHELL

Asset # : 4151

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Lighting								
Interior Lighting Fluorescent	65%			2018	\$5,300	10	\$2,200	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Using T-12 Lamps</i>								
HID	5%			2018	\$100	10		B
Incandescent	30%			2018	\$2,400	2		B
Egress Lighting								
Emergency, Battery	60%			2018	\$900	10	\$500	B
Exit, Service	40%			2018	\$200	1		B
Exterior Lighting								
HID	100%			2018	\$200	10		B
Alarm								
Fire/Smoke Detection No Component	80%							D
Generic	20%			2023	\$8,700	1-3	\$500	B
Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source Campus Steam	100%			2033	**	1		B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Steam Provided From Nearby Central Mechanical Plant</i>								
Conversion Equipment Not Accessible	100%							D
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location :</i>								
<i>Explanation : Located In Central Mechanical Plant</i>								
Distribution Steam Piping/Pump	100%			2033	**	4	\$200	B
Terminal Devices Convactor/Radiator	100%			2028	**	1	\$1,200	B
Ventilation								
Distribution Ductwork/Diffusers	100%			LIFE	**	2-5	\$2,100	B
Exhaust Fans Roof	100%			2018	\$3,300	2	\$100	B
Plumbing								
H/C Water Piping Brass/Copper	100%			2033	**	1		B

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

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

**DEPARTMENT OF CULTURAL AFFAIRS - 126
LINCOLN CTR. FOR PERFORMING ARTS DAMROSCH BANDSHELL**

Asset # : 4151

Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Plumbing								
Water Heater Electric	100%			2021	\$600	4		B
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Parking Garage - West Fan Room</i>						
		<i>Explanation : 1 Unit</i>						
Sanitary Piping Cast Iron	100%			LIFE	* *	1		B
Storm Drain Piping Cast Iron	100%			LIFE	* *	1		B
Sump Pump(s) Not Accessible	100%							D
Backflow Preventer Not Accessible	100%							D
Fixtures Generic	100%							B
Fire Suppression								
Sprinkler No Component	80%							D
Generic	20%			2033	* *	1-2	\$200	B

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

Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : LINCOLN CTR. FOR PERFORMING ARTS DAVID H. KOCH THEATRE
Address : 37 W 65TH STREET AT COLUMBUS AVE. & 63RD ST.
Borough : MANHATTAN **Agency's Number** : N/A
Program / Asset # : DCA0025.000 / 2811 **Yr Built/Renovated** : 1962 /
Area Sq Ft : 247,480 **Project Type** : CULTURAL AFFAIRS
Date of Survey : 01-Dec-2011 **Landmark Status** : NONE
Areas Surveyed : Basement, Sub Basement, Roof, Floors 1,2,3,4,5
Block : 1118 **Lot** : 5 **BIN** : 1028160

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$222,100	\$1,566,100
Interior Architecture	\$146,800	\$2,656,800
Electrical		\$848,500
Mechanical	\$44,600	\$238,800
Total	\$413,500	\$5,310,100
Priority A	\$222,100	\$1,566,100
Priority B	\$44,600	\$1,212,500
Priority C	\$146,800	\$2,531,600
Total	\$413,500	\$5,310,100

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture				\$1,100
Interior Architecture	\$13,000	\$51,700	\$7,700	\$64,300
Electrical	\$18,300	\$19,500	\$19,900	\$60,300
Mechanical	\$96,900	\$54,200	\$81,000	\$84,500
Elevators/Escalators	\$49,300	\$49,300	\$49,300	\$49,300
Total	\$177,500	\$174,800	\$158,000	\$259,500
Priority A				\$1,100
Priority B	\$169,700	\$128,300	\$150,200	\$213,900
Priority C	\$7,700	\$46,400	\$7,700	\$44,500
Total	\$177,500	\$174,800	\$158,000	\$259,500



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DEPARTMENT OF CULTURAL AFFAIRS - 126
LINCOLN CTR. FOR PERFORMING ARTS DAVID H. KOCH THEATRE

Asset # : 2811

Architecture	Current Repair		Future Replacement		Maintenance		Priority Code	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)		Estimated Cost
Exterior								
Exterior Walls								
Masonry: Travertine	85%			LIFE	**			A
Window Wall	15%			2043	**	5	\$85,600	A
Windows								
Bronze/Brass	100%			2031	**	5	\$117,100	A
Parapets								
Metal Panel	5%			2043	**	5	\$2,200	A
Metal Rail	95%			2036	**	5-10	\$198,900	A
Roof								
Modified Bitumen	100%			2023		10	\$169,200	A
Interior								
Floors								
Carpet	25%			2022	\$455,200	3	\$116,100	C
Carpet	5%			2024	\$91,000	3	\$31,000	C
Ceramic Tile	5%			2032	**	5	\$15,500	C
Marble Panels	20%			LIFE	**	5	\$46,400	C
Quarry Tile	15%			2028	**	5	\$69,700	C
Terrazzo	5%			LIFE	**	5	\$12,100	C
Vinyl Tile	5%			2031	**	3	\$5,800	C
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Lower Concourse</i>								
Vinyl Tile	15%			2028	**	3	\$17,400	C
Vinyl Tile	5%	Now	\$146,800	2033	**	3	\$5,800	C
<i>Worn/Eroded, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Stairs, Basement</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Stairs, Basement</i>								
<i>Explanation : 9x9 Tiles</i>								
Interior Walls								
Concrete Masonry Unit	15%			LIFE	**	5	\$21,500	C
Concrete Masonry Unit	5%			LIFE	**	5	\$7,200	C
<i>Recent Construction, Extent : Light, Area Affected : 100%</i>								
<i>Location : Lower Concourse</i>								
Fabric on Framing	25%			2024	\$2,447,600	5	\$44,700	C
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Theater</i>								
<i>Explanation : Sound Absorbing Material</i>								
Masonry: Brick	5%			LIFE	**			C
Travertine Panels	15%			LIFE	**			C
Plaster	35%			LIFE	**	5	\$37,600	C

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DEPARTMENT OF CULTURAL AFFAIRS - 126
LINCOLN CTR. FOR PERFORMING ARTS DAVID H. KOCH THEATRE

Asset # : 2811

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
Ceilings								
AcousTileConcealSpLn	15%			2028	**	5	\$39,500	B
AcousTileSusp.Lay-In	5%			2036	**	5	\$10,500	B
AcousTileSusp.Lay-In	5%			2040	**	5	\$10,500	B
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Lower Concourse</i>								
Gypsum Board	5%			LIFE	**	5	\$13,200	B
Metal Panel	25%			LIFE	**	5	\$65,900	B
Plaster	45%			LIFE	**	5	\$59,300	B
Electrical								
Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
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%			2023	\$32,400	5	\$900	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room - Sub Basement</i>								
<i>Explanation : Two 6000 Amps Main Disconnect Switch</i>								
Switchgear / Switchboard								
Fused Disc Sw	90%			2023	\$106,700	5	\$800	B
Fused Disc Sw	10%			2049	**	5	\$100	B
Raceway								
Conduit	90%			2023	\$139,200	1		B
Conduit	10%			2049	**	1		B
Panelboards								
Molded Case Bkrs	70%			2022	\$70,800	5	\$3,800	B
Molded Case Bkrs	20%			2031	**	5	\$1,100	B
Molded Case Bkrs	10%			2045	**	5	\$500	B
Wiring								
Thermoplastic	70%			2023	\$84,700	1		B
Thermoplastic	20%			2033	**	1		B
Thermoplastic	10%			2049	**	1		B
Motor Controllers								
Locally Mounted	20%			2021	\$33,800	5	\$300	B
Locally Mounted	30%			2036	**	5	\$400	B
Locally Mounted	50%			2028	**	5	\$700	B
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$3,000	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : Water Main</i>								
Stand-by Power								
Transfer Switches								
Automatic	100%			2040	**	1	\$62,500	B

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

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
LINCOLN CTR. FOR PERFORMING ARTS DAVID H. KOCH THEATRE

Asset # : 2811

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Stand-by Power								
Generators								
Diesel	100%			2036	* *	1	\$78,400	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Loading Dock</i>								
<i>Explanation : One 280 Kva</i>								
Batteries								
Lead/Acid	100%			2018		5	\$7,500	B
Fuel Storage								
Main Tank	100%			2058	* *	5	\$6,100	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Loading Dock</i>								
<i>Explanation : One 275 Gallon Tank</i>								
Lighting								
Interior Lighting								
Fluorescent	18%			2028	* *	10	\$34,200	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Using T-8 Lamps</i>								
Fluorescent	25%			2023	\$114,400	10	\$47,400	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : Using T-12 Lamps</i>								
HID	2%			2023	\$2,500	10	\$100	B
Incandescent	55%			2023	\$251,600	2	\$2,600	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Theatre Back Stage</i>								
<i>Explanation : All Stage Lighting Controlled By Dimmer Switch Type Sd</i>								
Egress Lighting								
Emergency, Service	40%			2023	\$13,700	1		B
Emergency, Battery	20%			2023	\$17,100	10	\$10,000	B
Exit, Service	40%			2023	\$13,700	1		B
Exterior Lighting								
HID	100%			2023	\$12,400	10	\$600	B
Alarm								
Fire/Smoke Detection								
No Component	70%							D
Generic	30%			2031	* *	1-3	\$37,500	B

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

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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DEPARTMENT OF CULTURAL AFFAIRS - 126
LINCOLN CTR. FOR PERFORMING ARTS DAVID H. KOCH THEATRE

Asset # : 2811

Mechanical	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Utility Steam	100%			2033	**	1		B
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : Steam From Con Eddison</i>							
Conversion Equipment								
Pres. Reducing Valve/LP Steam	100%	0-2	\$3,600	2026	**	5	\$6,200	B
	<i>Other Observation, Extent : Light, Area Affected : 5%</i>							
	<i>Location : Sub Basement Steam Room</i>							
	<i>Explanation : The Pneumatic Control Board Needs To Be Upgraded</i>							
Distribution								
Steam Piping/Pump	100%	Now	\$24,100	2033	**	4	\$10,200	B
	<i>Not in Service, Extent : Moderate, Area Affected : 5%</i>							
	<i>Location : 1 Vacuum Pump Bearing Worn Out, Sub Basement</i>							
Terminal Devices								
Air Handler	100%			2028	**	1	\$128,100	B
Air Conditioning								
Energy Source								
District C.W.	90%			2043	**	1		B
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : Chilled Water From Central Mechanical Plant</i>							
Electricity	10%			2039	**	1		B
Conversion Equipment								
Centrifugal, Elec Chiller	90%			2032	**	1	\$201,700	B
	<i>Other Observation, Extent : Light, Area Affected : 90%</i>							
	<i>Location : Basement Of Garage</i>							
	<i>Explanation : Located In Central Mechanical Plant</i>							
Int Pkg Unit - Cooling	5%			2021	\$151,100	2	\$600	B
	<i>R-134a Refrigerant, Extent : Light, Area Affected : 5%</i>							
	<i>Location : 5th Floor</i>							
Ext Pkg Unit - Cooling	5%			2031	**	2	\$600	B
	<i>R-134a Refrigerant, Extent : Light, Area Affected : 5%</i>							
	<i>Location : Roof</i>							
Distribution								
Chilled Wtr Pipe/Pump	90%			2033	**	4	\$9,200	B
	<i>Other Observation, Extent : Light, Area Affected : 90%</i>							
	<i>Location : Basement Of Garage</i>							
	<i>Explanation : Located In Central Mechanical Plant</i>							
No Component	10%							D
Terminal Devices								
Air Handler/Cool/Ht	90%			2028	**	1	\$115,300	B
No Component	10%							D
Heat Rejection								
Air Condenser Unit	5%			2023	\$23,400	2	\$7,200	B
No Component	95%							D

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

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DEPARTMENT OF CULTURAL AFFAIRS - 126
LINCOLN CTR. FOR PERFORMING ARTS DAVID H. KOCH THEATRE

Asset # : 2811

Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Ventilation								
Distribution								
Ductwork/Diffusers	100%	4+	\$44,600	LIFE	**	2-5	\$115,400	B
<i>Needs Cleaning, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
Exhaust Fans								
Interior	100%			2031	**	2	\$6,400	B
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2033	**	1		B
Water Heater								
Electric	100%			2023	\$36,400	4	\$1,900	B
<i>Recent Installation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Steam Room</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Steam Room</i>								
<i>Explanation : There Is No Storage Tank</i>								
HW Heat Exchanger								
Low Temp	100%	Now	\$3,600	2033	**	4	\$20,500	B
<i>Not in Service, Extent : Severe, Area Affected : 20%</i>								
<i>Location : 1 Unit, Steam Room</i>								
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		B
Storm Drain Piping								
Cast Iron	100%			LIFE	**	1		B
Sump Pump(s)								
Rigid Piping	100%			2023	\$10,300	4	\$2,000	B
Sewage Ejector(s)								
Electric	100%			2028	**	4	\$2,000	B
Backflow Preventer								
Generic	100%			2028	**	1	\$12,800	B
Fixtures								
Generic	100%							B
Vertical Transport								
Elevators								
Geared Traction	90%			LIFE	**			C
<i>Other Observation, Extent : Light, Area Affected : 90%</i>								
<i>Location : (4) Concourse Level - 4th Fl; (3) Low Concourse - 5th Fl; (1) Concourse - 5th Fl; (1) Sub Basement - 5 Fl</i>								
<i>Explanation : 9 Units</i>								
Hydraulic	10%			LIFE	**			C
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : (1) 1-2</i>								
<i>Explanation : 1 Unit</i>								
Fire Suppression								
Standpipe								
Generic	100%			2033	**	1-5	\$108,400	B

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DEPARTMENT OF CULTURAL AFFAIRS - 126
LINCOLN CTR. FOR PERFORMING ARTS DAVID H. KOCH THEATRE

Asset # : 2811

Mechanical	Current Repair		Future Replacement		Maintenance		Priority Code	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)		
Fire Suppression Sprinkler								
Generic	100%			2033	* *	1-2	\$58,100	B
Fire Pump								
Not Accessible	100%							D

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Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : **LINCOLN CTR. FOR PERFORMING ARTS PLAZA AND GARAGE**
 Address : **140 WEST 65TH ST.**
 Borough : **MANHATTAN** Agency's Number : **N/A**
 Program / Asset # : **DCA0034.000 / 3006** Yr Built/Renovated : **1965 / 2008**
 Area Sq Ft : **370,000** Project Type : **CULTURAL AFFAIRS**
 Date of Survey : **09-Dec-2011** Landmark Status : **NONE**
 Areas Surveyed : **Basement, Sub Basement, Roof, Floors 1**
 Block : **1134** Lot : **1** BIN : **1081023**

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Interior Architecture	\$226,800	\$134,600
Electrical	\$60,500	\$3,393,700
Mechanical		\$234,900
Total	\$287,300	\$3,763,200
Priority B	\$60,500	\$3,691,100
Priority C	\$226,800	\$72,100
Total	\$287,300	\$3,763,200

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Interior Architecture	\$5,200	\$1,500		\$18,000
Electrical	\$38,800	\$35,200	\$40,100	\$46,800
Mechanical	\$3,500	\$21,700	\$25,500	\$2,200
Total	\$47,500	\$58,500	\$65,600	\$67,100
Priority B	\$42,300	\$56,900	\$65,600	\$49,000
Priority C	\$5,200	\$1,500		\$18,000
Total	\$47,500	\$58,500	\$65,600	\$67,100



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DEPARTMENT OF CULTURAL AFFAIRS - 126
LINCOLN CTR. FOR PERFORMING ARTS PLAZA AND GARAGE

Asset # : 3006

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Roof								
Plaza Roof: Stone Panels	100%			2049	**			A
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Recent Replacement</i>								
Interior								
Floors								
Asphalt Macadam	5%			2040	**	5	\$10,300	C
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : New Ramp At Concourse Entrance</i>								
Asphalt Macadam	15%	Now	\$154,700	2028	**	5	\$15,500	C
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
Asphalt Macadam	70%			2028	**	5	\$144,300	C
Traffic Topping	7%			2028	**	5	\$36,100	C
Vinyl Tile	3%			2028	**	3	\$4,600	C
Interior Walls								
Cast in Place Concrete	25%			LIFE	**			C
Concrete Masonry Unit	72%			LIFE	**	5	\$11,400	C
Gypsum Board	3%			LIFE	**	5	\$700	C
Ceilings								
Exposed Concrete	97%			LIFE	**	5	\$62,500	B
Gypsum Board	3%			LIFE	**	5	\$15,500	B

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
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%			2023	\$32,400	5	\$1,400	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : Main Service Switches Rated @ 1200 Amperes And 2000 Amperes</i>								
Transformers								
Dry Type	100%			2040	**	5	\$1,100	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : 112.5 Kva, 480/12/208 Volts</i>								
Switchgear / Switchboard								
Fused Disc Sw	90%			2023	\$106,700	5	\$1,200	B
Molded Case Bkrs	10%			2049	**	5	\$800	B
Raceway								
Conduit	20%			2033	**	1		B
Conduit	50%			2023	\$77,300	1		B
Conduit	30%			2049	**	1		B

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

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DEPARTMENT OF CULTURAL AFFAIRS - 126
LINCOLN CTR. FOR PERFORMING ARTS PLAZA AND GARAGE

Asset # : 3006

Electrical	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Panelboards								
Fused Disc Sw	5%			2045	**	5	\$400	B
Molded Case Bkrs	50%			2022	\$50,500	5	\$4,000	B
Molded Case Bkrs	45%			2045	**	5	\$3,600	B
Wiring								
Braided Cloth	50%	2-4	\$60,500	2048	**	1		B
<i>Insulation Aged, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Thermoplastic	20%			2033	**	1		B
Thermoplastic	30%			2049	**	1		B
Motor Controllers								
Locally Mounted	100%			2040	**	5	\$2,000	B
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$4,500	B
Stand-by Power								
Transfer Switches								
Automatic	100%			2040	**	1	\$93,500	B
Generators								
Diesel	100%			2036	**	1	\$117,200	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Generator Room</i>								
<i>Explanation : Generator Rated @ 800 Kw</i>								
Batteries								
Lead/Acid	100%			2018	\$600	5	\$11,200	B
Fuel Storage								
Main Tank	100%			2058	**	5	\$8,100	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Generator Room</i>								
<i>Explanation : 1000 Gallons Capacity</i>								
Lighting								
Interior Lighting								
Fluorescent	100%			2023	\$608,900	10	\$252,600	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : T- 8 Lamps</i>								
Egress Lighting								
Emergency, Battery	20%			2023	\$22,700	10	\$13,300	B
Exit, LED	30%			2058	**	1		B
Exit, Service	50%			2023	\$22,700	1		B
Exterior Lighting								
HID	100%			2023	\$18,500	10	\$1,000	B
Alarm								

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DEPARTMENT OF CULTURAL AFFAIRS - 126
LINCOLN CTR. FOR PERFORMING ARTS PLAZA AND GARAGE

Asset # : 3006

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

Alarm

Security System

No Component

50%

D

Generic

50%

2023

\$519,500

1

\$56,600

B

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

Location : Garage

Explanation : CCTV Surveillance Camera System

Fire/Smoke Detection

No Component

50%

D

Generic

50%

2023

\$1,778,100

1-3

\$93,400

B

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

Location : Garage

Explanation : Horns, Alarm Bells, Strobe Lights And Manual Pull Station

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

Heating

Energy Source

Electricity

3%

2043

**

1

B

No Component

97%

D

Other Observation, Extent : Light, Area Affected : 0%

Location : West Fan Room, Sub Basement

Explanation : 1 Gas Fired Steam Boiler Supplying The Bandshell Only

Conversion Equipment

Radiant Heater

3%

2018

\$400

2

B

Other Observation, Extent : Light, Area Affected : 3%

Location : Casher Office

Explanation : 1 Unit

No Component

97%

D

Other Observation, Extent : Light, Area Affected : 0%

Location : West Fan Room, Sub Basement

Explanation : 1 Gas Fired Steam Boiler For The Bandshell Only

Air Conditioning

Energy Source

Electricity

100%

2039

**

1

B

Conversion Equipment

Window/Wall Unit

3%

2016

\$19,300

1

B

Other Observation, Extent : Light, Area Affected : 3%

Location : Casher Office

Explanation : 1 Unit

No Component

97%

D

Ventilation

Distribution

Ductwork/Diffusers

100%

LIFE

**

2-5

\$153,600

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.

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DEPARTMENT OF CULTURAL AFFAIRS - 126
LINCOLN CTR. FOR PERFORMING ARTS PLAZA AND GARAGE

Asset # : 3006

Mechanical System Component Type	Current Repair			Future Replacement		Maintenance		Priority Code
	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Ventilation								
Exhaust Fans								
Interior	50%			2023	\$166,600	2	\$4,300	B
Interior	50%			2031	* *	2	\$4,300	B
Plumbing								
H/C Water Piping								
Brass/Copper	5%			2033	* *	1		B
No Component	95%							D
Water Heater								
Electric	5%			2022	\$2,400	4	\$100	B
				<i>Other Observation, Extent : Light, Area Affected : 1%</i>				
				<i>Location : West Fan Room, Sub Basement</i>				
				<i>Explanation : 1 Gas Fired Water Heater For The Bandshell Only</i>				
No Component	95%							D
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		B
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		B
Sump Pump(s)								
Rigid Piping	100%			2028	* *	4	\$2,000	B
Sewage Ejector(s)								
Compressed Air	100%			2033	* *	4	\$1,300	B
Backflow Preventer								
Generic	100%			2023	\$30,300	1	\$17,000	B
Fixtures								
Generic	100%							B
Fire Suppression								
Sprinkler								
Generic	100%			2033	* *	1-2	\$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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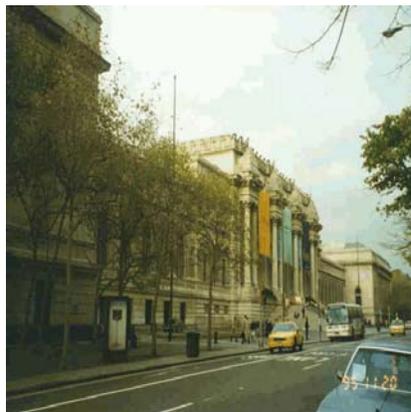
Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : METROPOLITAN MUSEUM OF ART ELECTRICAL SYSTEM
Address : 5TH AVE & 82ND STREET
Borough : MANHATTAN **Agency's Number** : N/A
Program / Asset # : DCA0001.ELE / 4163 **Yr Built/Renovated** : 1880 / 2001
Area Sq Ft : 1,705,221 **Project Type** : CULTURAL AFFAIRS
Date of Survey : 12-Jun-2012 **Landmark Status** : INTERIOR, EXTERIOR, H-DISTRICT
Areas Surveyed : Basement, Roof, Floors 1,2,3,4
Block : 1111 **Lot** : 1 **BIN** : 1083810

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Electrical	\$1,118,900	\$8,539,500
Total	\$1,118,900	\$8,539,500
Priority B	\$1,118,900	\$8,539,500
Total	\$1,118,900	\$8,539,500

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Electrical	\$191,100	\$224,300	\$223,100	\$205,100
Elevators/Escalators	\$148,200	\$148,200	\$148,200	\$148,200
Total	\$339,300	\$372,500	\$371,400	\$353,300
Priority B	\$339,300	\$372,500	\$371,400	\$353,300
Total	\$339,300	\$372,500	\$371,400	\$353,300



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

DEPARTMENT OF CULTURAL AFFAIRS - 126
METROPOLITAN MUSEUM OF ART ELECTRICAL SYSTEM

Asset # : 4163

Electrical	Current Repair		Future Replacement		Maintenance		Priority Code	
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	50%							D
	<i>Other Observation, Extent : Light, Area Affected : 0%</i>							
	<i>Location : North Garage Electrical Room</i>							
	<i>Explanation : Cutout Switch Nameplate Ratings 600 Amperes And 4160 Volts</i>							
Not Accessible	50%							D
	<i>Other Observation, Extent : Light, Area Affected : 0%</i>							
	<i>Location : South Garage Electrical Room</i>							
	<i>Explanation : Cutout Switch Nameplate Ratings 600 Amperes And 4160 Volts</i>							
Transformers								
Dry Type	50%			2043	**	3	\$3,900	B
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : North Garage</i>							
	<i>Explanation : 2- Newly Installed Transformers Rated At 2000 Kva And 2500 Kva, 4160/480/277 Volts</i>							
Dry Type	50%			2040	**	3	\$3,900	B
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : South Garage</i>							
	<i>Explanation : 2- 2500 Kva, 4160/ 480/277 Volts</i>							
Feeders								
Cable	50%			2045	**	1		B
Cable	50%			2048	**	1		B
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : North Garage</i>							
	<i>Explanation : Newly Installed</i>							
Raceway								
Conduit	50%			2049	**	1		B
Conduit	50%			2053	**	1		B
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : North Garage</i>							
	<i>Explanation : Newly Installed</i>							

Under 600 Volts

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

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
METROPOLITAN MUSEUM OF ART ELECTRICAL SYSTEM

Asset # : 4163

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Service Equipment								
Air Circuit Breaker	25%			2023	\$26,300	5	\$1,800	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : D- Wing Electrical Room</i>								
<i>Explanation : 2- 4000 Amperes Main Service Disconnects Serving H, A , B , C Wings</i>								
Fused Disc Sw	25%			2053	**	5	\$1,600	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : North Garage Electrical Room</i>								
<i>Explanation : Main Disconnect Switches Rated 1- 6000, 2- 4000 Amperes For American Wing And Sackler Wing</i>								
Fused Disc Sw	15%			2023	\$15,800	5	\$900	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : X- Wing Electrical Room</i>								
<i>Explanation : Main Service Disconnect Switches Rated @ 2- 4000, 1- 3000 Amperes For C- Wing And D- Wing</i>								
Fused Disc Sw	10%			2043	**	5	\$600	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : X- Wing Electrical Room</i>								
<i>Explanation : Main Service Disconnect Switches Rated @ 2- 2000 Amperes</i>								
Fused Disc Sw	25%			2049	**	5	\$1,600	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : South Garage Electrical Room</i>								
<i>Explanation : Main Service Disconnect Switches Rated @ 2- 4000 Amperes And 1- 3000 Amperes Serving E, H, F, G Wings</i>								
Transformers								
Dry Type	50%			2021	\$942,800	5	\$2,600	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Mechanical Rooms</i>								
<i>Explanation : 5- 30 Kva</i>								
Dry Type	50%			2040	**	5	\$2,600	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : X- Wing Electrical Room</i>								
<i>Explanation : 1- 150 Kva</i>								
Switchgear / Switchboard								
Air Circuit Breaker	25%			2023	\$144,300	5	\$1,800	B
Fused Disc Sw	15%			2043	**	5	\$900	B
Fused Disc Sw	25%			2053	**	5	\$1,600	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : North Garage Electrical Room</i>								
<i>Explanation : Newly Installed</i>								
Fused Disc Sw	35%			2023	\$202,000	5	\$2,200	B
Raceway								
Conduit	30%			2033	**	1		B
Conduit	60%			2023	\$451,600	1		B
Conduit	10%			2049	**	1		B

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DEPARTMENT OF CULTURAL AFFAIRS - 126
METROPOLITAN MUSEUM OF ART ELECTRICAL SYSTEM

Asset # : 4163

Electrical	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Panelboards								
Fused Disc Sw	5%			2039	**	5	\$1,600	B
Fused Disc Sw	5%			2022	\$68,900	5	\$1,600	B
Molded Case Bkrs	15%			2045	**	5	\$5,600	B
Molded Case Bkrs	25%			2031	**	5	\$9,300	B
Molded Case Bkrs	50%			2022	\$688,700	5	\$18,500	B
Wiring								
Braided Cloth	20%	2-4	\$117,700	2048	**	1		B
<i>Insulation Aged, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout Old Sections Of The Museum Complex</i>								
Thermoplastic	20%			2033	**	1		B
Thermoplastic	10%			2049	**	1		B
Thermoplastic	50%			2023	\$294,300	1		B
Motor Controllers								
Locally Mounted	10%			2028	**	5	\$900	B
Locally Mounted	30%			2021	\$741,300	5	\$2,800	B
Locally Mounted	20%			2036	**	5	\$1,900	B
Locally Mounted	10%			2040	**	5	\$900	B
Motor Control Center	30%			2028	**	5	\$11,400	B
Ground								
Grounding Devices								
Generic	50%			LIFE	**	5	\$10,300	B
Generic	50%			LIFE	**	5	\$10,300	B
Stand-by Power								
Transfer Switches								
Automatic	100%			2036	**	1	\$430,700	B
Generators								
Diesel	100%			2032	**	1	\$540,300	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Roof</i>								
<i>Explanation : 4- 750 Kva Diesel Generators</i>								
Batteries								
Lead/Acid	100%			2017	\$700	5	\$51,700	B
Fuel Storage								
Day Tank	50%			2039	**	5	\$136,600	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Roof</i>								
<i>Explanation : 4- 275 Gallon Capacity Tanks</i>								
Main Tank	50%			2051	**	5	\$21,800	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Underground</i>								
<i>Explanation : 2- 3000 Gallon Capacity Tanks</i>								
Lighting								

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DEPARTMENT OF CULTURAL AFFAIRS - 126
METROPOLITAN MUSEUM OF ART ELECTRICAL SYSTEM

Asset # : 4163

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Lighting								
Interior Lighting								
Fluorescent	10%			2018	\$666,400	10	\$135,100	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Using T-12 Lamps</i>								
Fluorescent	18%			2023	\$1,199,500	10	\$243,100	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Using T-8 Lamps</i>								
Fluorescent	5%			2028	**	10	\$67,500	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Using T-5 Lamps</i>								
HID	2%			2018	\$132,200	10	\$1,000	B
Incandescent	50%			2023	\$3,331,900	2	\$16,500	B
Incandescent	15%			2028	**	2	\$5,000	B
Egress Lighting								
Emergency, Service	49%			2028	**	1		B
Emergency, Battery	1%			2028	**	10	\$3,600	B
Exit, LED	20%			2051	**	1		B
Exit, Service	30%			2023	\$78,800	1		B
Exterior Lighting								
HID	100%			2028	**	10	\$4,400	B
Lighting Protection								
Arresters/Cabling								
Generic	100%			2026	**	5		B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : A, B, C Wings</i>								
<i>Explanation : Copper</i>								
Alarm								
Security System								
No Component	40%							D
Generic	60%			2031	**	1	\$313,200	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Public Spaces</i>								
<i>Explanation : C C T V Surveillance System And Intrusion Alarm System</i>								
Fire/Smoke Detection								
No Component	30%							D
Generic	70%			2031	**	1-3	\$602,900	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Corridors, Offices And Exhibits</i>								
<i>Explanation : Smoke Detectors, Strobe Lights, Manual Pull Station, Horns</i>								

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Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : METROPOLITAN MUSEUM OF ART SECTION ESDA
 Address : 5TH AVE & 82ND STREET
 Borough : MANHATTAN Agency's Number : N/A
 Program / Asset # : DCA0001.U00 / 2308 Yr Built/Renovated : 1990 /
 Area Sq Ft : 83,965 Project Type : CULTURAL AFFAIRS
 Date of Survey : 13-Jun-2012 Landmark Status : INTERIOR, EXTERIOR, H-DISTRICT
 Areas Surveyed : Basement, Roof, Floors 1,2,3,4,5
 Block : 1111 Lot : 1 BIN : 1083810

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$43,200	\$104,800
Interior Architecture	\$46,900	\$111,200
Mechanical	\$41,800	\$944,400
Total	\$131,900	\$1,160,400
Priority A	\$43,200	\$104,800
Priority B	\$41,800	\$1,019,100
Priority C	\$46,900	\$36,400
Total	\$131,900	\$1,160,400

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$3,600	\$8,400		\$15,000
Interior Architecture		\$37,400	\$2,600	
Mechanical	\$120,200	\$17,800	\$37,100	\$28,300
Elevators/Escalators	\$19,700	\$19,700	\$19,700	\$19,700
Total	\$143,500	\$83,300	\$59,400	\$63,100
Priority A	\$3,600	\$8,400		\$15,000
Priority B	\$140,000	\$53,100	\$56,900	\$48,000
Priority C		\$21,800	\$2,600	
Total	\$143,500	\$83,300	\$59,400	\$63,100



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DEPARTMENT OF CULTURAL AFFAIRS - 126
METROPOLITAN MUSEUM OF ART SECTION ESDA

Asset # : 2308

Architecture	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Stucco Cement	5%			2036	**	5	\$8,200	A
Window Wall	35%			2043	**	5	\$86,300	A
No Component	60%							D
Windows								
Aluminum	10%			2039	**	5	\$1,300	A
No Component	90%							D
Parapets								
Concrete Masonry Unit	10%			LIFE	**	5	\$100	A
Metal Rail	90%	0-2	\$3,600	2036	**	5	\$5,400	A
<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
Roof								
Metal Panel	10%			2036	**	10	\$4,200	A
Modified Bitumen	5%			2028	**	10	\$1,200	A
Modified Bitumen	55%			2028	**	10	\$12,700	A
Single Ply Membrane	5%			2028	**	10	\$1,200	A
Skylight, Plastic	5%			2036	**	1		A
Sloped Glazing	20%			LIFE	**	5	\$61,700	A
<i>Condensation Present, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Sculpture Court</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Sculpture Court, Gutters</i>								
Interior								
Floors								
Carpet	40%			2019	\$261,500	3	\$61,700	C
Ceramic Tile	5%			2032	**	5	\$5,100	C
Granite Panels	10%			LIFE	**	5	\$7,700	C
Marble Panels	20%			LIFE	**	5	\$15,400	C
Terrazzo	5%			LIFE	**	5	\$4,000	C
Vinyl Tile	10%			2028	**	3	\$3,900	C
Wood	10%	Now	\$46,900	2051	**	5	\$9,600	C
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Room 553</i>								
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Room 553</i>								
Interior Walls								
Concrete Masonry Unit	5%			LIFE	**	5	\$1,500	C
Gypsum Board	80%			LIFE	**	5	\$36,400	C
Masonry: Brick	10%			LIFE	**			C
Masonry: Limestone	5%			LIFE	**			C

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DEPARTMENT OF CULTURAL AFFAIRS - 126
METROPOLITAN MUSEUM OF ART SECTION ESDA

Asset # : 2308

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

Interior

Ceilings

AcousTileConcealSpLn	5%			2036	**	5	\$6,200	B
AcousTileSusp.Lay-In	25%			2036	**	5	\$24,900	B
Exposed Concrete	10%			LIFE	**	5	\$1,600	B
Gypsum Board	60%			LIFE	**	5	\$74,800	B

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

Location : Sculpture Court

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

Heating

Energy Source

Utility Steam	100%			2033	**	1		B
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Other Observation, Extent : Light, Area Affected : 100%

Location : Basement D Channel

Explanation : Steam Provided By Con Edison

Conversion Equipment

Heat Exchanger	20%			2032	**	1	\$6,800	B
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Other Observation, Extent : Light, Area Affected : 20%

Location : Mech Room

Explanation : The Unit Has Not Yet Been Insulated

Pres. Reducing Valve/LP Steam	80%	0-2	\$41,800	2038	**	5	\$1,600	B
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Leak Evident, Extent : Severe, Area Affected : 3%

Location : P R V Station, Mech Room

Distribution

Hot Wtr Piping/Pump	20%	Now	\$2,600	2039	**	4	\$700	B
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Corroded, Extent : Moderate, Area Affected : 10%

Location : Various Areas

Insul. Deteriorating, Extent : Moderate, Area Affected : 20%

Location : Throughout

Steam Piping/Pump	80%	Now	\$29,400	2033	**	4	\$2,700	B
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Corroded, Extent : Severe, Area Affected : 20%

Location : Various Areas

Insul. Deteriorating, Extent : Moderate, Area Affected : 40%

Location : Throughout

Steam Traps Faulty, Extent : Moderate, Area Affected : 20%

Location : Various Areas

Terminal Devices

Air Handler	70%	Now	\$6,400	2023		1	\$26,800	B
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Leak Evident, Extent : Moderate, Area Affected : 5%

Location : Coil Connections, Mech Room

Convactor/Radiator	20%			2028	**	1	\$4,500	B
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Fan Coil Unit/Heat	10%			2023		1	\$2,200	B
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Air Conditioning

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**DEPARTMENT OF CULTURAL AFFAIRS - 126
METROPOLITAN MUSEUM OF ART SECTION ESDA**

Asset # : 2308

Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Air Conditioning								
Energy Source								
Electricity	100%			2031	**	1		B
Conversion Equipment								
Centrifugal, Elec Chiller	100%			2026	**	1	\$74,400	B
<i>Repairs In Progress, Extent : Light, Area Affected : 100%</i>								
<i>Location : A C Room</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : A C Room</i>								
<i>Explanation : R-123 Refrigerant</i>								
Distribution								
Chilled Wtr Pipe/Pump	100%	Now	\$20,100	2033	**	4	\$3,400	B
<i>Corroded, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Various Areas</i>								
Terminal Devices								
Air Handler/Cool/Ht	100%			2023	\$357,900	1	\$42,500	B
Heat Rejection								
Water Cool Tower	100%			2021	\$142,200	2	\$69,100	B
Ventilation								
Distribution								
Ductwork/Diffusers	100%	Now	\$9,400	LIFE	**	2-5	\$38,300	B
<i>Faulty Air Intake, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Various Areas</i>								
<i>Unbalanced System, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Air Dampers Are Not Working Properly, Various Areas</i>								
Exhaust Fans								
Interior	40%			2023	\$10,500	2	\$900	B
Roof	60%			2028	**	2	\$1,300	B
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2033	**	1		B
Water Heater								
Electric	100%			2022	\$13,100	4	\$400	B
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		B
Storm Drain Piping								
Cast Iron	100%			LIFE	**	1		B
Sump Pump(s)								
Rigid Piping	100%	0-2	\$11,100	2033	**	4	\$1,300	B
<i>Malfunctioning, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Lower Level Of Basement</i>								
Sewage Ejector(s)								
Electric	100%	0-2	\$11,100	2033	**	4	\$1,300	B
<i>On Extended Life, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Lower Level Of Basement</i>								
Fixtures								
Generic	100%							B
Vertical Transport								

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**DEPARTMENT OF CULTURAL AFFAIRS - 126
METROPOLITAN MUSEUM OF ART SECTION ESDA**

Asset # : 2308

Mechanical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			C
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : (2) B, G, I, M, 4, 5e, 5w (2) Freight G, I, M, 2, 3, 4, Roof</i>							
	<i>Explanation : 4 Units</i>							
Fire Suppression								
Standpipe								
Generic	100%			2033	* *	1-5	\$36,000	B
Sprinkler								
No Component	80%							D
Generic	20%			2049	* *	1-2	\$3,900	B

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Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : METROPOLITAN MUSEUM OF ART WING A
Address : 5TH AVE & 82ND STREET
Borough : MANHATTAN **Agency's Number** : N/A
Program / Asset # : DCA0001.A00 / 2304 **Yr Built/Renovated** : 1880 /
Area Sq Ft : 58,392 **Project Type** : CULTURAL AFFAIRS
Date of Survey : 13-Jun-2012 **Landmark Status** : INTERIOR, EXTERIOR, H-DISTRICT
Areas Surveyed : Basement, Roof, Floors 1,2,3,atc
Block : 1111 **Lot** : 1 **BIN** : 1083810

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$1,356,600	\$310,800
Interior Architecture	\$65,200	\$627,300
Mechanical	\$69,100	\$497,300
Total	\$1,490,900	\$1,435,300
Priority A	\$1,356,600	\$310,800
Priority B	\$69,100	\$497,300
Priority C	\$65,200	\$627,300
Total	\$1,490,900	\$1,435,300

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$49,800		\$4,200	\$2,000
Interior Architecture		\$12,200		
Mechanical	\$30,000	\$7,600	\$10,300	\$41,700
Total	\$79,800	\$19,800	\$14,500	\$43,700
Priority A	\$49,800		\$4,200	\$2,000
Priority B	\$30,000	\$12,600	\$10,300	\$41,700
Priority C		\$7,200		
Total	\$79,800	\$19,800	\$14,500	\$43,700



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DEPARTMENT OF CULTURAL AFFAIRS - 126
METROPOLITAN MUSEUM OF ART WING A
Asset # : 2304

Architecture	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Concrete Masonry Unit	5%			LIFE	**	5	\$2,100	A
Copper/Terne	5%			2043	**	10	\$7,800	A
Masonry: Brick	10%	Now	\$48,400	LIFE	**	5	\$6,700	A
	<i>Diagonal Cracks, Extent : Moderate, Area Affected : 10%</i>							
	<i>Location : Courtyard</i>							
	<i>Horizontal Cracks, Extent : Moderate, Area Affected : 10%</i>							
	<i>Location : Courtyard</i>							
	<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%</i>							
	<i>Location : Courtyard</i>							
No Component	80%							D
	<i>Other Observation, Extent : Light, Area Affected : 0%</i>							
	<i>Location :</i>							
	<i>Explanation : Most Of Perimeter Is Enclosed By Adjacent Wings</i>							
Windows								
Steel	10%			2022	\$42,000	5	\$8,300	A
No Component	90%							D
Parapets								
Masonry: Brick	65%	Now	\$19,900	LIFE	**	5	\$1,400	A
	<i>Diagonal Cracks, Extent : Moderate, Area Affected : 10%</i>							
	<i>Location : Courtyard</i>							
	<i>Worn/Eroded, Extent : Moderate, Area Affected : 25%</i>							
	<i>Location : Courtyard</i>							
Masonry: Limestone	5%			LIFE	**	5	\$100	A
Metal Rail	30%	Now	\$3,000	2028	**	5	\$4,500	A
	<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 25%</i>							
	<i>Location : Throughout</i>							
	<i>Deteriorated Finish, Extent : Moderate, Area Affected : 25%</i>							
	<i>Location : Throughout</i>							

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

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
METROPOLITAN MUSEUM OF ART WING A
Asset # : 2304

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Roof								
IRMA/Protected Membrane	5%			2028	**	10	\$2,000	A
Metal Panel	35%	Now	\$20,700	2036	**			A
<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 20% Location : At Ridge</i>								
Modified Bitumen	10%	Now	\$6,300	2028	**			A
<i>Blisters, Extent : Moderate, Area Affected : 10% Location : Section Of Roof Near West Parapet</i>								
Sloped Glazing	45%	Now	\$1,308,200	LIFE	**	5	\$241,900	A
<i>Condensation Present, Extent : Moderate, Area Affected : 15% Location : Attic Spaces Corrosion/Rusting, Extent : Severe, Area Affected : 60% Location : Mullions And Structural Support Water Penetration, Extent : Moderate, Area Affected : 15% Location : Attic Spaces Other Observation, Extent : Moderate, Area Affected : 100% Location : Over Attic Spaces Explanation : This Roof Is Actually Corrugated Glazing.</i>								
Sloped Glazing	5%			LIFE	**	5	\$26,900	A
Interior								
Floors								
Carpet	20%			2022	\$90,900	3	\$21,500	C
Granite Panels	25%			LIFE	**	5	\$13,400	C
Marble Panels	20%			LIFE	**	5	\$10,700	C
Slate	5%			LIFE	**	5	\$3,800	C
Terrazzo	10%			LIFE	**	5	\$5,600	C
Wood	20%	Now	\$65,200	2038	**	5	\$13,400	C
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 50% Location : Exhibit Areas</i>								
Interior Walls								
Fabric on Framing	20%			2024	\$569,600	5	\$9,600	C
Gypsum Board	20%			LIFE	**	5	\$11,500	C
Masonry: Limestone	5%			LIFE	**			C
Plaster	40%			LIFE	**	5	\$11,500	C
Wood	15%			LIFE	**	5	\$57,700	C
Ceilings								
AcousTileSusp.Lay-In	15%			2036	**	5	\$10,000	B
Glass: Susp Panels	20%			LIFE	**			B
Plaster	65%			LIFE	**	5	\$27,200	B
Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								

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Estimates are rounded to the nearest hundred dollars.

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

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DEPARTMENT OF CULTURAL AFFAIRS - 126
METROPOLITAN MUSEUM OF ART WING A
Asset # : 2304

Mechanical	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Utility Steam	100%			2033	**	1		B
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Basement D Channel</i>							
	<i>Explanation : Steam Provided By Con Edison</i>							
<hr/>								
Conversion Equipment								
Pres. Reducing Valve/LP Steam	100%			2026	**	5	\$2,800	B
<hr/>								
Distribution								
Hot Wtr Piping/Pump	10%	Now	\$400	2022	\$18,400	4	\$200	B
	<i>Corroded, Extent : Moderate, Area Affected : 5%</i>							
	<i>Location : Mech Room</i>							
Steam Piping/Pump	90%	Now	\$69,100	2033	**	4	\$2,100	B
	<i>Corroded, Extent : Severe, Area Affected : 40%</i>							
	<i>Location : Throughout</i>							
	<i>Malfunctioning, Extent : Severe, Area Affected : 20%</i>							
	<i>Location : Pneumatic Control System</i>							
	<i>Steam Traps Faulty, Extent : Moderate, Area Affected : 20%</i>							
	<i>Location : Various Areas</i>							
<hr/>								
Terminal Devices								
Air Handler	60%	Now	\$19,000	2023	\$189,600	1	\$16,000	B
	<i>Corroded, Extent : Moderate, Area Affected : 30%</i>							
	<i>Location : Fan Housings Rusted Through</i>							
Convactor/Radiator	10%			2028	**	1	\$1,600	B
Fan Coil Unit/Heat	30%			2028	**	1	\$4,600	B
	<i>Other Observation, Extent : Light, Area Affected : 20%</i>							
	<i>Location : Attic Of 2nd Floor Gallery</i>							
	<i>Explanation : Reheat Units</i>							
<hr/>								
Air Conditioning								
Energy Source								
District C.W.	90%			2033	**	1		B
	<i>Other Observation, Extent : Light, Area Affected : 90%</i>							
	<i>Location : W Wing</i>							
	<i>Explanation : Chilled Water Comes From W Wing</i>							
Electricity	10%			2031	**	1		B
<hr/>								
Conversion Equipment								
Int Pkg Unit - Cooling	10%			2021	\$132,600	2	\$300	B
No Component	90%							D
	<i>Other Observation, Extent : Light, Area Affected : 0%</i>							
	<i>Location : W Wing</i>							
	<i>Explanation : Chilled Water Comes From W Wing</i>							
<hr/>								
Distribution								
Chilled Wtr Pipe/Pump	90%	Now	\$600	2023	\$12,600	4	\$2,100	B
	<i>Corroded, Extent : Moderate, Area Affected : 10%</i>							
	<i>Location : Various Areas</i>							
No Component	10%							D

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
METROPOLITAN MUSEUM OF ART WING A
Asset # : 2304

Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Air Conditioning								
Terminal Devices								
Air Handler/Cool/Ht	90%	Now	\$400	2023	\$22,400	1	\$24,000	B
<i>Leak Evident, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Coils Connections</i>								
No Component	10%							D
Ventilation								
Distribution								
Ductwork/Diffusers	100%	Now	\$6,500	LIFE	**	2-5	\$26,600	B
<i>Corroded, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Sheet Metal Ducts Rusted Through</i>								
<i>Faulty Air Intake, Extent : Severe, Area Affected : 70%</i>								
<i>Location : Louvers Are Inoperable, Air Dampers Are Not Working Properly</i>								
Exhaust Fans								
Interior	80%			2023	\$14,500	2	\$1,200	B
Roof	20%			2018	\$3,000	2	\$300	B
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2023	\$175,000	1		B
Water Heater								
Electric	20%			2018	\$1,800	4	\$100	B
No Component	80%							D
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		B
Storm Drain Piping								
Cast Iron	100%			LIFE	**	1		B
Sump Pump(s)								
Rigid Piping	100%			2018	\$11,100	4	\$1,300	B
Sewage Ejector(s)								
Electric	100%			2018	\$11,100	4	\$1,300	B
Fixtures								
Generic	100%							B
Fire Suppression								
Standpipe								
Generic	100%			2033	**	1-5	\$25,000	B
Sprinkler								
No Component	80%							D
Generic	20%			2049	**	1-2	\$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.

Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : METROPOLITAN MUSEUM OF ART WING B
Address : 5TH AVE & 82ND STREET
Borough : MANHATTAN **Agency's Number** : N/A
Program / Asset # : DCA0001.B00 / 2305 **Yr Built/Renovated** : 1888 / 2012
Area Sq Ft : 71,738 **Project Type** : CULTURAL AFFAIRS
Date of Survey : 13-Jun-2012 **Landmark Status** : INTERIOR, EXTERIOR, H-DISTRICT
Areas Surveyed : Basement, Roof, Floors 1,2,3,atc
Block : 1111 **Lot** : 1 **BIN** : 1083810

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$1,368,900	\$399,700
Interior Architecture	\$40,100	
Mechanical	\$240,100	\$163,000
Total	\$1,649,100	\$562,700
Priority A	\$1,368,900	\$399,700
Priority B	\$240,100	\$163,000
Priority C	\$40,100	
Total	\$1,649,100	\$562,700

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$29,400	\$4,700		\$200
Interior Architecture		\$8,800	\$2,200	
Mechanical	\$41,200	\$8,900	\$12,400	\$32,400
Total	\$70,600	\$22,400	\$14,600	\$32,600
Priority A	\$29,400	\$4,700		\$200
Priority B	\$41,200	\$8,900	\$12,400	\$32,400
Priority C		\$8,800	\$2,200	
Total	\$70,600	\$22,400	\$14,600	\$32,600



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

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
METROPOLITAN MUSEUM OF ART WING B
Asset # : 2305

Architecture	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	20%	Now	\$151,600	LIFE	**	5	\$21,000	A
<i>Diagonal Cracks, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Fan Room</i>								
<i>Horizontal Cracks, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Fan Room</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Fan Room</i>								
Masonry: Limestone	30%	Now	\$212,400	LIFE	**	5	\$23,600	A
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Wall Adjacent To Esda Wing</i>								
<i>Staining/Discoloring, Extent : Light, Area Affected : 15%</i>								
<i>Location : West Facade</i>								
No Component	50%							D
Windows								
Metal Clad	20%	Now	\$218,800	2048	**	5	\$10,700	A
<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Bulkheads, Fan Room</i>								
<i>Deformed/Dented, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Bulkheads, Fan Room</i>								
<i>Thermally Inefficient, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Bulkheads, Fan Room</i>								
No Component	80%							D
Parapets								
Masonry: Brick	70%	Now	\$21,500	LIFE	**	5	\$1,500	A
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Bulkheads, Fan Room</i>								
<i>Diagonal Cracks, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Bulkheads, Fan Room</i>								
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Bulkheads, Fan Room</i>								
Masonry: Limestone	5%			LIFE	**	5	\$100	A
Metal Panel	5%			2043	**	5	\$400	A
Metal Rail	20%			2036	**	5-10	\$7,700	A

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

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
METROPOLITAN MUSEUM OF ART WING B
Asset # : 2305

Architecture	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Roof								
Built-Up (BUR)	5%			2031	**	10	\$2,700	A
Metal Panel	10%	Now	\$8,000	2036	**			A
<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Sloped Roof</i>								
Modified Bitumen	30%			2031	**	10	\$16,400	A
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Flat Sections</i>								
Sloped Glazing	50%	0-2	\$786,100	LIFE	**	5	\$363,400	A
<i>Condensation Present, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Attic Space</i>								
<i>Corrosion/Rusting, Extent : Severe, Area Affected : 60%</i>								
<i>Location : Throughout</i>								
<i>Glazing Broken/Cracked, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Attic Space</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Attic Space</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Over Attic Spaces</i>								
<i>Explanation : This Roof Is Actually Corrugated Glazing.</i>								
Sloped Glazing	5%			LIFE	**	5	\$36,300	A
Interior								
Floors								
Carpet	20%			2022		3	\$26,400	C
Ceramic Tile	5%			2032	**	5	\$4,400	C
Marble Panels	15%			LIFE	**	5	\$9,900	C
Terrazzo	15%			LIFE	**	5	\$10,300	C
Wood	20%	Now	\$40,100	2038	**	5	\$16,500	C
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Exhibit Areas</i>								
Under Construction	25%							D
Interior Walls								
Gypsum Board	25%			LIFE	**	5	\$3,600	C
Masonry: Brick	5%			LIFE	**			C
Marble Panels	5%			LIFE	**			C
Plaster	10%			LIFE	**	5	\$700	C
Plaster	30%			LIFE	**	5	\$2,200	C
Under Construction	25%							D
Ceilings								
Glass: Susp Panels	30%			LIFE	**			B
Gypsum Board	20%			LIFE	**	5	\$17,000	B
Plaster	15%			LIFE	**	5	\$6,400	B
Plaster	35%			LIFE	**	5	\$14,900	B

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

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

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DEPARTMENT OF CULTURAL AFFAIRS - 126
METROPOLITAN MUSEUM OF ART WING B
Asset # : 2305

Mechanical	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Utility Steam	100%			2033	**	1		B
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Basement D Channel</i>							
	<i>Explanation : Steam Provided By Con Edison</i>							
Conversion Equipment								
Pres. Reducing Valve/LP Steam	100%			2026	**	5	\$3,500	B
Distribution								
Hot Wtr Piping/Pump	10%	Now	\$1,100	2022	\$22,600	4	\$300	B
	<i>Corroded, Extent : Moderate, Area Affected : 10%</i>							
	<i>Location : 3rd Floor Mech Room</i>							
Steam Piping/Pump	90%	Now	\$84,800	2033	**	4	\$2,600	B
	<i>Corroded, Extent : Severe, Area Affected : 30%</i>							
	<i>Location : Throughout</i>							
	<i>Steam Traps Faulty, Extent : Moderate, Area Affected : 20%</i>							
	<i>Location : Various Areas</i>							
Terminal Devices								
Air Handler	40%			2018	\$155,300	1	\$14,500	B
Air Handler	20%			2028	**	1	\$7,300	B
Convactor/Radiator	10%			2028	**	1	\$1,900	B
Fan Coil Unit/Heat	30%			2028	**	1	\$5,700	B
	<i>Other Observation, Extent : Light, Area Affected : 20%</i>							
	<i>Location : Attic Of 2nd Floor Gallery</i>							
	<i>Explanation : Reheat Units</i>							
Air Conditioning								
Energy Source								
District C.W.	90%			2033	**	1		B
Electricity	10%			2031	**	1		B
Conversion Equipment								
Int Pkg Unit - Cooling	10%			2021	\$163,000	2	\$400	B
No Component	90%							D
	<i>Other Observation, Extent : Light, Area Affected : 0%</i>							
	<i>Location : W Wing</i>							
	<i>Explanation : Chilled Water Comes From W Wing</i>							
Distribution								
Chilled Wtr Pipe/Pump	90%	Now	\$3,100	2033	**	4	\$2,600	B
	<i>Corroded, Extent : Severe, Area Affected : 30%</i>							
	<i>Location : Throughout</i>							
No Component	10%							D
Terminal Devices								
Air Handler/Cool/Ht	50%	Now	\$300	2018	\$15,300	1	\$16,400	B
	<i>Leak Evident, Extent : Moderate, Area Affected : 10%</i>							
	<i>Location : Coils Connections</i>							
Air Handler/Cool/Ht	30%			2028	**	1	\$10,900	B
No Component	20%							D
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.

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
METROPOLITAN MUSEUM OF ART WING B
Asset # : 2305

Mechanical	Current Repair		Future Replacement		Maintenance		Priority Code	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Ventilation								
Distribution								
Ductwork/Diffusers	100%	Now	\$8,000	LIFE	* *	2-5	\$32,700	B
<i>Faulty Air Intake, Extent : Severe, Area Affected : 30%</i>								
<i>Location : Air Dampers Are Not Working Properly</i>								
Exhaust Fans								
Interior	80%			2023	\$17,900	2	\$1,500	B
Roof	20%			2023	\$3,600	2	\$400	B
Plumbing								
H/C Water Piping								
Brass/Copper	100%	0-2	\$21,500	2033	* *	1		B
<i>Corroded, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Basement</i>								
Water Heater								
Electric	10%			2018	\$1,100	4		B
No Component	90%							D
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		B
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		B
Fire Suppression								
Standpipe								
Generic	100%			2033	* *	1-5	\$30,700	B
Sprinkler								
No Component	80%							D
Generic	20%			2049	* *	1-2	\$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.

Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : METROPOLITAN MUSEUM OF ART WING C
Address : 5TH AVE & 82ND STREET
Borough : MANHATTAN **Agency's Number** : N/A
Program / Asset # : DCA0001.C00 / 2306 **Yr Built/Renovated** : 1894 /
Area Sq Ft : 87,468 **Project Type** : CULTURAL AFFAIRS
Date of Survey : 13-Jun-2012 **Landmark Status** : INTERIOR, EXTERIOR, H-DISTRICT
Areas Surveyed : Basement, Roof, Floors 1,2,3,atc
Block : 1111 **Lot** : 1 **BIN** : 1083810

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$739,900	\$174,800
Interior Architecture	\$97,700	\$991,800
Mechanical	\$387,400	\$361,500
Total	\$1,225,000	\$1,528,200
Priority A	\$739,900	\$174,800
Priority B	\$387,400	\$361,500
Priority C	\$97,700	\$991,800
Total	\$1,225,000	\$1,528,200

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$700	\$4,000		\$19,700
Interior Architecture		\$10,700	\$1,300	
Mechanical	\$75,200	\$12,000	\$15,300	\$65,000
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$79,900	\$30,600	\$20,600	\$88,600
Priority A	\$700	\$4,000		\$19,700
Priority B	\$79,100	\$15,900	\$19,200	\$68,900
Priority C		\$10,700	\$1,300	
Total	\$79,900	\$30,600	\$20,600	\$88,600



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

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
METROPOLITAN MUSEUM OF ART WING C
Asset # : 2306

Architecture	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	20%	Now	\$60,500	LIFE	**	5	\$16,700	A
	<i>Horizontal Cracks, Extent : Moderate, Area Affected : 10%</i>							
	<i>Location : Fan Room Wall</i>							
	<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 5%</i>							
	<i>Location : Fan Room Wall</i>							
	<i>Recent Repair Evident, Extent : Light, Area Affected : 20%</i>							
	<i>Location : Throughout</i>							
Panel/Paver: Limestone	30%			LIFE	**	5	\$18,800	A
No Component	50%							D
Windows								
Glass Block	2%			LIFE	**	5	\$200	A
Metal Clad	13%	Now	\$112,100	2048	**	5	\$5,500	A
	<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 50%</i>							
	<i>Location : Bulkheads, Courtyard</i>							
	<i>Deformed/Dented, Extent : Moderate, Area Affected : 25%</i>							
	<i>Location : Bulkheads, Courtyard</i>							
No Component	85%							D
Parapets								
Concrete Masonry Unit	10%			LIFE	**	5	\$200	A
Masonry: Brick	70%			LIFE	**	5	\$1,500	A
Masonry: Limestone	5%			LIFE	**	5	\$100	A
Metal Rail	15%	Now	\$700	2028	**	5	\$2,300	A
	<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 25%</i>							
	<i>Location : Bulkheads</i>							
	<i>Deteriorated Finish, Extent : Moderate, Area Affected : 25%</i>							
	<i>Location : Bulkheads</i>							
Roof								
IRMA/Protected Membrane	10%			2028	**	10	\$4,400	A
IRMA/Protected Membrane	10%			2028	**	10	\$4,400	A
	<i>Paver Block Ballast, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Flat Roof</i>							
Metal Panel	5%			2036	**	10	\$4,000	A
Modified Bitumen	25%			2028	**	10	\$10,900	A
Skylight, Metal/Glass	20%			2043	**	10	\$29,100	A
Sloped Glazing	30%	Now	\$567,200	LIFE	**	5	\$174,800	A
	<i>Condensation Present, Extent : Moderate, Area Affected : 25%</i>							
	<i>Location : Over Attic Space</i>							
	<i>Glazing Broken/Cracked, Extent : Moderate, Area Affected : 25%</i>							
	<i>Location : Over Attic Space</i>							
	<i>Water Penetration, Extent : Moderate, Area Affected : 15%</i>							
	<i>Location : Over Attic Space</i>							
Interior								

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

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
METROPOLITAN MUSEUM OF ART WING C
Asset # : 2306

Architecture		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Interior								
Floors								
Carpet	20%			2019	\$136,200	3	\$32,100	C
Cast in Place Concrete	5%			LIFE	**	5	\$11,700	C
Marble Panels	10%			LIFE	**	5	\$8,000	C
Slate	5%			LIFE	**	5	\$5,700	C
Terrazzo	10%			LIFE	**	5	\$8,400	C
Vinyl Tile	10%			2023	\$109,800	3	\$4,000	C
<i>Other Observation, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Laboratory</i>								
<i>Explanation : 9 X 9 Tiles</i>								
Wood	40%	Now	\$97,700	2038	**	5	\$40,200	C
<i>Poor Subfloor Evident, Extent : Light, Area Affected : 10%</i>								
<i>Location : Second Floor Exhibit Areas</i>								
<i>Split/Cracked, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Second Floor Exhibit Areas</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
Interior Walls								
Fabric on Framing	35%			2024	\$841,800	5	\$14,200	C
Gypsum Board	10%			LIFE	**	5	\$4,900	C
Masonry: Brick	5%			LIFE	**			C
Plaster	15%			LIFE	**	5	\$3,700	C
Plaster	35%			LIFE	**	5	\$8,500	C
Ceilings								
Exposed Concrete	5%			LIFE	**	5	\$800	B
Glass: Susp Panels	40%			LIFE	**			B
Gypsum Board	10%			LIFE	**	5	\$13,400	B
Plaster	35%			LIFE	**	5	\$23,400	B
Plaster	10%			LIFE	**	5	\$6,700	B

Mechanical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating								
Energy Source								
Utility Steam	100%			2033	**	1		B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement D Channel</i>								
<i>Explanation : Steam Provided By Con Edison</i>								
Conversion Equipment								
Pres. Reducing Valve/LP Steam	100%			2026	**	5	\$4,300	B

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

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
METROPOLITAN MUSEUM OF ART WING C
Asset # : 2306

Mechanical	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Distribution								
Hot Wtr Piping/Pump	10%	Now	\$1,400	2022	\$27,600	4	\$400	B
	<i>Corroded, Extent : Moderate, Area Affected : 10%</i>							
	<i>Location : Mech Room</i>							
Steam Piping/Pump	90%	Now	\$103,400	2033	**	4	\$3,200	B
	<i>Corroded, Extent : Severe, Area Affected : 40%</i>							
	<i>Location : Throughout</i>							
	<i>Malfunctioning, Extent : Moderate, Area Affected : 10%</i>							
	<i>Location : Pneumatic Control System</i>							
	<i>Steam Traps Faulty, Extent : Moderate, Area Affected : 20%</i>							
	<i>Location : Various Areas</i>							
Terminal Devices								
Air Handler	60%	Now	\$28,400	2018	\$284,000	1	\$23,900	B
	<i>Corroded, Extent : Moderate, Area Affected : 30%</i>							
	<i>Location : 3rd Floor Mech Room</i>							
	<i>Leak Evident, Extent : Moderate, Area Affected : 5%</i>							
	<i>Location : Drip Pan, 3rd Floor Mech Room</i>							
Convactor/Radiator	10%			2028	**	1	\$2,300	B
Fan Coil Unit/Heat	30%			2028	**	1	\$7,000	B
	<i>Other Observation, Extent : Light, Area Affected : 20%</i>							
	<i>Location : Attic Of 2nd Floor Gallery</i>							
	<i>Explanation : Reheat Units</i>							
Air Conditioning								
Energy Source								
District C.W.	95%			2033	**	1		B
	<i>Other Observation, Extent : Light, Area Affected : 90%</i>							
	<i>Location : W Wing Basement</i>							
	<i>Explanation : Chilled Water Comes From W Wing</i>							
Electricity	5%			2031	**	1		B
Conversion Equipment								
Int Pkg Unit - Cooling	5%			2021	\$99,300	2	\$200	B
No Component	95%							D
	<i>Other Observation, Extent : Light, Area Affected : 0%</i>							
	<i>Location : W Wing</i>							
	<i>Explanation : Chilled Water Comes From W Wing</i>							
Distribution								
Chilled Wtr Pipe/Pump	95%	Now	\$1,000	2023	\$9,900	4	\$3,400	B
	<i>Corroded, Extent : Severe, Area Affected : 25%</i>							
	<i>Location : Condensate Line, 3rd Floor Mech Room & Various Other Areas</i>							
No Component	5%							D
Terminal Devices								
Air Handler/Cool/Ht	95%			2018	\$17,700	1	\$42,100	B
	<i>Leak Evident, Extent : Moderate, Area Affected : 10%</i>							
	<i>Location : Coils Connections</i>							
No Component	5%							D
Ventilation								

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
METROPOLITAN MUSEUM OF ART WING C
Asset # : 2306

Mechanical	Current Repair		Future Replacement		Maintenance		Priority Code	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Ventilation								
Distribution								
Ductwork/Diffusers	100%	Now	\$9,800	LIFE	* *	2-5	\$39,900	B
<i>Corroded, Extent : Light, Area Affected : 5%</i>								
<i>Location : Supply Ducts</i>								
<i>Faulty Air Intake, Extent : Severe, Area Affected : 60%</i>								
<i>Location : Louvers Are Inoperable, Air Dampers Are Not Working Properly</i>								
Exhaust Fans								
Interior	90%			2018	\$24,500	2	\$2,000	B
Roof	10%			2018	\$2,200	2	\$200	B
Plumbing								
H/C Water Piping								
Brass/Copper	100%	0-2	\$26,200	2023	\$262,200	1		B
<i>Corroded, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Various Areas</i>								
Water Heater								
Electric	10%			2021	\$1,400	4		B
No Component	90%							D
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		B
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		B
Fixtures								
Generic	100%							B
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			C
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : G, I, M, 2</i>								
<i>Explanation : 1 Unit</i>								
Fire Suppression								
Standpipe								
Generic	100%			2033	* *	1-5	\$37,500	B
Sprinkler								
No Component	80%							D
Generic	20%			2049	* *	1-2	\$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.

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

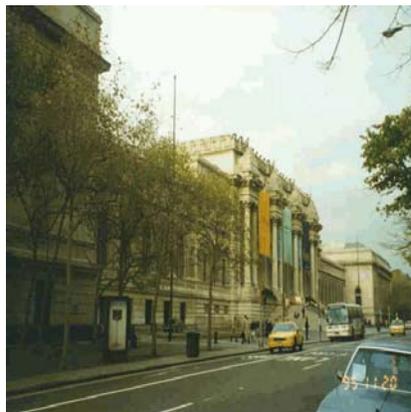
Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : METROPOLITAN MUSEUM OF ART WING CC
Address : 5TH AVE & 82ND STREET
Borough : MANHATTAN **Agency's Number** : N/A
Program / Asset # : DCA0001.CC0 / 152 **Yr Built/Renovated** : 1979 /
Area Sq Ft : 50,854 **Project Type** : CULTURAL AFFAIRS
Date of Survey : 15-Jun-2012 **Landmark Status** : INTERIOR, EXTERIOR, H-DISTRICT
Areas Surveyed : Basement, Roof, Floors 1,2,3
Block : 1111 **Lot** : 1 **BIN** : 1083810

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Exterior Architecture		\$135,600
Interior Architecture	\$80,300	
Mechanical		\$464,500
Total	\$80,300	\$600,000
Priority A		\$135,600
Priority B		\$464,500
Priority C	\$80,300	
Total	\$80,300	\$600,000

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$12,100			\$24,000
Interior Architecture		\$6,200		
Mechanical	\$40,700	\$6,200	\$10,900	\$16,300
Elevators/Escalators	\$4,900	\$4,900	\$4,900	\$4,900
Total	\$57,700	\$17,300	\$15,900	\$45,200
Priority A	\$12,100			\$24,000
Priority B	\$45,700	\$11,100	\$15,900	\$21,200
Priority C		\$6,200		
Total	\$57,700	\$17,300	\$15,900	\$45,200



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

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

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

**DEPARTMENT OF CULTURAL AFFAIRS - 126
METROPOLITAN MUSEUM OF ART WING CC**

Asset # : 152

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Concrete Masonry Unit	5%			LIFE	**	5	\$900	A
Window Wall	10%			2043	**	5	\$11,100	A
No Component	85%							D
Parapets								
Metal Rail	100%			2028	**	5-10	\$5,600	A
Roof								
IRMA/Protected Membrane	25%			2023	\$75,300	10	\$7,500	A
IRMA/Protected Membrane	20%	Now	\$12,100	2023	\$60,200			A
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : New Members Lounge</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Over New Members Lounge</i>								
Modified Bitumen	50%			2028	**	10	\$15,000	A
Skylight, Plastic	5%			2036	**	1		A
Interior								
Floors								
Carpet	20%			2022	\$79,200	3	\$18,700	C
Cast in Place Concrete	10%			LIFE	**	5	\$13,600	C
Marble Panels	30%			LIFE	**	5	\$14,000	C
Terrazzo	40%	Now	\$80,300	LIFE	**	5	\$19,500	C
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Store</i>								
Interior Walls								
Gypsum Board	50%			LIFE	**	5	\$17,500	C
Plaster	25%			LIFE	**	5	\$4,400	C
Plywood/Hardboard	25%			LIFE	**			C
Ceilings								
Exposed Concrete	35%			LIFE	**	5	\$3,300	B
Gypsum Board	15%			LIFE	**	5	\$11,400	B
Plaster	50%			LIFE	**	5	\$19,000	B

Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Utility Steam	100%			2033	**	1		B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement D Tunnel</i>								
<i>Explanation : Steam Provided By Con Edison</i>								

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

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

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

**DEPARTMENT OF CULTURAL AFFAIRS - 126
METROPOLITAN MUSEUM OF ART WING CC**

Asset # : 152

Mechanical	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Conversion Equipment								
Heat Exchanger	10%			2026	**	1	\$2,100	B
Pres. Reducing Valve/LP Steam	90%			2032	**	5	\$2,200	B
Distribution								
Hot Wtr Piping/Pump	10%	Now	\$800	2031	**	4	\$200	B
<i>Corroded, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : 4th Floor Mech Equip Room</i>								
Steam Piping/Pump	90%	Now	\$10,000	2033	**	4	\$1,900	B
<i>Corroded, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Various Areas</i>								
Terminal Devices								
Air Handler	90%	Now	\$12,400	2023	\$247,700	1	\$20,900	B
<i>Leak Evident, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Coil Connections</i>								
<i>Malfunctioning, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Pneumatic Control System</i>								
Convactor/Radiator	10%			2028	**	1	\$1,400	B
Air Conditioning								
Energy Source								
District C.W.	100%			2033	**	1		B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : Chilled Water From W Wing</i>								
Distribution								
Chilled Wtr Pipe/Pump	100%	0-2	\$6,100	2033	**	4	\$2,100	B
<i>Corroded, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
Terminal Devices								
Air Handler/Cool/Ht	100%			2023	\$216,800	1	\$25,800	B
Ventilation								
Distribution								
Ductwork/Diffusers	100%	Now	\$5,700	LIFE	**	2-5	\$23,200	B
<i>Faulty Air Intake, Extent : Severe, Area Affected : 5%</i>								
<i>Location : Louvers Are Inoperable, Throughout</i>								
<i>Unbalanced System, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
Exhaust Fans								
Interior	70%			2023	\$11,100	2	\$900	B
Roof	30%	Now	\$800	2018	\$3,900	2	\$300	B
<i>Corroded, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Roof</i>								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2033	**	1		B
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		B

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

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

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

**DEPARTMENT OF CULTURAL AFFAIRS - 126
METROPOLITAN MUSEUM OF ART WING CC**

Asset # : 152

Mechanical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Plumbing								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		B
Fixtures								
Generic	100%							B
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			C
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : G, I, M, 2, 3, 4</i>						
		<i>Explanation : 1 Unit</i>						
Fire Suppression								
Standpipe								
Generic	100%			2033	* *	1-5	\$21,800	B
Sprinkler								
No Component	80%							D
Generic	20%			2049	* *	1-2	\$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.*

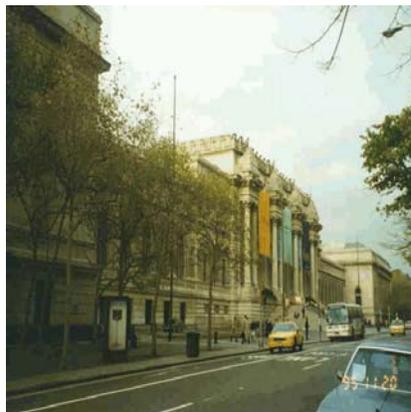
Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : METROPOLITAN MUSEUM OF ART WING D
Address : 5TH AVE & 82ND STREET
Borough : MANHATTAN **Agency's Number** : N/A
Program / Asset # : DCA0001.D00 / 2307 **Yr Built/Renovated** : 1902 /
Area Sq Ft : 115,293 **Project Type** : CULTURAL AFFAIRS
Date of Survey : 12-Jun-2012 **Landmark Status** : INTERIOR, EXTERIOR, H-DISTRICT
Areas Surveyed : Basement, Roof, Floors 1,2,3,4,5,atc
Block : 1111 **Lot** : 1 **BIN** : 1083810

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$572,600	\$214,900
Interior Architecture		\$235,600
Mechanical	\$148,700	\$111,300
Total	\$721,300	\$561,800
Priority A	\$572,600	\$214,900
Priority B	\$148,700	\$208,400
Priority C		\$138,600
Total	\$721,300	\$561,800

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture		\$82,600		\$21,200
Interior Architecture		\$10,600	\$5,400	\$6,600
Mechanical	\$13,000	\$13,900	\$24,300	\$28,000
Elevators/Escalators	\$14,000	\$14,000	\$14,000	\$14,000
Total	\$27,000	\$121,100	\$43,700	\$69,800
Priority A		\$82,600		\$21,200
Priority B	\$27,000	\$27,900	\$38,300	\$42,000
Priority C		\$10,600	\$5,400	\$6,600
Total	\$27,000	\$121,100	\$43,700	\$69,800



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

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
METROPOLITAN MUSEUM OF ART WING D
Asset # : 2307

Architecture	Current Repair		Future Replacement		Maintenance		Priority Code	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Exterior								
Exterior Walls								
Masonry: Brick	10%			LIFE	**	5	\$7,300	A
Masonry: Granite	5%			LIFE	**	5	\$2,700	A
Masonry: Limestone	70%			LIFE	**	5	\$38,400	A
Stucco Cement	15%			2036	**	5	\$27,400	A
Windows								
Aluminum	30%			2039	**	5	\$1,200	A
Bronze/Brass	70%			2031	**	5	\$17,200	A
Parapets								
Masonry: Limestone	60%			LIFE	**	5	\$5,400	A
Metal Rail	40%			2036	**	5-10	\$51,400	A
Roof								
IRMA/Protected Membrane	40%			2028	**	10	\$21,200	A
<i>Paver Block Ballast, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Flat Sections</i>								
Metal Panel	30%			2036	**	10	\$29,100	A
Skylight, Plastic	5%			2036	**	1		A
Sloped Glazing	25%	Now	\$572,600	LIFE	**	5	\$176,500	A
<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 60%</i>								
<i>Location : Throughout</i>								
<i>Glazing Broken/Cracked, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Over Attic</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Attic Over Domes</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : This Is Actually Corrugated Glazing.</i>								
Interior								
Floors								
Carpet	15%			2019	\$134,700	3	\$31,800	C
Cast in Place Concrete	10%			LIFE	**	5	\$30,900	C
Granite Panels	5%			LIFE	**	5	\$5,300	C
Terrazzo	10%			LIFE	**	5	\$11,000	C
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Mezzanine</i>								
Terrazzo	50%			LIFE	**	5	\$55,100	C
Vinyl Tile	5%			2023	\$72,400	3	\$2,600	C
Wood	5%			2038	**	5	\$13,200	C
Interior Walls								
Ceramic Tile	5%			2032	**	5	\$9,000	C
Gypsum Board	30%			LIFE	**	5	\$32,500	C
Panel/Paver: Limestone	40%			LIFE	**			C
Plaster	25%			LIFE	**	5	\$13,500	C

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

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
METROPOLITAN MUSEUM OF ART WING D
Asset # : 2307

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

Interior

Ceilings

Exposed Concrete	5%			LIFE	**	5	\$1,100	B
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Recent Repair Evident, Extent : Light, Area Affected : 50%
Location : Mechanical Space Below Front Steps

Glass: Susp Panels	10%			LIFE	**			B
Gypsum Board	35%			LIFE	**	5	\$61,800	B
Masonry: Infill Arch	10%			LIFE	**			B
Plaster	25%			LIFE	**	5	\$22,100	B
Plaster	15%			LIFE	**	5	\$13,200	B

Water Penetration, Extent : Moderate, Area Affected : 10%
Location : Budda Gallery

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

Heating

Energy Source

Utility Steam	100%			2033	**	1		B
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Other Observation, Extent : Light, Area Affected : 100%
Location : Basement
Explanation : Steam Provided By Con Edison

Conversion Equipment

Pres. Reducing Valve/LP Steam	100%			2032	**	5	\$5,600	B
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Distribution

Hot Wtr Piping/Pump	10%			2031	**	4	\$700	B
Steam Piping/Pump	90%	Now	\$36,400	2033	**	4	\$4,200	B

Leak Evident, Extent : Moderate, Area Affected : 5%
Location : Vacuum Condensate Pump & Piping, Various Areas
Steam Traps Faulty, Extent : Moderate, Area Affected : 5%
Location : Various Areas

Terminal Devices

Air Handler	100%	Now	\$62,400	2028	**	1	\$52,600	B
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Leak Evident, Extent : Moderate, Area Affected : 5%
Location : Coil Connections, Various Areas
Malfunctioning, Extent : Moderate, Area Affected : 5%
Location : Pneumatic Control System
Other Observation, Extent : Severe, Area Affected : 10%
Location : Attic
Explanation : No Heating Device In Attic, Causing Condensae Water To Drip From Ductwork

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.

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
METROPOLITAN MUSEUM OF ART WING D
Asset # : 2307

Mechanical	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Air Conditioning								
Energy Source								
District C.W.	95%			2043	**	1		B
	<i>Other Observation, Extent : Light, Area Affected : 95%</i>							
	<i>Location : W Wing Basement</i>							
	<i>Explanation : Chilled Water Comes From W Wing</i>							
Electricity	5%			2031	**	1		B
Conversion Equipment								
Int Pkg Unit - Cooling	5%			2021	\$74,500	2	\$300	B
	<i>R-22 Refrigerant, Extent : Light, Area Affected : 5%</i>							
	<i>Location : Office</i>							
No Component	95%							D
	<i>Other Observation, Extent : Light, Area Affected : 0%</i>							
	<i>Location : W Wing</i>							
	<i>Explanation : Chilled Water Comes From W Wing</i>							
Distribution								
Chilled Wtr Pipe/Pump	95%	0-2	\$2,700	2033	**	4	\$4,400	B
	<i>Corroded, Extent : Moderate, Area Affected : 20%</i>							
	<i>Location : Throughout</i>							
No Component	5%							D
Terminal Devices								
Air Handler/Cool/Ht	95%			2028	**	1	\$55,500	B
	<i>Other Observation, Extent : Moderate, Area Affected : 20%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : Lack Of A C In This Wing According To Stationary Engineer</i>							
No Component	5%							D
Ventilation								
Distribution								
Ductwork/Diffusers	100%	Now	\$49,900	LIFE	**	2-5	\$52,600	B
	<i>Faulty Air Intake, Extent : Severe, Area Affected : 5%</i>							
	<i>Location : Louvers Are Inoperable, Throughout</i>							
	<i>Unbalanced System, Extent : Moderate, Area Affected : 5%</i>							
	<i>Location : Throughout</i>							
Exhaust Fans								
Interior	60%			2028	**	2	\$1,700	B
Roof	40%			2023	\$36,800	2	\$1,200	B
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2033	**	1		B
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		B
Storm Drain Piping								
Cast Iron	100%			LIFE	**	1		B
Sump Pump(s)								
Not Accessible	100%							D
Sewage Ejector(s)								
Not Accessible	100%							D

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

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

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DEPARTMENT OF CULTURAL AFFAIRS - 126
METROPOLITAN MUSEUM OF ART WING D
Asset # : 2307

Mechanical	Current Repair		Future Replacement		Maintenance		Priority Code	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Plumbing								
Fixtures								
Generic	100%							B
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	**			C
		<i>Other Observation, Extent : Light, Area Affected : 40%</i>						
		<i>Location : G, 1, 2, 3, 4, 5</i>						
		<i>Explanation : 1 Unit</i>						
Escalators								
Over 20' Rise	50%			LIFE	**			C
		<i>Other Observation, Extent : Light, Area Affected : 30%</i>						
		<i>Location : G To 1</i>						
		<i>Explanation : 1 Unit</i>						
Under 20' Rise	50%			LIFE	**			C
		<i>Other Observation, Extent : Light, Area Affected : 30%</i>						
		<i>Location : 1 To 1m, 1m To 2</i>						
		<i>Explanation : 2 Units</i>						
Fire Suppression								
Standpipe								
Generic	100%			2033	**	1-5	\$49,400	B
Sprinkler								
No Component	80%							D
Generic	20%			2049	**	1-2	\$5,300	B

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

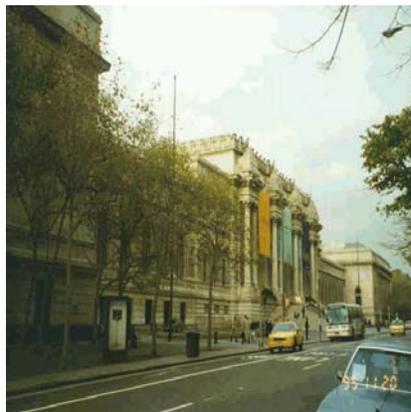
Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : METROPOLITAN MUSEUM OF ART WING E
Address : 5TH AVE & 82ND STREET
Borough : MANHATTAN **Agency's Number** : N/A
Program / Asset # : DCA0001.E00 / 150 **Yr Built/Renovated** : 1911 /
Area Sq Ft : 43,776 **Project Type** : CULTURAL AFFAIRS
Date of Survey : 12-Jun-2012 **Landmark Status** : INTERIOR, EXTERIOR, H-DISTRICT
Areas Surveyed : Basement, Roof, Floors 1,2,atc
Block : 1111 **Lot** : 1 **BIN** : 1083810

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$434,800	\$290,500
Mechanical	\$189,500	\$165,200
Total	\$624,300	\$455,800
Priority A	\$434,800	\$290,500
Priority B	\$189,500	\$165,200
Total	\$624,300	\$455,800

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$30,300	\$16,600		
Interior Architecture	\$85,200	\$1,000	\$2,400	\$6,700
Mechanical	\$61,400	\$4,800	\$8,600	\$37,100
Total	\$177,000	\$22,400	\$11,000	\$43,800
Priority A	\$30,300	\$16,600		
Priority B	\$61,400	\$4,800	\$8,600	\$37,100
Priority C	\$85,200	\$1,000	\$2,400	\$6,700
Total	\$177,000	\$22,400	\$11,000	\$43,800



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

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
METROPOLITAN MUSEUM OF ART WING E
Asset # : 150

Architecture	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	25%	Now	\$26,400	LIFE	**	5	\$7,300	A
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Bulkheads, Courtyard</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Courtyard</i>								
Masonry: Granite	5%			LIFE	**	5	\$1,100	A
Panel/Paver: Limestone	45%			LIFE	**	5	\$9,900	A
No Component	25%							D
Windows								
Aluminum	30%			2031	**	5	\$200	A
Bronze/Brass	60%			2031	**	5	\$2,400	A
Steel	10%	Now	\$3,900	2048	**	5	\$400	A
<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Courtyard</i>								
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Courtyard</i>								
<i>Thermally Inefficient, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Courtyard</i>								
Parapets								
Masonry: Brick	28%			LIFE	**	5	\$100	A
Masonry: Limestone	70%			LIFE	**	5	\$400	A
Masonry: Limestone	2%			LIFE	**	5		A
Roof								
IRMA/Protected Membrane	40%			2023		10	\$13,400	A
<i>Insul Miss/Displaced, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Over Egyptian Offices</i>								
Metal Panel	25%			2036	**	10	\$15,400	A
Sloped Glazing	30%	Now	\$434,800	LIFE	**	5	\$134,000	A
<i>Condensation Present, Extent : Severe, Area Affected : 30%</i>								
<i>Location : Attic</i>								
<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout Mullions And Structural Supports</i>								
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Attic</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Over Attic</i>								
<i>Explanation : This Component Is Corrugated Glass.</i>								
Sloped Glazing	5%			LIFE	**	5	\$22,300	A
Interior								

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DEPARTMENT OF CULTURAL AFFAIRS - 126
METROPOLITAN MUSEUM OF ART WING E
Asset # : 150

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
Floors								
Carpet	25%	2-4	\$85,200	2025	**	3	\$20,100	C
<i>Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Second Floor</i>								
<i>Wrinkling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Second Floor</i>								
Ceramic Tile	5%			2032	**	5	\$2,700	C
Granite Panels	30%			LIFE	**	5	\$12,100	C
Marble Panels	10%			LIFE	**	5	\$4,000	C
Slate	5%			LIFE	**	5	\$2,800	C
Terrazzo	10%			LIFE	**	5	\$4,200	C
Vinyl Tile	15%			2028	**	3	\$3,000	C
Interior Walls								
Ceramic Tile	5%			2032	**	5	\$2,100	C
Gypsum Board	20%			LIFE	**	5	\$5,000	C
Plaster	75%			LIFE	**	5	\$9,400	C
Ceilings								
Glass: Susp Panels	15%			LIFE	**			B
Gypsum Board	20%			LIFE	**	5	\$13,400	B
<i>Water Penetration, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Exhibit Space On Second Floor</i>								
Masonry: Infill Arch	10%			LIFE	**			B
Plaster	55%			LIFE	**	5	\$18,400	B

Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Utility Steam	100%			2033	**	1		B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement D Channel</i>								
<i>Explanation : Steam Provided By Con Edison</i>								
Conversion Equipment								
Pres. Reducing Valve/LP Steam	100%			2032	**	5	\$2,100	B

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DEPARTMENT OF CULTURAL AFFAIRS - 126
METROPOLITAN MUSEUM OF ART WING E
Asset # : 150

Mechanical	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Distribution								
Hot Wtr Piping/Pump	10%	Now	\$1,400	2022	\$13,800	4	\$200	B
	<i>Corroded, Extent : Severe, Area Affected : 10%</i>							
	<i>Location : Basement</i>							
Steam Piping/Pump	90%	Now	\$34,500	2033	**	4	\$1,600	B
	<i>Corroded, Extent : Severe, Area Affected : 30%</i>							
	<i>Location : Throughout</i>							
	<i>Insul. Deteriorating, Extent : Moderate, Area Affected : 50%</i>							
	<i>Location : Throughout</i>							
	<i>Malfunctioning, Extent : Severe, Area Affected : 30%</i>							
	<i>Location : Pneumatic Control System</i>							
Terminal Devices								
Air Handler	80%	Now	\$9,500	2018	\$189,500	1	\$16,000	B
	<i>Leak Evident, Extent : Severe, Area Affected : 10%</i>							
	<i>Location : Coils Connections, Various Areas</i>							
Convactor/Radiator	10%			2028	**	1	\$1,200	B
Fan Coil Unit/Heat	10%			2023	\$65,800	1	\$1,200	B
Air Conditioning								
Energy Source								
District C.W.	90%			2033	**	1		B
	<i>Other Observation, Extent : Light, Area Affected : 90%</i>							
	<i>Location : W Wing Basement</i>							
	<i>Explanation : Chilled Water Comes From W Wing</i>							
Electricity	10%			2031	**	1		B
Conversion Equipment								
Int Pkg Unit - Cooling	10%			2021	\$99,400	2	\$200	B
No Component	90%							D
	<i>Other Observation, Extent : Light, Area Affected : 0%</i>							
	<i>Location : W Wing</i>							
	<i>Explanation : Chilled Water Comes From W Wing</i>							
Distribution								
Chilled Wtr Pipe/Pump	90%	Now	\$2,800	2033	**	4	\$1,600	B
	<i>Corroded, Extent : Severe, Area Affected : 60%</i>							
	<i>Location : Throughout</i>							
	<i>Insul. Deteriorating, Extent : Severe, Area Affected : 70%</i>							
	<i>Location : Throughout</i>							
No Component	10%							D
Terminal Devices								
Air Handler/Cool/Ht	70%	Now	\$700	2018	\$13,100	1	\$14,000	B
	<i>Leak Evident, Extent : Moderate, Area Affected : 10%</i>							
	<i>Location : Coils Connections</i>							
Fan Coil - Cool/Heat	20%			2023	\$16,600	1	\$2,300	B
No Component	10%							D
Ventilation								

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
METROPOLITAN MUSEUM OF ART WING E
Asset # : 150

Mechanical System Component Type	Current Repair			Future Replacement		Maintenance		Priority Code
	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Ventilation								
Distribution								
Ductwork/Diffusers	100%	Now	\$9,800	LIFE	* *	2-5	\$20,000	B
<i>Faulty Air Intake, Extent : Severe, Area Affected : 80%</i>								
<i>Location : Louvers Are Inoperable, Air Dampers Are Not Working Properly</i>								
<i>Insul. Deteriorating, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Various Areas</i>								
Exhaust Fans								
Interior	80%			2018	\$10,900	2	\$900	B
Roof	20%			2018	\$2,200	2	\$200	B
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2033	* *	1		B
Water Heater								
Electric	10%			2018	\$700	4		B
No Component	90%							D
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		B
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		B
Sump Pump(s)								
Rigid Piping	100%			2023	\$11,100	4	\$2,000	B
Fixtures								
Generic	100%							B
Fire Suppression								
Standpipe								
Generic	100%			2033	* *	1-5	\$18,800	B
Sprinkler								
No Component	80%							D
Generic	20%			2049	* *	1-2	\$2,000	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.

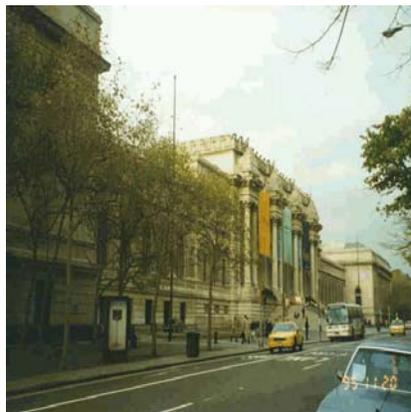
Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : METROPOLITAN MUSEUM OF ART WING F
Address : 5TH AVE & 82ND STREET
Borough : MANHATTAN **Agency's Number** : N/A
Program / Asset # : DCA0001.F00 / 2292 **Yr Built/Renovated** : 1910 / 2008
Area Sq Ft : 44,931 **Project Type** : CULTURAL AFFAIRS
Date of Survey : 15-Jun-2012 **Landmark Status** : INTERIOR, EXTERIOR, H-DISTRICT
Areas Surveyed : Basement, Roof, Floors 1,2,atc
Block : 1111 **Lot** : 1 **BIN** : 1083810

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Exterior Architecture		\$190,600
Interior Architecture	\$62,800	
Mechanical	\$79,200	\$320,900
Total	\$141,900	\$511,500
Priority A		\$190,600
Priority B	\$79,200	\$320,900
Priority C	\$62,800	
Total	\$141,900	\$511,500

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$18,700	\$6,500		
Interior Architecture	\$87,500		\$2,900	\$6,900
Mechanical	\$18,200	\$5,700	\$8,300	\$10,500
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$128,300	\$16,100	\$15,200	\$21,400
Priority A	\$18,700	\$6,500		
Priority B	\$22,100	\$9,700	\$12,200	\$14,500
Priority C	\$87,500		\$2,900	\$6,900
Total	\$128,300	\$16,100	\$15,200	\$21,400



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.

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DEPARTMENT OF CULTURAL AFFAIRS - 126
METROPOLITAN MUSEUM OF ART WING F
Asset # : 2292

Architecture	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	50%			LIFE	**	5	\$21,300	A
No Component	50%							D
Windows								
Aluminum	100%			2039	**	5	\$94,500	A
Parapets								
Masonry: Brick	75%			LIFE	**	5	\$2,200	A
Masonry: Limestone	5%			LIFE	**	5	\$200	A
Metal Rail	20%			2036	**	5-10	\$10,700	A
Roof								
IRMA/Protected Membrane	30%			2023		10	\$9,600	A
Metal Panel	40%	Now	\$18,700	2036	**			A
								<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 10%</i>
								<i>Location : North And South Ends</i>
								<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>
								<i>Location : North And South Ends</i>
Modified Bitumen	30%			2031	**	10	\$9,600	A
								<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>
								<i>Location : Flat Section At West Side</i>
Interior								
Floors								
Carpet	25%	Now	\$87,500	2025	**	3	\$20,600	C
								<i>Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 20%</i>
								<i>Location : Second Floor</i>
								<i>Staining/Discoloring, Extent : Moderate, Area Affected : 50%</i>
								<i>Location : Second Floor</i>
								<i>Wrinkling, Extent : Moderate, Area Affected : 25%</i>
								<i>Location : Second Floor</i>
Ceramic Tile	5%			2032	**	5	\$2,800	C
Marble Panels	45%			LIFE	**	5	\$18,600	C
								<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 5%</i>
								<i>Location : Room 371</i>
Wood	25%	Now	\$62,800	2038	**	5	\$12,900	C
								<i>Deteriorated Finish, Extent : Moderate, Area Affected : 25%</i>
								<i>Location : Room 376</i>
Interior Walls								
Ceramic Tile	5%			2032	**	5	\$3,100	C
Gypsum Board	35%			LIFE	**	5	\$13,000	C
Plaster	30%			LIFE	**	5	\$5,600	C
Plaster	30%			LIFE	**	5	\$5,600	C
Ceilings								
Gypsum Board	20%			LIFE	**	5	\$13,800	B
Plaster	50%			LIFE	**	5	\$17,200	B
Plaster	30%			LIFE	**	5	\$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.

DEPARTMENT OF CULTURAL AFFAIRS - 126
METROPOLITAN MUSEUM OF ART WING F
Asset # : 2292

Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Utility Steam	100%			2033	**	1		B
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Basement D Tunnel</i>							
	<i>Explanation : Steam Provided By Con Edison</i>							
<hr/>								
Distribution								
Hot Wtr Piping/Pump	10%	Now	\$1,400	2031	**	4	\$200	B
	<i>Corroded, Extent : Severe, Area Affected : 30%</i>							
	<i>Location : Mech Room</i>							
Steam Piping/Pump	90%	Now	\$35,400	2033	**	4	\$1,600	B
	<i>Corroded, Extent : Severe, Area Affected : 30%</i>							
	<i>Location : Throughout</i>							
	<i>Leak Evident, Extent : Severe, Area Affected : 5%</i>							
	<i>Location : Mech Room</i>							
<hr/>								
Terminal Devices								
Air Handler	90%	Now	\$43,800	2023	\$218,800	1	\$18,400	B
	<i>Corroded, Extent : Severe, Area Affected : 10%</i>							
	<i>Location : Coils Rusted & Clogged, Mech Room</i>							
	<i>Malfunctioning, Extent : Severe, Area Affected : 5%</i>							
	<i>Location : Pneumatic Control System</i>							
Convactor/Radiator	10%			2028	**	1	\$1,200	B
<hr/>								
Air Conditioning								
Energy Source								
District C.W.	90%			2043	**	1		B
	<i>Other Observation, Extent : Light, Area Affected : 90%</i>							
	<i>Location : W Wing Basement</i>							
	<i>Explanation : Chilled Water Comes From W Wing</i>							
Electricity	10%			2031	**	1		B
<hr/>								
Conversion Equipment								
Int Pkg Unit - Cooling	10%			2021	\$102,100	2	\$200	B
No Component	90%							D
	<i>Other Observation, Extent : Light, Area Affected : 0%</i>							
	<i>Location : W Wing</i>							
	<i>Explanation : Chilled Water Comes From W Wing</i>							
<hr/>								
Distribution								
Chilled Wtr Pipe/Pump	90%	Now	\$1,900	2033	**	4	\$1,600	B
	<i>Corroded, Extent : Severe, Area Affected : 50%</i>							
	<i>Location : Throughout</i>							
	<i>Leak Evident, Extent : Severe, Area Affected : 5%</i>							
	<i>Location : Various Areas</i>							
No Component	10%							D
<hr/>								
Terminal Devices								
Air Handler/Cool/Ht	90%			2023	\$17,200	1	\$20,500	B
No Component	10%							D
<hr/>								
Ventilation								

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

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
METROPOLITAN MUSEUM OF ART WING F
Asset # : 2292

Mechanical System Component Type	Current Repair			Future Replacement		Maintenance		Priority Code
	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Ventilation								
Distribution								
Ductwork/Diffusers	100%	Now	\$10,100	LIFE	* *	2-5	\$20,500	B
<i>Faulty Air Intake, Extent : Severe, Area Affected : 5%</i>								
<i>Location : Louvers Are Inoperable, Throughout</i>								
<i>Unit Inoperable, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Various Areas</i>								
Exhaust Fans								
Interior	90%			2023	\$12,600	2	\$1,000	B
Roof	10%			2023	\$1,100	2	\$100	B
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2033	* *	1		B
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		B
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		B
Sump Pump(s)								
Rigid Piping	100%			2028	* *	4	\$2,000	B
Sewage Ejector(s)								
Electric	100%			2031	* *	4	\$2,000	B
Fixtures								
Generic	100%							B
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			C
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : G, 1n, 1s, M, 2n, 2s.</i>								
<i>Explanation : One Unit</i>								
Fire Suppression								
Standpipe								
Generic	100%			2033	* *	1-5	\$19,300	B
Sprinkler								
No Component	80%							D
Generic	20%			2049	* *	1-2	\$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.

Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : METROPOLITAN MUSEUM OF ART WING G
Address : 5TH AVE & 82ND STREET
Borough : MANHATTAN **Agency's Number** : N/A
Program / Asset # : DCA0001.G00 / 2319 **Yr Built/Renovated** : 1910 / 1999
Area Sq Ft : 91,137 **Project Type** : CULTURAL AFFAIRS
Date of Survey : 15-Jun-2012 **Landmark Status** : INTERIOR, EXTERIOR, H-DISTRICT
Areas Surveyed : Basement, Roof, Floors 1,2,3
Block : 1111 **Lot** : 1 **BIN** : 1083810

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Interior Architecture		\$892,000
Mechanical		\$389,400
Total		\$1,281,400
Priority B		\$433,000
Priority C		\$848,500
Total		\$1,281,400

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture		\$9,300		\$27,700
Interior Architecture		\$62,100		\$33,100
Mechanical	\$36,500	\$11,200	\$16,900	\$36,800
Elevators/Escalators	\$19,700	\$19,700	\$19,700	\$19,700
Total	\$56,200	\$102,300	\$36,600	\$117,300
Priority A		\$9,300		\$27,700
Priority B	\$56,200	\$55,300	\$36,600	\$73,900
Priority C		\$37,700		\$15,700
Total	\$56,200	\$102,300	\$36,600	\$117,300



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

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
METROPOLITAN MUSEUM OF ART WING G
Asset # : 2319

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	10%			LIFE	**	5	\$4,400	A
Stucco Cement	15%			2036	**	5	\$16,600	A
Window Wall	5%			2043	**	5	\$8,300	A
No Component	70%							D
Windows								
Aluminum	100%			2039	**	5	\$800	A
Parapets								
Masonry: Brick	50%			LIFE	**	5	\$100	A
Masonry: Limestone	5%			LIFE	**	5		A
Metal Rail	45%			2036	**	5-10	\$1,600	A
Roof								
IRMA/Protected Membrane	90%			2028	**	10	\$21,200	A
		<i>Paver Block Ballast, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
Modified Bitumen	10%			2028	**	10	\$2,400	A
Interior								
Floors								
Carpet	40%			2022	\$283,800	3	\$67,000	C
		<i>Wrinkling, Extent : Moderate, Area Affected : 10%</i>						
		<i>Location : Second Floor</i>						
Panel/Paver: Cer/Brk	10%			2031	**	5	\$25,100	C
Marble Panels	10%			LIFE	**	5	\$8,400	C
Terrazzo	5%			LIFE	**	5	\$4,400	C
Vinyl Tile	20%			2028	**	3	\$8,400	C
Wood	15%			2038	**	5	\$31,400	C
Interior Walls								
Fabric on Framing	20%			2024	\$794,800	5	\$13,400	C
Gypsum Board	40%			LIFE	**	5	\$32,200	C
Masonry: Limestone	5%			LIFE	**			C
Plaster	25%			LIFE	**	5	\$10,100	C
Wood	10%			LIFE	**	5	\$53,700	C
Ceilings								
AcousTileConcealSpLn	20%			2028	**	5	\$34,900	B
AcousTileSusp.Lay-In	35%			2036	**	5	\$48,800	B
Exposed Struc: Wood	5%			LIFE	**			B
Glass: Susp Panels	15%			LIFE	**			B
Gypsum Board	25%			LIFE	**	5	\$43,600	B

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

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.

DEPARTMENT OF CULTURAL AFFAIRS - 126
METROPOLITAN MUSEUM OF ART WING G
Asset # : 2319

Mechanical	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Utility Steam	100%			2033	**	1		B
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Basement D Channel</i>							
	<i>Explanation : Steam Provided By Con Edison</i>							
Conversion Equipment								
Heat Exchanger	20%			2032	**	1	\$7,400	B
Pres. Reducing Valve/LP Steam	80%			2019	\$45,400	5	\$3,500	B
Distribution								
Hot Wtr Piping/Pump	20%	Now	\$2,900	2031	**	4	\$700	B
	<i>Corroded, Extent : Moderate, Area Affected : 10%</i>							
	<i>Location : Cross Bay And Inside The Pipe, 4th Floor Office Area</i>							
	<i>Leak Evident, Extent : Moderate, Area Affected : 3%</i>							
	<i>Location : Cross Bay</i>							
Steam Piping/Pump	80%	Now	\$16,000	2033	**	4	\$2,900	B
	<i>Steam Traps Faulty, Extent : Moderate, Area Affected : 20%</i>							
	<i>Location : Various Areas</i>							
Terminal Devices								
Air Handler	80%			2028	**	1	\$36,900	B
Convactor/Radiator	10%			2028	**	1	\$2,400	B
Fan Coil Unit/Heat	10%			2023	\$137,000	1	\$2,400	B
Air Conditioning								
Energy Source								
District C.W.	90%			2043	**	1		B
	<i>Other Observation, Extent : Light, Area Affected : 90%</i>							
	<i>Location : W Wing Basement</i>							
	<i>Explanation : Chilled Water Comes From W Wing</i>							
Electricity	10%			2031	**	1		B
Conversion Equipment								
Int Pkg Unit - Cooling	10%			2021	\$207,000	2	\$500	B
No Component	90%							D
	<i>Other Observation, Extent : Light, Area Affected : 0%</i>							
	<i>Location : W Wing</i>							
	<i>Explanation : Chilled Water Comes From W Wing</i>							
Distribution								
Chilled Wtr Pipe/Pump	90%	Now	\$400	2033	**	4	\$3,300	B
	<i>Insul. Deteriorating, Extent : Moderate, Area Affected : 30%</i>							
	<i>Location : Various Areas</i>							
	<i>Leak Evident, Extent : Moderate, Area Affected : 3%</i>							
	<i>Location : Cross Bay</i>							
No Component	10%							D
Terminal Devices								
Air Handler/Cool/Ht	90%			2028	**	1	\$41,600	B
No Component	10%							D
Ventilation								

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
METROPOLITAN MUSEUM OF ART WING G
Asset # : 2319

Mechanical System Component Type	Current Repair			Future Replacement		Maintenance		Priority Code
	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Ventilation								
Distribution								
Ductwork/Diffusers	100%	Now	\$4,100	LIFE	**	2-5	\$41,600	B
<i>Faulty Air Intake, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Louvers Are Inoperable, Air Dampers Are Not Working Properly</i>								
Exhaust Fans								
Interior	90%			2028	**	2	\$2,100	B
Roof	10%			2028	**	2	\$200	B
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2033	**	1		B
Water Heater								
Electric	100%			2018	\$14,200	4	\$400	B
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		B
Storm Drain Piping								
Cast Iron	100%			LIFE	**	1		B
Sump Pump(s)								
Rigid Piping	100%			2023	\$11,100	4	\$2,000	B
Vertical Transport								
Elevators								
Geared Traction	70%			LIFE	**			C
<i>Other Observation, Extent : Light, Area Affected : 70%</i>								
<i>Location : (2) G, 1-5. (1) B, 1, M, 2</i>								
<i>Explanation : 3 Units</i>								
Hydraulic	30%			LIFE	**			C
<i>Other Observation, Extent : Light, Area Affected : 30%</i>								
<i>Location : (1) 1-3, 3m</i>								
<i>Explanation : 1 Unit</i>								
Fire Suppression								
Standpipe								
Generic	100%			2033	**	1-5	\$39,100	B
Sprinkler								
No Component	80%							D
Generic	20%			2049	**	1-2	\$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.

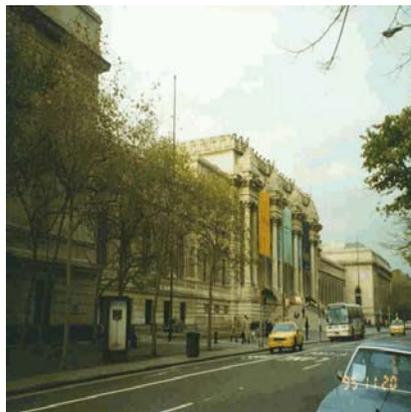
Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : METROPOLITAN MUSEUM OF ART WING H
Address : 5TH AVE & 82ND STREET
Borough : MANHATTAN **Agency's Number** : N/A
Program / Asset # : DCA0001.H00 / 2293 **Yr Built/Renovated** : 1913 /
Area Sq Ft : 150,652 **Project Type** : CULTURAL AFFAIRS
Date of Survey : 12-Jun-2012 **Landmark Status** : INTERIOR, EXTERIOR, H-DISTRICT
Areas Surveyed : Basement, Roof, Floors 1,2,3,atc
Block : 1111 **Lot** : 1 **BIN** : 1083810

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$1,195,600	\$475,100
Interior Architecture		\$170,400
Mechanical	\$942,500	\$1,078,000
Total	\$2,138,100	\$1,723,600
Priority A	\$1,195,600	\$475,100
Priority B	\$942,500	\$1,210,600
Priority C		\$37,900
Total	\$2,138,100	\$1,723,600

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$27,100	\$35,400		\$100
Interior Architecture		\$16,100	\$8,100	\$49,000
Mechanical	\$57,900	\$21,000	\$26,700	\$35,700
Elevators/Escalators	\$11,800	\$11,800	\$11,800	\$11,800
Total	\$96,900	\$84,300	\$46,700	\$96,700
Priority A	\$27,100	\$35,400		\$100
Priority B	\$69,700	\$32,800	\$38,600	\$70,700
Priority C		\$16,100	\$8,100	\$25,900
Total	\$96,900	\$84,300	\$46,700	\$96,700



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

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
METROPOLITAN MUSEUM OF ART WING H
Asset # : 2293

Architecture	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Concrete Masonry Unit	5%			LIFE	**	5	\$2,300	A
Masonry: Brick	15%			LIFE	**	5	\$10,900	A
Masonry: Granite	5%			LIFE	**	5	\$2,700	A
Masonry: Limestone	50%			LIFE	**	5	\$27,300	A
Metal, Corrugated	5%			2033	**	1		A
No Component	20%							D
<hr/>								
Windows								
Aluminum	25%			2039	**	5	\$1,500	A
Bronze/Brass	75%			2031	**	5	\$28,100	A
<hr/>								
Parapets								
Masonry: Brick	20%			LIFE	**	5	\$100	A
Masonry: Limestone	35%			LIFE	**	5	\$300	A
Masonry: Limestone	5%	Now	\$1,200	LIFE	**	5		A
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Coping</i>								
<i>Caulking Deteriorated, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Coping</i>								
<hr/>								
Metal Panel	5%			2043	**	5	\$100	A
Metal Rail	35%			2036	**	5-10	\$3,800	A
<hr/>								
Roof								
IRMA/Protected Membrane	25%	Now	\$25,900	2023			\$129,700	A
<i>Insul Miss/Displaced, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<hr/>								
Metal, Corrugated	5%			2028	**	1		A
Metal Panel	20%			2036	**	10	\$19,000	A
Sloped Glazing	20%	Now	\$747,200	LIFE	**	5	\$138,200	A
<i>Condensation Present, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Over Astor Court</i>								
<i>Glazing Broken/Cracked, Extent : Severe, Area Affected : 15%</i>								
<i>Location : Over Astor Court</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Astor Court</i>								
<hr/>								
Sloped Glazing	30%	Now	\$448,300	LIFE	**	5	\$207,300	A
<i>Glazing Broken/Cracked, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Attic Space</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Attic Space</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : This Component Is Corrugated Glazing</i>								
<hr/>								
Interior								

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

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

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

DEPARTMENT OF CULTURAL AFFAIRS - 126
METROPOLITAN MUSEUM OF ART WING H
Asset # : 2293

Architecture		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Interior								
Floors								
Carpet	15%			2022	\$176,000	3	\$41,500	C
Ceramic Tile	5%			2032	**	5	\$9,200	C
Granite Panels	25%			LIFE	**	5	\$34,600	C
Marble Panels	10%			LIFE	**	5	\$13,800	C
Slate	10%			LIFE	**	5	\$19,600	C
Terrazzo	10%			LIFE	**	5	\$14,400	C
Vinyl Tile	10%			2028	**	3	\$6,900	C
Wood	15%			2038	**	5	\$51,900	C
Interior Walls								
Ceramic Tile	5%			2032	**	5	\$7,000	C
Gypsum Board	45%			LIFE	**	5	\$37,900	C
Marble Panels	5%			LIFE	**			C
Plaster	25%			LIFE	**	5	\$10,500	C
Plaster	20%			LIFE	**	5	\$8,400	C
Ceilings								
AcousTileSusp.Lay-In	25%			2028	**	5	\$46,100	B
Glass: Susp Panels	10%			LIFE	**			B
<i>Water Penetration, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Attic Space</i>								
Gypsum Board	15%			LIFE	**	5	\$34,600	B
Plaster	25%			LIFE	**	5	\$28,800	B
Plaster	20%			LIFE	**	5	\$23,100	B
Wood	5%			LIFE	**	5	\$80,700	B

Mechanical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating								
Energy Source								
Utility Steam	100%			2033	**	1		B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement D Channel</i>								
<i>Explanation : Steam Provided By Con Edison</i>								
Conversion Equipment								
Pres. Reducing Valve/LP Steam	100%			2026	**	5	\$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.

DEPARTMENT OF CULTURAL AFFAIRS - 126
METROPOLITAN MUSEUM OF ART WING H
Asset # : 2293

Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Distribution								
Hot Wtr Piping/Pump	10%	Now	\$4,800	2031	**	4	\$600	B
<i>Corroded, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Basement</i>								
<i>Insul. Deteriorating, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Basement</i>								
Steam Piping/Pump	90%	Now	\$178,100	2033	**	4	\$5,500	B
<i>Corroded, Extent : Severe, Area Affected : 70%</i>								
<i>Location : Throughout</i>								
<i>Insul. Deteriorating, Extent : Moderate, Area Affected : 70%</i>								
<i>Location : Throughout</i>								
<i>Malfunctioning, Extent : Severe, Area Affected : 30%</i>								
<i>Location : Pneumatic Control System</i>								
Terminal Devices								
Air Handler	80%	Now	\$65,200	2018	\$652,200	1	\$55,000	B
<i>Not Energy Efficient, Extent : Severe, Area Affected : 40%</i>								
<i>Location : Attic & Basement</i>								
<i>On Extended Life, Extent : Moderate, Area Affected : 80%</i>								
<i>Location : Attic & Basement</i>								
<i>Recent Repair Evident, Extent : Light, Area Affected : 15%</i>								
<i>Location : 1 Unit Being Removed From Basement</i>								
Convactor/Radiator	10%			2028	**	1	\$4,000	B
Fan Coil Unit/Heat	10%			2023	\$226,400	1	\$4,000	B
Air Conditioning								
Energy Source								
District C.W.	90%			2033	**	1		B
<i>Other Observation, Extent : Light, Area Affected : 75%</i>								
<i>Location : W Wing Basement</i>								
<i>Explanation : Chilled Water Comes From W Wing</i>								
Electricity	10%			2031	**	1		B
Conversion Equipment								
Int Pkg Unit - Cooling	10%			2021	\$342,200	2	\$800	B
No Component	90%							D
Distribution								
Chilled Wtr Pipe/Pump	90%	Now	\$6,500	2033	**	4	\$5,500	B
<i>Corroded, Extent : Severe, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
No Component	10%							D
Terminal Devices								
Air Handler/Cool/Ht	90%	Now	\$5,800	2023	\$57,800	1	\$61,800	B
<i>Corroded, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Various Areas</i>								
<i>Leak Evident, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Coils Connections, Various Areas</i>								
No Component	10%							D
Ventilation								

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DEPARTMENT OF CULTURAL AFFAIRS - 126
METROPOLITAN MUSEUM OF ART WING H
Asset # : 2293

Mechanical	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Ventilation								
Distribution								
Ductwork/Diffusers	100%	Now	\$33,700	LIFE	* *	2-5	\$68,700	B
<i>Faulty Air Intake, Extent : Severe, Area Affected : 80%</i>								
<i>Location : Louvers Are Inoperable, Air Dampers Are Not Working Properly</i>								
Exhaust Fans								
Interior	100%			2018	\$46,900	2	\$3,800	B
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2023	\$451,600	1		B
Water Heater								
Electric	10%			2021	\$2,300	4	\$100	B
No Component	90%							D
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		B
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		B
Sump Pump(s)								
Rigid Piping	100%			2023	\$11,100	4	\$2,000	B
Fixtures								
Generic	100%							B
Vertical Transport								
Elevators								
Geared Traction	40%			LIFE	* *			C
<i>Other Observation, Extent : Light, Area Affected : 40%</i>								
<i>Location : B, G, 1-3</i>								
<i>Explanation : 1 Unit</i>								
Hydraulic	60%			LIFE	* *			C
<i>Other Observation, Extent : Light, Area Affected : 60%</i>								
<i>Location : 1-2</i>								
<i>Explanation : 2 Units</i>								
Fire Suppression								
Standpipe								
Generic	100%			2033	* *	1-5	\$64,600	B
Sprinkler								
No Component	80%							D
Generic	20%			2049	* *	1-2	\$6,900	B

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

** Replacement cost estimated to be beyond ten years is not included in this report.

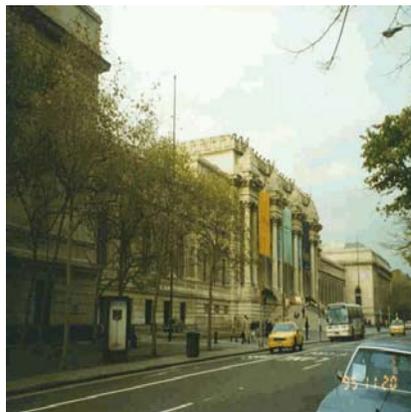
Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : METROPOLITAN MUSEUM OF ART WING J
Address : 5TH AVE & 82ND STREET
Borough : MANHATTAN **Agency's Number** : N/A
Program / Asset # : DCA0001.J00 / 2298 **Yr Built/Renovated** : 1917 /
Area Sq Ft : 104,316 **Project Type** : CULTURAL AFFAIRS
Date of Survey : 14-Jun-2012 **Landmark Status** : INTERIOR, EXTERIOR, H-DISTRICT
Areas Surveyed : Basement, Roof, Floors 1,2,atc
Block : 1111 **Lot** : 1 **BIN** : 1083810

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$686,800	\$487,700
Interior Architecture	\$35,900	\$119,800
Mechanical		\$885,300
Total	\$722,800	\$1,492,800
Priority A	\$686,800	\$487,700
Priority B		\$969,200
Priority C	\$35,900	\$35,900
Total	\$722,800	\$1,492,800

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture				
Interior Architecture		\$25,500		
Mechanical	\$16,600	\$14,000	\$23,300	\$24,200
Total	\$16,600	\$39,500	\$23,300	\$24,200
Priority A				
Priority B	\$16,600	\$20,400	\$23,300	\$24,200
Priority C		\$19,200		
Total	\$16,600	\$39,500	\$23,300	\$24,200



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF CULTURAL AFFAIRS - 126
METROPOLITAN MUSEUM OF ART WING J
Asset # : 2298

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	10%			LIFE	**	5	\$7,200	A
Masonry: Granite	5%			LIFE	**	5	\$2,700	A
Masonry: Limestone	45%			LIFE	**	5	\$24,200	A
No Component	40%							D
Windows								
Aluminum	25%			2039	**	5	\$6,300	A
Bronze/Brass	75%			2031	**	5	\$117,700	A
Parapets								
Masonry: Brick	20%			LIFE	**	5	\$2,000	A
Masonry: Limestone	75%			LIFE	**	5	\$9,400	A
Masonry: Limestone	5%			LIFE	**	5	\$600	A
Roof								
IRMA/Protected Membrane	60%			2028	**	10	\$48,200	A
<i>Paver Block Ballast, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Fat Roof</i>								
Sloped Glazing	15%			LIFE	**	5	\$160,800	A
Sloped Glazing	25%	Now	\$579,800	LIFE	**	5	\$268,000	A
<i>Condensation Present, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Attic Space</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Attic Space Over Roman Sculpture</i>								
Interior								
Floors								
Carpet	30%			2022	\$243,700	3	\$57,500	C
Marble Panels	25%			LIFE	**	5	\$24,000	C
Terrazzo	15%			LIFE	**	5	\$15,000	C
Wood	30%			2038	**	5	\$71,900	C
Interior Walls								
Gypsum Board	50%			LIFE	**	5	\$18,800	C
Masonry: Limestone	25%			LIFE	**			C
Marble Panels	5%			LIFE	**			C
Plaster	20%			LIFE	**	5	\$3,800	C
Ceilings								
AcousTileSusp.Lay-In	10%			2036	**	5	\$12,800	B
Glass: Susp Panels	10%			LIFE	**			B
Gypsum Board	25%			LIFE	**	5	\$39,900	B
Plaster	25%			LIFE	**	5	\$20,000	B
Plaster	30%			LIFE	**	5	\$24,000	B
Mechanical								
Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								

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Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF CULTURAL AFFAIRS - 126
METROPOLITAN MUSEUM OF ART WING J
Asset # : 2298

Mechanical	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Utility Steam	100%			2033	**	1		B
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Basement D Channel</i>							
	<i>Explanation : Steam Provided By Con Edison</i>							
Conversion Equipment								
Pres. Reducing Valve/LP Steam	100%			2026	**	5	\$5,100	B
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Basement</i>							
	<i>Explanation : Shares The Prv With " K" Wing</i>							
Distribution								
Steam Piping/Pump	100%			2033	**	4	\$4,200	B
	<i>Malfunctioning, Extent : Moderate, Area Affected : 20%</i>							
	<i>Location : Pneumatic Control System</i>							
Terminal Devices								
Air Handler	80%			2023	\$451,600	1	\$42,300	B
Convactor/Radiator	10%			2028	**	1	\$2,800	B
Fan Coil Unit/Heat	10%			2023	\$156,800	1	\$2,800	B
Air Conditioning								
Energy Source								
District C.W.	90%			2043	**	1		B
	<i>Other Observation, Extent : Light, Area Affected : 90%</i>							
	<i>Location : K Wing Basement</i>							
	<i>Explanation : Chilled Water Comes From K Wing</i>							
Electricity	10%			2039	**	1		B
Conversion Equipment								
Int Pkg Unit - Cooling	10%			2021	\$237,000	2	\$500	B
No Component	90%							D
	<i>Other Observation, Extent : Light, Area Affected : 0%</i>							
	<i>Location :</i>							
	<i>Explanation : Chilled Water Comes From K Wing</i>							
Distribution								
Chilled Wtr Pipe/Pump	90%			2033	**	4	\$3,800	B
No Component	10%							D
Terminal Devices								
Air Handler/Cool/Ht	90%	Now	\$2,000	2023	\$40,000	1	\$42,800	B
	<i>Leak Evident, Extent : Moderate, Area Affected : 10%</i>							
	<i>Location : Coils Connections, Various Areas</i>							
No Component	10%							D
Ventilation								
Distribution								
Ductwork/Diffusers	100%	Now	\$4,700	LIFE	**	2-5	\$47,600	B
	<i>Faulty Air Intake, Extent : Moderate, Area Affected : 20%</i>							
	<i>Location : Louvers Are Inoperable, Various Areas</i>							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF CULTURAL AFFAIRS - 126
METROPOLITAN MUSEUM OF ART WING J
Asset # : 2298

Mechanical System Component Type	Current Repair		Future Replacement		Maintenance		Priority Code	
	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)		Estimated Cost
Ventilation								
Exhaust Fans								
Interior	70%			2023	\$22,700	2	\$1,800	B
Roof	30%			2023	\$7,900	2	\$800	B
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2033	* *	1		B
Water Heater								
Electric	100%			2021	\$16,200	4	\$500	B
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		B
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		B
Sump Pump(s)								
Rigid Piping	100%			2023	\$11,100	4	\$2,000	B
Fixtures								
Generic	100%							B
Fire Suppression								
Standpipe								
Generic	100%			2033	* *	1-5	\$44,700	B
Sprinkler								
No Component	80%							D
Generic	20%			2049	* *	1-2	\$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.

Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : METROPOLITAN MUSEUM OF ART WING K
Address : 5TH AVE & 82ND STREET
Borough : MANHATTAN **Agency's Number** : N/A
Program / Asset # : DCA0001.K00 / 2299 **Yr Built/Renovated** : 1926 / 2009
Area Sq Ft : 27,730 **Project Type** : CULTURAL AFFAIRS
Date of Survey : 14-Jun-2012 **Landmark Status** : INTERIOR, EXTERIOR, H-DISTRICT
Areas Surveyed : Basement, Roof, Floors 1,2,3,4,atc
Block : 1111 **Lot** : 1 **BIN** : 1083810

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$321,800	\$146,900
Mechanical		\$47,000
Total	\$321,800	\$193,800
Priority A	\$321,800	\$146,900
Priority B		\$47,000
Total	\$321,800	\$193,800

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture		\$9,600		\$4,800
Interior Architecture		\$8,900		\$4,200
Mechanical	\$16,000	\$11,000	\$7,500	\$13,800
Elevators/Escalators	\$11,800	\$11,800	\$11,800	\$11,800
Total	\$27,800	\$41,300	\$19,400	\$34,600
Priority A		\$9,600		\$4,800
Priority B	\$27,800	\$22,800	\$19,400	\$25,600
Priority C		\$8,900		\$4,200
Total	\$27,800	\$41,300	\$19,400	\$34,600



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
 Estimates are rounded to the nearest hundred dollars.
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
 ** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF CULTURAL AFFAIRS - 126
METROPOLITAN MUSEUM OF ART WING K
Asset # : 2299

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Granite	5%			LIFE	**	5	\$1,900	A
Masonry: Limestone	45%			LIFE	**	5	\$16,700	A
No Component	50%							D
Windows								
Aluminum	25%			2039	**	5	\$5,000	A
Bronze/Brass	75%			2031	**	5	\$94,200	A
Parapets								
Masonry: Limestone	80%			LIFE	**	5	\$3,300	A
Metal Rail	20%			2036	**	5-10	\$11,700	A
Roof								
IRMA/Protected Membrane	35%			2028	**	10	\$4,800	A
<i>Paver Block Ballast, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Flat Section</i>								
Metal Panel	10%			2036	**	10	\$2,500	A
Sloped Glazing	35%	Now	\$274,700	LIFE	**	5	\$63,500	A
<i>Condensation Present, Extent : Moderate, Area Affected : 60%</i>								
<i>Location : Attic Space</i>								
<i>Corrosion/Rusting, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Mullions And Structural Supports</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Islamic Exhibit</i>								
Sloped Glazing	20%			LIFE	**	5	\$36,300	A
Interior								
Floors								
Carpet	15%			2022	\$32,400	3	\$7,600	C
Mosaic Tile	10%			2028	**	5	\$8,500	C
Granite Panels	25%			LIFE	**	5	\$6,400	C
Marble Panels	30%			LIFE	**	5	\$7,600	C
Wood	20%			2051	**	5	\$12,700	C
Interior Walls								
Gypsum Board	100%			LIFE	**	5	\$14,100	C
Ceilings								
Glass: Susp Panels	50%			LIFE	**			B
Plaster	50%			LIFE	**	5	\$10,600	B
Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Utility Steam	100%			2033	**	1		B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement D Channel</i>								
<i>Explanation : Steam Provided By Con Edison</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF CULTURAL AFFAIRS - 126
METROPOLITAN MUSEUM OF ART WING K
Asset # : 2299

Mechanical	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Conversion Equipment								
Heat Exchanger	10%			2032	**	1	\$1,100	B
Pres. Reducing Valve/LP Steam	90%			2026	**	5	\$1,200	B
Distribution								
Hot Wtr Piping/Pump	10%			2031	**	4	\$200	B
Steam Piping/Pump	90%	0-2	\$5,500	2043	**	4	\$1,000	B
<i>Steam Traps Faulty, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Various Areas</i>								
Terminal Devices								
Air Handler	80%			2028	**	1	\$11,200	B
Convactor/Radiator	10%			2028	**	1	\$700	B
Fan Coil Unit/Heat	10%			2028	**	1	\$700	B
Air Conditioning								
Energy Source								
Electricity	100%			2039	**	1		B
Conversion Equipment								
Centrifugal, Elec Chiller	100%			2032	**	1	\$24,600	B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement A C Room</i>								
<i>Explanation : R-123 Refrigerant</i>								
Distribution								
Chilled Wtr Pipe/Pump	100%			2043	**	4	\$1,700	B
Terminal Devices								
Air Handler/Cool/Ht	90%			2028	**	1	\$12,600	B
Fan Coil - Cool/Heat	10%			2028	**	1	\$700	B
Heat Rejection								
Water Cool Tower	100%			2024		2	\$22,800	B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Roof</i>								
<i>Explanation : 2 New Units</i>								
Ventilation								
Distribution								
Ductwork/Diffusers	100%	Now	\$1,200	LIFE	**	2-5	\$12,700	B
<i>Faulty Air Intake, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Louvers Are Inoperable, Various Areas</i>								
Exhaust Fans								
Interior	80%			2028	**	2	\$600	B
Roof	20%			2028	**	2	\$100	B
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	**	1		B
Water Heater								
Electric	10%			2021		4	\$400	B
No Component	90%							D
HW Heat Exchanger								
Low Temp	100%			2043	**	4	\$3,400	B

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF CULTURAL AFFAIRS - 126
METROPOLITAN MUSEUM OF ART WING K
Asset # : 2299

Mechanical System Component Type	Current Repair		Future Replacement		Maintenance		Priority Code	
	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)		Estimated Cost
Plumbing								
Sanitary Piping Cast Iron	100%			LIFE	* *	1		B
Storm Drain Piping Cast Iron	100%			LIFE	* *	1		B
Sump Pump(s) Rigid Piping	100%			2023	\$11,100	4	\$2,000	B
Sewage Ejector(s) Electric	100%			2023	\$11,100	4	\$2,000	B
Fixtures Generic	100%							B
Vertical Transport								
Elevators Geared Traction	100%			LIFE	* *			C
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : (2) G, Ll, 1m, 1-4 (1) G, Ll, 1m, 1-3 (1) B, G, M, 2</i>						
		<i>Explanation : 3 Units</i>						
Fire Suppression								
Standpipe Generic	100%			2033	* *	1-5	\$11,900	B
Sprinkler No Component	80%							D
Generic	20%			2049	* *	1-2	\$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.

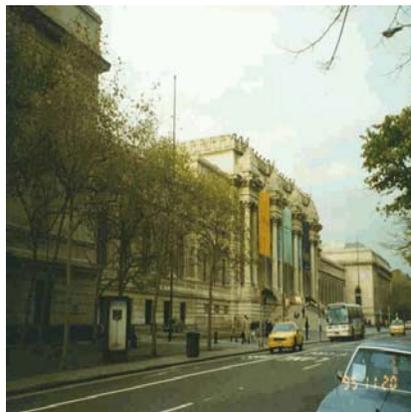
Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : METROPOLITAN MUSEUM OF ART WING M AND COURT A-M
Address : 5TH AVE & 82ND STREET
Borough : MANHATTAN **Agency's Number** : N/A
Program / Asset # : DCA0001.M00 / 2294 **Yr Built/Renovated** : 1924 / 2010
Area Sq Ft : 207,261 **Project Type** : CULTURAL AFFAIRS
Date of Survey : 12-Jun-2012 **Landmark Status** : INTERIOR, EXTERIOR, H-DISTRICT
Areas Surveyed : Basement, Roof, Floors 1,2,3,4
Block : 1111 **Lot** : 1 **BIN** : 1083810

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$589,500	\$705,900
Interior Architecture	\$35,700	\$345,800
Mechanical		\$896,200
Total	\$625,200	\$1,947,900
Priority A	\$589,500	\$705,900
Priority B		\$972,200
Priority C	\$35,700	\$269,800
Total	\$625,200	\$1,947,900

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture		\$16,700		\$4,400
Interior Architecture		\$66,100		\$11,900
Mechanical	\$64,700	\$68,100	\$61,500	\$87,200
Elevators/Escalators	\$11,800	\$11,800	\$11,800	\$11,800
Total	\$76,500	\$162,800	\$73,300	\$115,300
Priority A		\$16,700		\$4,400
Priority B	\$76,500	\$127,100	\$73,300	\$99,000
Priority C		\$19,000		\$11,900
Total	\$76,500	\$162,800	\$73,300	\$115,300



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
 Estimates are rounded to the nearest hundred dollars.
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
 ** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF CULTURAL AFFAIRS - 126
METROPOLITAN MUSEUM OF ART WING M AND COURT A-M

Asset # : 2294

Architecture	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Concrete Masonry Unit	5%			LIFE	**	5	\$3,200	A
Panel/Paver: Limestone	35%	Now	\$239,700	LIFE	**	5	\$26,900	A
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%</i>								
<i>Location : North Facade</i>								
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : North Facade</i>								
Window Wall	30%			2043	**	5	\$115,500	A
No Component	30%							D
Windows								
Aluminum	100%			2039	**	5	\$400	A
Parapets								
Concrete Masonry Unit	50%			LIFE	**	5	\$1,900	A
Metal Panel	5%			2043	**	5	\$700	A
Metal Rail	45%			2036	**	5-10	\$27,500	A
Roof								
Modified Bitumen	35%			2031	**	10	\$28,400	A
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Flat Section</i>								
Single Ply Membrane	5%			2028	**	10	\$4,100	A
Sloped Glazing	50%	Now	\$292,100	LIFE	**	5	\$540,100	A
<i>Caulking Deteriorated, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Exhibit Space At Mezzanine</i>								
Sloped Glazing	10%			LIFE	**	5	\$108,000	A
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : West Slope</i>								
Interior								
Floors								
Carpet	15%			2022	\$242,100	3	\$57,100	C
Panel/Paver: Cer/Brk	10%			2039	**	5	\$57,100	C
Granite Panels	15%			LIFE	**	5	\$28,600	C
Granite Panels	5%			LIFE	**	5	\$9,500	C
Marble Panels	30%			LIFE	**	5	\$57,100	C
Marble Panels	5%			LIFE	**	5	\$9,500	C
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Second Floor</i>								
Wood	15%			2051	**	5	\$71,400	C
Wood	5%			2063	**	5	\$23,800	C
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Second Floor</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF CULTURAL AFFAIRS - 126
METROPOLITAN MUSEUM OF ART WING M AND COURT A-M

Asset # : 2294

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
Interior Walls								
Gypsum Board	35%			LIFE	**	5	\$54,400	C
Gypsum Board	15%			LIFE	**	5	\$23,300	C
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Second Floor</i>								
Masonry: Limestone	10%			LIFE	**			C
Masonry: Limestone	20%			LIFE	**			C
Plaster	15%			LIFE	**	5	\$11,600	C
Wood	5%			LIFE	**	5	\$51,800	C
Ceilings								
AcousTileConcealSpLn	15%			2036	**	5	\$45,600	B
AcousTileSusp.Lay-In	20%			2036	**	5	\$48,600	B
Exposed Struc: Wood	5%			LIFE	**			B
Glass: Susp Panels	35%			LIFE	**			B
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Exhibit Area</i>								
Gypsum Board	25%			LIFE	**	5	\$76,000	B
<i>Water Penetration, Extent : Light, Area Affected : 5%</i>								
<i>Location : Gallery At 762</i>								

Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Utility Steam	100%			2033	**	1		B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement D Tunnel</i>								
<i>Explanation : Steam Provided By Con Edison</i>								
Distribution								
Steam Piping/Pump	100%			2033	**	4	\$8,400	B
Terminal Devices								
Air Handler	60%			2031	**	1	\$63,000	B
Air Handler	20%			2023	\$224,300	1	\$21,000	B
Convactor/Radiator	20%			2028	**	1	\$11,000	B
Air Conditioning								
Energy Source								
Electricity	100%			2039	**	1		B

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF CULTURAL AFFAIRS - 126
METROPOLITAN MUSEUM OF ART WING M AND COURT A-M

Asset # : 2294

Mechanical	Current Repair		Future Replacement		Maintenance		Priority Code	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Air Conditioning								
Conversion Equipment								
Centrifugal, Elec Chiller	80%			2026	**	1	\$147,000	B
<i>Other Observation, Extent : Light, Area Affected : 80%</i>								
<i>Location : Basement</i>								
<i>Explanation : 2 Units - Refrigerant R123</i>								
Int Pkg Unit - Cooling	10%			2021	\$470,800	2	\$1,000	B
<i>R-22 Refrigerant, Extent : Light, Area Affected : 10%</i>								
<i>Location : Various Areas</i>								
No Component	10%							D
Distribution								
Chilled Wtr Pipe/Pump	80%			2033	**	4	\$6,700	B
No Component	20%							D
Terminal Devices								
Air Handler/Cool/Ht	60%			2031	**	1	\$63,000	B
Air Handler/Cool/Ht	20%			2023	\$159,000	1	\$21,000	B
No Component	20%							D
Heat Rejection								
Water Cool Tower	80%			2028	**	2	\$136,500	B
No Component	20%							D
Ventilation								
Distribution								
Ductwork/Diffusers	100%	Now	\$23,200	LIFE	**	2-5	\$94,600	B
<i>Faulty Air Intake, Extent : Severe, Area Affected : 5%</i>								
<i>Location : Intake Louvers - Various Areas</i>								
<i>Unbalanced System, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Various Areas</i>								
Exhaust Fans								
Interior	70%			2031	**	2	\$3,700	B
Roof	10%			2031	**	2	\$500	B
Roof	20%			2023	\$10,500	2	\$1,000	B
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2033	**	1		B
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		B
Storm Drain Piping								
Cast Iron	100%			LIFE	**	1		B
Sump Pump(s)								
Rigid Piping	100%			2023	\$11,100	4	\$2,000	B
Fixtures								
Generic	100%							B
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	**			C
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : (1) G, 1-5 (1) G, 1, 1m, 2, 2m, 3</i>								
<i>Explanation : Two Units</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF CULTURAL AFFAIRS - 126
METROPOLITAN MUSEUM OF ART WING M AND COURT A-M

Asset # : 2294

Mechanical	Current Repair		Future Replacement		Maintenance		Priority Code	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)		Estimated Cost
Fire Suppression								
Standpipe								
Generic	100%			2043	* *	1-5	\$85,700	B
Sprinkler								
No Component	40%							D
Generic	60%			2049	* *	1-2	\$28,500	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.

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

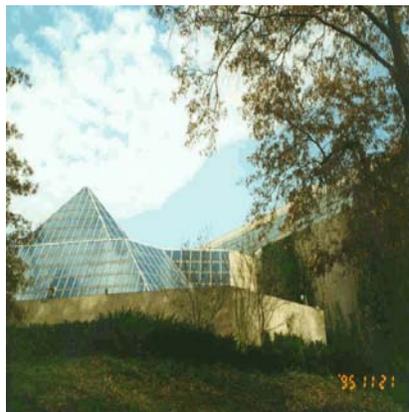
Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : METROPOLITAN MUSEUM OF ART WING O
Address : 5TH AVE & 82ND STREET
Borough : MANHATTAN **Agency's Number** : N/A
Program / Asset # : DCA0001.O00 / 2295 **Yr Built/Renovated** : 1972 / 2009
Area Sq Ft : 44,195 **Project Type** : CULTURAL AFFAIRS
Date of Survey : 13-Jun-2012 **Landmark Status** : INTERIOR, EXTERIOR, H-DISTRICT
Areas Surveyed : Basement, Roof, Floors 1
Block : 1111 **Lot** : 1 **BIN** : 1083810

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$67,400	\$284,500
Interior Architecture		\$160,000
Mechanical		\$100,400
Total	\$67,400	\$544,800
Priority A	\$67,400	\$284,500
Priority B		\$100,400
Priority C		\$160,000
Total	\$67,400	\$544,800

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$16,400	\$20,100		\$4,200
Interior Architecture		\$14,400		
Mechanical	\$25,100	\$6,500	\$8,400	\$24,200
Elevators/Escalators	\$7,900	\$7,900	\$7,900	\$7,900
Total	\$49,400	\$48,900	\$16,300	\$36,300
Priority A	\$16,400	\$20,100		\$4,200
Priority B	\$33,000	\$14,400	\$16,300	\$32,100
Priority C		\$14,400		
Total	\$49,400	\$48,900	\$16,300	\$36,300



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF CULTURAL AFFAIRS - 126
METROPOLITAN MUSEUM OF ART WING O
Asset # : 2295

Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Conversion Equipment								
Heat Exchanger	20%			2026	**	1	\$3,600	B
Pres. Reducing Valve/LP Steam	80%			2026	**	5	\$1,700	B
Distribution								
Hot Wtr Piping/Pump	20%	Now	\$600	2045	**	4	\$400	B
<i>Insul. Deteriorating, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Basement Mech Room</i>								
Steam Piping/Pump	80%	Now	\$15,500	2033	**	4	\$1,400	B
<i>Insul. Deteriorating, Extent : Moderate, Area Affected : 60%</i>								
<i>Location : Basement Mech Room</i>								
<i>Steam Traps Faulty, Extent : Severe, Area Affected : 60%</i>								
<i>Location : Various Areas</i>								
Terminal Devices								
Air Handler	100%			2031	**	1	\$22,400	B
Air Conditioning								
Energy Source								
District C.W.	90%			2043	**	1		B
<i>Other Observation, Extent : Light, Area Affected : 70%</i>								
<i>Location : W Wing Basement</i>								
<i>Explanation : Chilled Water Comes From W Wing</i>								
Electricity	10%			2031	**	1		B
Conversion Equipment								
Int Pkg Unit - Cooling	10%			2021		2	\$200	B
No Component	90%							D
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location : W Wing</i>								
<i>Explanation : Chilled Water Comes From W Wing</i>								
Distribution								
Chilled Wtr Pipe/Pump	90%			2043	**	4	\$2,400	B
No Component	10%							D
Terminal Devices								
Air Handler/Cool/Ht	90%			2031	**	1	\$20,200	B
No Component	10%							D
Ventilation								
Distribution								
Ductwork/Diffusers	100%	Now	\$2,000	LIFE	**	2-5	\$20,200	B
<i>Faulty Air Intake, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Louvers Are Inoperable, Air Dampers Are Not Working Properly</i>								
Exhaust Fans								
Interior	100%			2028	**	2	\$1,100	B
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	**	1		B
Water Heater								
Electric	20%			2018		4	\$1,400	B
No Component	80%							D

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF CULTURAL AFFAIRS - 126
METROPOLITAN MUSEUM OF ART WING O
Asset # : 2295

Mechanical System Component Type	Current Repair		Future Replacement		Maintenance		Priority Code	
	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)		Estimated Cost
Plumbing								
Sanitary Piping Cast Iron	100%			LIFE	* *	1		B
Storm Drain Piping Cast Iron	100%			LIFE	* *	1		B
Sump Pump(s) Rigid Piping	100%			2018	\$11,100	4	\$1,300	B
Fixtures Generic	100%							B
Vertical Transport								
Elevators Geared Traction	100%			LIFE	* *			C
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : (1) G, 1, 2 (1) G, 1</i>						
		<i>Explanation : 2 Units</i>						
Fire Suppression								
Standpipe Generic	100%			2033	* *	1-5	\$18,900	B
Sprinkler No Component	80%							D
Generic	20%			2049	* *	1-2	\$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.

Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : METROPOLITAN MUSEUM OF ART WING P
 Address : 5TH AVE & 82ND STREET
 Borough : MANHATTAN Agency's Number : N/A
 Program / Asset # : DCA0001.P00 / 2807 Yr Built/Renovated : 1975 / 2012
 Area Sq Ft : 57,680 Project Type : CULTURAL AFFAIRS
 Date of Survey : 14-Jun-2012 Landmark Status : INTERIOR, EXTERIOR, H-DISTRICT
 Areas Surveyed : Basement, Roof, Floors 1,2
 Block : 1111 Lot : 1 BIN : 1083810

CAPITAL		FY 2015 - 2018	FY 2019 - 2024
Interior Architecture			\$41,500
Mechanical		\$40,400	\$593,300
Total		\$40,400	\$634,800
Priority B		\$40,400	\$634,800
Total		\$40,400	\$634,800

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture		\$2,800		\$100
Interior Architecture	\$3,300	\$28,700	\$1,800	
Mechanical	\$41,800	\$12,200	\$25,800	\$19,300
Elevators/Escalators	\$9,900	\$9,900	\$9,900	\$9,900
Total	\$55,000	\$53,600	\$37,500	\$29,200
Priority A		\$2,800		\$100
Priority B	\$55,000	\$35,400	\$35,700	\$29,100
Priority C		\$15,500	\$1,800	
Total	\$55,000	\$53,600	\$37,500	\$29,200



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF CULTURAL AFFAIRS - 126
METROPOLITAN MUSEUM OF ART WING P
Asset # : 2807

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Concrete Masonry Unit	10%			LIFE	**	5	\$600	A
No Component	90%							D
Windows								
Aluminum	10%			2039	**	5	\$200	A
No Component	90%							D
Parapets								
Concrete Masonry Unit	50%			LIFE	**	5	\$300	A
Metal Panel	5%			2043	**	5	\$100	A
Metal Rail	45%			2036	**	5-10	\$4,600	A
Roof								
Under Construction	100%							D
Interior								
Floors								
Carpet	25%			2022	\$112,300	3	\$26,500	C
Ceramic Tile	5%			2032	**	5	\$3,500	C
Granite Panels	25%			LIFE	**	5	\$13,200	C
Marble Panels	10%			LIFE	**	5	\$5,300	C
Terrazzo	25%			LIFE	**	5	\$13,800	C
Wood	10%			2051	**	5	\$13,200	C
Interior Walls								
Fabric on Framing	10%			2024	\$24,400	5	\$600	C
Gypsum Board	55%			LIFE	**	5	\$4,100	C
Plaster	35%			LIFE	**	5	\$1,300	C
Ceilings								
AcousTileSusp.Lay-In	10%			2040	**	5	\$6,600	B
AcousTileSusp.Lay-In	40%			2036	**	5	\$26,600	B
Gypsum Board	50%			LIFE	**	5	\$41,500	B

Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Utility Steam	100%			2033	**	1		B
<i>Other Observation, Extent : Light, Area Affected : 100%</i> <i>Location : Basement D Channel</i> <i>Explanation : Steam Provided By Con Edison</i>								
Conversion Equipment								
Heat Exchanger	20%			2026	**	1	\$4,700	B
Pres. Reducing Valve/LP Steam	80%			2019	\$28,700	5	\$2,200	B

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF CULTURAL AFFAIRS - 126
METROPOLITAN MUSEUM OF ART WING P
Asset # : 2807

Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Distribution								
Hot Wtr Piping/Pump	20%	Now	\$7,300	2031	**	4	\$500	B
<i>Corroded, Extent : Severe, Area Affected : 20%</i>								
<i>Location : 3rd Floor Mech Room</i>								
<i>Other Observation, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Mech Room</i>								
<i>Explanation : Extensive Clogging</i>								
Steam Piping/Pump	80%	Now	\$40,400	2033	**	4	\$1,900	B
<i>Corroded, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Leak Evident, Extent : Moderate, Area Affected : 3%</i>								
<i>Location : 3rd Floor Mech Room</i>								
<i>Malfunctioning, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Pneumatic Control System</i>								
<i>Steam Traps Faulty, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Various Areas</i>								
Terminal Devices								
Air Handler	80%			2023	\$249,700	1	\$23,400	B
Convactor/Radiator	20%			2028	**	1	\$3,100	B
Air Conditioning								
Energy Source								
Electricity	100%			2031	**	1		B
Conversion Equipment								
Centrifugal, Elec Chiller	100%			2032	**	1	\$51,100	B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Garage Mech Room</i>								
<i>Explanation : R-123 Refrigerant</i>								
Distribution								
Chilled Wtr Pipe/Pump	100%	0-2	\$6,900	2033	**	4	\$2,300	B
<i>Corroded, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : 3rd Floor Mech Room</i>								
Terminal Devices								
Air Handler/Cool/Ht	100%	Now	\$4,900	2023	\$245,900	1	\$26,300	B
<i>Leak Evident, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Coils Connections, Various Areas</i>								
Heat Rejection								
Water Cool Tower	100%			2021	\$97,700	2	\$47,500	B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Roof</i>								
<i>Explanation : Total Of 8 Units. 3 New And 5 Older Units - They Also Service Other Adjacent Buildings</i>								
Ventilation								
Distribution								
Ductwork/Diffusers	100%	Now	\$2,600	LIFE	**	2-5	\$26,300	B
<i>Faulty Air Intake, Extent : Severe, Area Affected : 30%</i>								
<i>Location : Louvers Are Inoperable, Air Dampers Are Not Working Properly</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF CULTURAL AFFAIRS - 126
METROPOLITAN MUSEUM OF ART WING P
Asset # : 2807

Mechanical System Component Type	Current Repair		Future Replacement		Maintenance		Priority Code	
	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)		Estimated Cost
Ventilation								
Exhaust Fans								
Interior	80%			2023	\$14,400	2	\$1,200	B
Roof	20%			2023	\$2,900	2	\$300	B
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2033	* *	1		B
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		B
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		B
Fixtures								
Generic	100%							B
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			C
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : B-3</i>						
		<i>Explanation : Two Units</i>						
Fire Suppression								
Standpipe								
Generic	100%			2033	* *	1-5	\$24,700	B
Sprinkler								
No Component	80%							D
Generic	20%			2049	* *	1-2	\$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.

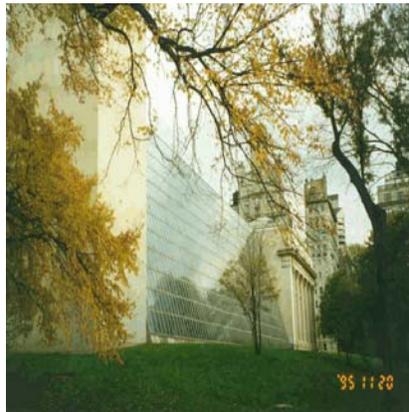
Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : METROPOLITAN MUSEUM OF ART WING R
Address : 5TH AVE & 82ND STREET
Borough : MANHATTAN **Agency's Number** : N/A
Program / Asset # : DCA0001.R00 / 2300 **Yr Built/Renovated** : 1973 /
Area Sq Ft : 281,614 **Project Type** : CULTURAL AFFAIRS
Date of Survey : 14-Jun-2012 **Landmark Status** : INTERIOR, EXTERIOR, H-DISTRICT
Areas Surveyed : Basement, Roof, Floors 1,2,3
Block : 1111 **Lot** : 1 **BIN** : 1083810

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$59,800	\$1,147,200
Interior Architecture	\$64,700	\$717,700
Mechanical	\$30,200	\$2,338,800
Total	\$154,700	\$4,203,700
Priority A	\$59,800	\$1,147,200
Priority B	\$30,200	\$2,420,000
Priority C	\$64,700	\$636,500
Total	\$154,700	\$4,203,700

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$30,400			
Interior Architecture	\$328,900	\$24,300	\$8,600	\$42,000
Mechanical	\$59,000	\$74,900	\$58,900	\$79,300
Elevators/Escalators	\$9,900	\$9,900	\$9,900	\$9,900
Total	\$428,100	\$109,200	\$77,300	\$131,200
Priority A	\$30,400			
Priority B	\$68,800	\$109,200	\$68,700	\$89,100
Priority C	\$328,900		\$8,600	\$42,000
Total	\$428,100	\$109,200	\$77,300	\$131,200



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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DEPARTMENT OF CULTURAL AFFAIRS - 126
METROPOLITAN MUSEUM OF ART WING R
Asset # : 2300

Architecture	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Panel/Paver: Limestone	5%	Now	\$30,400	LIFE	**	5	\$3,400	A
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 10%</i>								
<i>Location : South West Corner At Skylight Level</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : South Facade</i>								
Window Wall	35%			2043	**	5	\$119,700	A
No Component	60%							D
Roof								
Built-Up (BUR)	5%			2023	\$25,000	10	\$4,300	A
Sloped Glazing	95%			LIFE	**	5	\$1,087,400	A
Interior								
Floors								
Carpet	15%	2-4	\$328,900	2025	**	3	\$77,600	C
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : First Floor Room 357</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : First Floor Room 357</i>								
Cast in Place Concrete	20%			LIFE	**	5	\$150,900	C
Ceramic Tile	5%			2032	**	5	\$17,200	C
Granite Panels	20%			LIFE	**	5	\$51,700	C
Terrazzo	15%			LIFE	**	5	\$40,400	C
Wood	20%			2051	**	5	\$129,300	C
Wood	5%			2058	**	5	\$32,300	C
Interior Walls								
Cast in Place Concrete	15%			LIFE	**			C
Concrete Masonry Unit	5%			LIFE	**	5	\$2,200	C
Fabric on Framing	15%			2024	\$328,900	5	\$8,300	C
Gypsum Board	27%			LIFE	**	5	\$18,000	C
Gypsum Board	5%			LIFE	**	5	\$3,300	C
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Marble Panels	3%			LIFE	**			C
Plaster	25%			LIFE	**	5	\$8,300	C
Wood	5%			LIFE	**	5	\$22,200	C
Ceilings								
AcousTileSusp.Lay-In	15%			2036	**	5	\$48,700	B
Exposed Concrete	15%			LIFE	**	5	\$7,600	B
Glass: Susp Panels	25%			LIFE	**			B
Glass: Susp Panels	5%			LIFE	**			B
Gypsum Board	20%			LIFE	**	5	\$81,100	B
Metal Panel	5%			LIFE	**	5	\$20,300	B
Plaster	15%			LIFE	**	5	\$30,400	B

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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DEPARTMENT OF CULTURAL AFFAIRS - 126
METROPOLITAN MUSEUM OF ART WING R
Asset # : 2300

Mechanical	Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	
Heating							
Energy Source							
Utility Steam	100%			2033	**	1	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
		<i>Location : Basement D Channel</i>					
		<i>Explanation : Steam Provided By Con Edison</i>					
<hr/>							
Conversion Equipment							
Heat Exchanger	20%			2026	**	1	\$22,900
Pres. Reducing Valve/LP Steam	80%			2019	\$140,300	5	\$11,000
<hr/>							
Distribution							
Hot Wtr Piping/Pump	20%			2031	**	4	\$3,400
Steam Piping/Pump	80%			2033	**	4	\$9,100
<hr/>							
Terminal Devices							
Air Handler	80%			2023	\$1,219,100	1	\$114,100
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
		<i>Location : In " P " Wing 3rd Floor Mech Room</i>					
		<i>Explanation : Air Handlers</i>					
Convector/Radiator	20%			2028	**	1	\$14,900
<hr/>							
Air Conditioning							
Energy Source							
District C.W.	90%			2043	**	1	
		<i>Other Observation, Extent : Light, Area Affected : 90%</i>					
		<i>Location : K Wing South Garage Mech. Room</i>					
		<i>Explanation : Chilled Water Comes From K Wing</i>					
Electricity	10%			2031	**	1	
<hr/>							
Conversion Equipment							
Int Pkg Unit - Cooling	10%			2021	\$639,700	2	\$1,400
No Component	90%						
		<i>Other Observation, Extent : Light, Area Affected : 0%</i>					
		<i>Location : K Wing</i>					
		<i>Explanation : Chilled Water Comes From K Wing</i>					
<hr/>							
Distribution							
Chilled Wtr Pipe/Pump	90%			2043	**	4	\$15,400
No Component	10%						
<hr/>							
Terminal Devices							
Air Handler/Cool/Ht	90%			2023	\$108,000	1	\$128,400
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
		<i>Location : In " P " Wing 3rd Floor Mech Room</i>					
		<i>Explanation : Air Handlers</i>					
No Component	10%						
<hr/>							
Heat Rejection							
Water Cool Tower	90%			2024	\$42,900	2	\$208,700
		<i>Other Observation, Extent : Light, Area Affected : 90%</i>					
		<i>Location : Roof</i>					
		<i>Explanation : 3 New Units For The Chillers In K Wing</i>					
No Component	10%						
<hr/>							
Ventilation							

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Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF CULTURAL AFFAIRS - 126
METROPOLITAN MUSEUM OF ART WING R
Asset # : 2300

Mechanical	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Ventilation								
Distribution								
Ductwork/Diffusers	100%	Now	\$12,600	LIFE	**	2-5	\$128,500	B
<i>Faulty Air Intake, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Louvers Are Inoperable, Various Areas</i>								
Exhaust Fans								
Interior	100%			2023	\$87,700	2	\$7,100	B
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2033	**	1		B
Water Heater								
Electric	100%			2021	\$43,900	4	\$1,400	B
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		B
Storm Drain Piping								
Cast Iron	100%			LIFE	**	1		B
Fixtures								
Generic	100%							B
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	**			C
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : G, I, M, 2</i>								
<i>Explanation : 2 Units</i>								
Fire Suppression								
Standpipe								
Generic	100%			2033	**	1-5	\$120,700	B
Sprinkler								
No Component	80%							D
Generic	20%			2049	**	1-2	\$12,900	B

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
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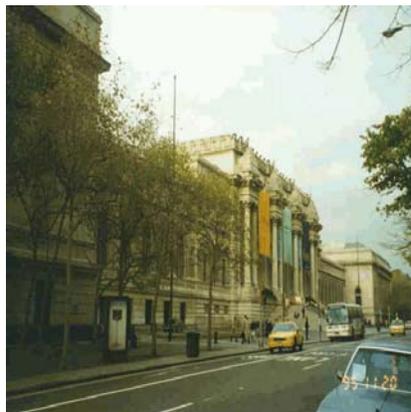
Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : METROPOLITAN MUSEUM OF ART WING S
 Address : 5TH AVE & 82ND STREET
 Borough : MANHATTAN Agency's Number : N/A
 Program / Asset # : DCA0001.S00 / 2301 Yr Built/Renovated : 1972 / 2008
 Area Sq Ft : 99,736 Project Type : CULTURAL AFFAIRS
 Date of Survey : 12-Jun-2012 Landmark Status : INTERIOR, EXTERIOR, H-DISTRICT
 Areas Surveyed : Basement, Roof, Floors 1,2,3,4
 Block : 1111 Lot : 1 BIN : 1083810

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$572,600	\$1,020,500
Interior Architecture		\$395,500
Mechanical	\$617,200	\$645,000
Total	\$1,189,800	\$2,061,000
Priority A	\$572,600	\$1,020,500
Priority B	\$617,200	\$645,000
Priority C		\$395,500
Total	\$1,189,800	\$2,061,000

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$20,300			
Interior Architecture		\$46,400	\$1,500	
Mechanical	\$35,000	\$24,000	\$19,500	\$35,800
Elevators/Escalators	\$11,800	\$11,800	\$11,800	\$11,800
Total	\$67,200	\$82,300	\$32,800	\$47,700
Priority A	\$20,300			
Priority B	\$46,900	\$46,800	\$31,300	\$47,700
Priority C		\$35,500	\$1,500	
Total	\$67,200	\$82,300	\$32,800	\$47,700



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.

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DEPARTMENT OF CULTURAL AFFAIRS - 126
METROPOLITAN MUSEUM OF ART WING S
Asset # : 2301

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Concrete Masonry Unit	5%			LIFE	**	5	\$1,900	A
Masonry: Limestone	5%	Now	\$20,300	LIFE	**	5	\$2,300	A
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : North Facade</i>								
Window Wall	40%			2043	**	5	\$90,200	A
No Component	50%							D
Windows								
Aluminum	5%			2039	**	5		A
No Component	95%							D
Roof								
Sloped Glazing	100%	Now	\$527,500	LIFE	**	5	\$975,400	A
<i>Water Penetration, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : North Side</i>								
Interior								
Floors								
Carpet	25%			2019	\$194,100	3	\$45,800	C
Cast in Place Concrete	5%			LIFE	**	5	\$13,400	C
Ceramic Tile	5%			2026	**	5	\$6,100	C
Granite Panels	30%			LIFE	**	5	\$27,500	C
Marble Panels	10%			LIFE	**	5	\$9,200	C
Vinyl Tile	10%			2023	\$125,200	3	\$4,600	C
Wood	15%			2051	**	5	\$34,300	C
Interior Walls								
Concrete Masonry Unit	5%			LIFE	**	5	\$2,700	C
Fabric on Framing	10%			2024	\$270,200	5	\$6,800	C
Gypsum Board	35%			LIFE	**	5	\$28,800	C
Panel/Paver: Limestone	45%			LIFE	**			C
Wood	5%			LIFE	**	5	\$27,400	C
Ceilings								
AcousTileConcealSpLn	15%			2036	**	5	\$21,900	B
Glass: Susp Panels	65%			LIFE	**			B
<i>Water Penetration, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Gallery</i>								
Gypsum Board	20%			LIFE	**	5	\$29,100	B

Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Utility Steam	100%			2033	**	1		B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement D Tunnel</i>								
<i>Explanation : Steam Provided By Con Edison</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF CULTURAL AFFAIRS - 126
METROPOLITAN MUSEUM OF ART WING S
Asset # : 2301

Mechanical	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Conversion Equipment								
Heat Exchanger	15%			2026	**	1	\$6,100	B
	<i>Other Observation, Extent : Light, Area Affected : 15%</i>							
	<i>Location : For Radiators In Stairwells</i>							
	<i>Explanation : 1 Unit</i>							
Pres. Reducing Valve/LP Steam	85%			2026	**	5	\$4,100	B
	<i>Other Observation, Extent : Light, Area Affected : 85%</i>							
	<i>Location : Basement</i>							
	<i>Explanation : Services The A M & F Wings As Well</i>							
Distribution								
Hot Wtr Piping/Pump	15%	Now	\$4,700	2022	\$47,200	4	\$600	B
	<i>Corroded, Extent : Severe, Area Affected : 10%</i>							
	<i>Location : Throughout</i>							
Steam Piping/Pump	85%	Now	\$74,300	2023	\$371,300	4	\$3,400	B
	<i>Corroded, Extent : Severe, Area Affected : 50%</i>							
	<i>Location : Throughout</i>							
	<i>Leak Evident, Extent : Severe, Area Affected : 5%</i>							
	<i>Location : Various Areas</i>							
	<i>Steam Traps Faulty, Extent : Severe, Area Affected : 5%</i>							
	<i>Location : Various Areas</i>							
Terminal Devices								
Air Handler	85%	Now	\$45,900	2018	\$458,800	1	\$38,700	B
	<i>Corroded, Extent : Moderate, Area Affected : 10%</i>							
	<i>Location : Coils, Various Areas</i>							
	<i>Damaged, Extent : Moderate, Area Affected : 5%</i>							
	<i>Location : Access Doors, Various Areas</i>							
	<i>Leak Evident, Extent : Severe, Area Affected : 5%</i>							
	<i>Location : Coil Connections, Various Areas</i>							
	<i>Malfunctioning, Extent : Severe, Area Affected : 5%</i>							
	<i>Location : Pneumatic Control System</i>							
Convactor/Radiator	15%			2028	**	1	\$4,000	B
Air Conditioning								
Energy Source								
District C.W.	90%			2033	**	1		B
	<i>Other Observation, Extent : Light, Area Affected : 90%</i>							
	<i>Location : W Wing Mech Room</i>							
	<i>Explanation : Chilled Water Comes From W Wing</i>							
Electricity	10%			2031	**	1		B
Conversion Equipment								
Int Pkg Unit - Cooling	10%			2021	\$226,600	2	\$500	B
No Component	90%							D
	<i>Other Observation, Extent : Light, Area Affected : 0%</i>							
	<i>Location : W Wing</i>							
	<i>Explanation : Chilled Water Comes From W Wing</i>							

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Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF CULTURAL AFFAIRS - 126
METROPOLITAN MUSEUM OF ART WING S
Asset # : 2301

Mechanical System Component Type	Current Repair		Future Replacement		Maintenance		Priority Code	
	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)		Estimated Cost
Air Conditioning								
Distribution								
Chilled Wtr Pipe/Pump	90%	Now	\$4,300	2033	**	4	\$3,600	B
			<i>Corroded, Extent : Severe, Area Affected : 50%</i>					
			<i>Location : Throughout</i>					
			<i>Leak Evident, Extent : Severe, Area Affected : 5%</i>					
			<i>Location : Various Areas</i>					
No Component	10%							D
Terminal Devices								
Air Handler/Cool/Ht	90%			2018	\$38,300	1	\$45,500	B
No Component	10%							D
Ventilation								
Distribution								
Ductwork/Diffusers	100%	Now	\$11,200	LIFE	**	2-5	\$45,500	B
			<i>Broken, Extent : Moderate, Area Affected : 3%</i>					
			<i>Location : Access Doors & Flexible Connections, Various Areas</i>					
			<i>Faulty Air Intake, Extent : Severe, Area Affected : 5%</i>					
			<i>Location : Louvers Are Inoperable, Throughout</i>					
			<i>Unbalanced System, Extent : Moderate, Area Affected : 5%</i>					
			<i>Location : Various Areas</i>					
Exhaust Fans								
Interior	100%			2023	\$31,100	2	\$2,500	B
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2033	**	1		B
Water Heater								
Electric	100%			2021	\$15,500	4	\$500	B
HW Heat Exchanger								
Low Temp	100%			2043	**	4	\$12,100	B
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		B
Storm Drain Piping								
Cast Iron	100%			LIFE	**	1		B
Sump Pump(s)								
Rigid Piping	100%			2018	\$11,100	4	\$1,300	B
Pool Filter/Treatment								
Sand	100%			2036	**	4	\$30,300	B
Sewage Ejector(s)								
Electric	100%			2023	\$11,100	4	\$2,000	B
Fixtures								
Generic	100%							B
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	**			C
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : G, Ld, M</i>					
			<i>Explanation : 3 Units</i>					
Fire Suppression								

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Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF CULTURAL AFFAIRS - 126
METROPOLITAN MUSEUM OF ART WING S
Asset # : 2301

Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Fire Suppression								
Standpipe								
Generic	100%			2033	* *	1-5	\$42,800	B
Sprinkler								
No Component	70%							D
Generic	30%			2049	* *	1-2	\$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.*

Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : METROPOLITAN MUSEUM OF ART WING T
Address : 5TH AVE & 82ND STREET
Borough : MANHATTAN **Agency's Number** : N/A
Program / Asset # : DCA0001.T00 / 2302 **Yr Built/Renovated** : 1983 /
Area Sq Ft : 174,916 **Project Type** : CULTURAL AFFAIRS
Date of Survey : 14-Jun-2012 **Landmark Status** : INTERIOR, EXTERIOR, H-DISTRICT
Areas Surveyed : Basement, Roof, Floors 1,2,3,4
Block : 1111 **Lot** : 1 **BIN** : 1083810

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$331,800	\$210,600
Interior Architecture		\$355,900
Mechanical	\$120,500	\$1,126,400
Total	\$452,300	\$1,692,900
Priority A	\$331,800	\$210,600
Priority B	\$120,500	\$1,354,900
Priority C		\$127,400
Total	\$452,300	\$1,692,900

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$83,300			\$16,900
Interior Architecture	\$136,200	\$72,200	\$5,400	\$10,700
Mechanical	\$54,200	\$37,800	\$85,600	\$58,500
Elevators/Escalators	\$11,800	\$11,800	\$11,800	\$11,800
Total	\$285,500	\$121,900	\$102,800	\$98,000
Priority A	\$83,300			\$16,900
Priority B	\$66,000	\$75,000	\$97,400	\$70,400
Priority C	\$136,200	\$46,900	\$5,400	\$10,700
Total	\$285,500	\$121,900	\$102,800	\$98,000



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF CULTURAL AFFAIRS - 126
METROPOLITAN MUSEUM OF ART WING T
Asset # : 2302

Architecture	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Concrete Masonry Unit	5%			LIFE	**	5	\$3,400	A
Masonry: Granite	5%			LIFE	**	5	\$4,100	A
Masonry: Limestone	50%	Now	\$148,600	LIFE	**	5	\$41,200	A
	<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%</i>							
	<i>Location : South Facade</i>							
	<i>Staining/Discoloring, Extent : Moderate, Area Affected : 20%</i>							
	<i>Location : Throughout</i>							
	<i>Vegetation Growth, Extent : Moderate, Area Affected : 40%</i>							
	<i>Location : Throughout</i>							
Window Wall	5%			2043	**	5	\$20,600	A
No Component	35%							D
Windows								
Aluminum	100%	Now	\$1,600	2039	**	5	\$800	A
	<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>							
	<i>Location : Southwest Window</i>							
Parapets								
Concrete Masonry Unit	5%	Now	\$1,600	LIFE	**	5	\$100	A
	<i>Horizontal Cracks, Extent : Moderate, Area Affected : 10%</i>							
	<i>Location : Throughout</i>							
	<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%</i>							
	<i>Location : Throughout</i>							
Metal Rail	25%			2028	**	5-10	\$10,900	A
Panel/Paver: Limestone	70%			LIFE	**	5	\$1,800	A
Roof								
Built-Up (BUR)	3%	Now	\$8,200	2033	**			A
	<i>Water Penetration, Extent : Moderate, Area Affected : 15%</i>							
	<i>Location : At Planters</i>							
	<i>Worn/Eroded, Extent : Moderate, Area Affected : 25%</i>							
	<i>Location : At Planters</i>							
Modified Bitumen	35%	Now	\$25,600	2031	**			A
	<i>Drains Inad/Misposn, Extent : Moderate, Area Affected : 25%</i>							
	<i>Location : Flat Section</i>							
Plaza Roof: Stone Panels	25%	Now	\$31,300	2043	**			A
	<i>Water Penetration, Extent : Moderate, Area Affected : 30%</i>							
	<i>Location : At Flashing</i>							
Sloped Glazing	27%	Now	\$183,200	LIFE	**	5	\$169,400	A
	<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>							
	<i>Location : Patrons Lounge, Stair T-2</i>							
Spray-on Foam	10%	Now	\$15,000	2033	**	5	\$3,100	A
	<i>Cracking/Crumbling, Extent : Severe, Area Affected : 35%</i>							
	<i>Location : Throughout</i>							
	<i>Punct/Tear/Impact Damage, Extent : Severe, Area Affected : 25%</i>							
	<i>Location : Throughout</i>							
	<i>Worn/Eroded, Extent : Severe, Area Affected : 25%</i>							
	<i>Location : Throughout</i>							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

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DEPARTMENT OF CULTURAL AFFAIRS - 126
METROPOLITAN MUSEUM OF ART WING T
Asset # : 2302

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
Floors								
Carpet	10%	2-4	\$136,200	2025	**	3	\$32,100	C
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Sections 900, 901</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Sections 900, 901</i>								
Carpet	15%			2022	\$204,300	3	\$48,200	C
Cast in Place Concrete	10%			LIFE	**	5	\$46,900	C
Ceramic Tile	5%			2032	**	5	\$10,700	C
Granite Panels	15%			LIFE	**	5	\$24,100	C
Marble Panels	20%			LIFE	**	5	\$32,100	C
Quarry Tile	5%			2036	**	5	\$16,100	C
Vinyl Tile	10%			2028	**	3	\$8,000	C
Wood	10%			2051	**	5	\$40,200	C
Interior Walls								
Gypsum Board	80%			LIFE	**	5	\$43,900	C
Metal Panel	5%			LIFE	**			C
Marble Panels	5%			LIFE	**			C
Wood	10%			LIFE	**	5	\$36,600	C
Ceilings								
AcousTileSusp.Lay-In	25%			2036	**	5	\$50,800	B
Exposed Concrete	10%			LIFE	**	5	\$3,200	B
Exposed Struc: Steel	5%			LIFE	**			B
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Stair T-2</i>								
Gypsum Board	55%			LIFE	**	5	\$139,700	B
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Patrons Lounge</i>								
Wood	5%			LIFE	**	5	\$88,900	B

Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Utility Steam	100%			2033	**	1		B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement D Channel</i>								
<i>Explanation : Steam Provided By Con Edison</i>								
Conversion Equipment								
Heat Exchanger	20%			2026	**	1	\$14,200	B
Pres. Reducing Valve/LP Steam	80%			2032	**	5	\$6,800	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.

DEPARTMENT OF CULTURAL AFFAIRS - 126
METROPOLITAN MUSEUM OF ART WING T
Asset # : 2302

Mechanical System Component Type	Current Repair			Future Replacement		Maintenance		Priority Code
	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Distribution								
Hot Wtr Piping/Pump	20%	Now	\$5,500	2031	**	4	\$1,400	B
	<i>Corroded, Extent : Moderate, Area Affected : 10%</i>							
	<i>Location : Various Areas</i>							
Steam Piping/Pump	80%	Now	\$61,300	2033	**	4	\$5,700	B
	<i>Corroded, Extent : Moderate, Area Affected : 15%</i>							
	<i>Location : Various Areas</i>							
	<i>Steam Traps Faulty, Extent : Severe, Area Affected : 20%</i>							
	<i>Location : Throughout</i>							
Terminal Devices								
Air Handler	80%			2028	**	1	\$70,900	B
Convactor/Radiator	20%			2028	**	1	\$9,300	B
Air Conditioning								
Energy Source								
Electricity	100%			2039	**	1		B
Conversion Equipment								
Centrifugal, Elec Chiller	100%			2032	**	1	\$155,000	B
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Garage M E R</i>							
	<i>Explanation : 4 Units For " T" & " R", R-123 Refrigerant</i>							
Distribution								
Chilled Wtr Pipe/Pump	100%			2033	**	4	\$7,100	B
Terminal Devices								
Air Handler/Cool/Ht	100%			2023		1	\$88,600	B
Heat Rejection								
Water Cool Tower	100%	Now	\$59,200	2021	\$296,200	2	\$115,200	B
	<i>Unit Inoperable, Extent : Severe, Area Affected : 50%</i>							
	<i>Location : 2 Units Need To Be Replaced, 3rd Floor Roof</i>							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$79,800	B
	<i>Faulty Air Intake, Extent : Moderate, Area Affected : 20%</i>							
	<i>Location : Louvers Are Inoperable, Various Areas</i>							
Exhaust Fans								
Interior	90%			2023	\$49,000	2	\$4,000	B
Roof	10%			2028	**	2	\$400	B
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2033	**	1		B
Water Heater								
Electric	100%			2021	\$27,200	4	\$900	B
Sanitary Piping								
Cast Iron	100%	Now	\$7,600	LIFE	**	1		B
	<i>Blockage /Clogged, Extent : Severe, Area Affected : 5%</i>							
	<i>Location : 4th Floor Kitchen Trap</i>							
	<i>Corroded, Extent : Severe, Area Affected : 10%</i>							
	<i>Location : 4th Floor Kitchen</i>							

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Estimates are rounded to the nearest hundred dollars.

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DEPARTMENT OF CULTURAL AFFAIRS - 126
METROPOLITAN MUSEUM OF ART WING T
Asset # : 2302

Mechanical System Component Type	Current Repair		Future Replacement		Maintenance		Priority Code
	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	
Plumbing							
Storm Drain Piping							
Cast Iron	100%			LIFE	* *	1	B
Sump Pump(s)							
Rigid Piping	100%			2028	* *	4	\$2,000 B
Fixtures							
Generic	100%						B
Vertical Transport							
Elevators							
Geared Traction	100%			LIFE	* *		C
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
		<i>Location : (2) 1, M, 2, 3, 4 (1) Freight 1, M, 2</i>					
		<i>Explanation : 3 Units</i>					
Fire Suppression							
Standpipe							
Generic	100%			2033	* *	1-5	\$75,000 B
Sprinkler							
No Component	80%						D
Generic	20%			2049	* *	1-2	\$8,000 B

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** Replacement cost estimated to be beyond ten years is not included in this report.

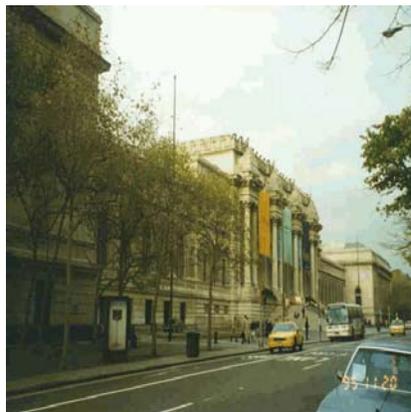
Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : METROPOLITAN MUSEUM OF ART WING W
Address : 5TH AVE & 82ND STREET
Borough : MANHATTAN **Agency's Number** : N/A
Program / Asset # : DCA0001.W00 / 2303 **Yr Built/Renovated** : 1913 / 2010
Area Sq Ft : 20,574 **Project Type** : CULTURAL AFFAIRS
Date of Survey : 15-Jun-2012 **Landmark Status** : INTERIOR, EXTERIOR, H-DISTRICT
Areas Surveyed : Basement, Roof, Floors 1,2,3
Block : 1111 **Lot** : 1 **BIN** : 1083810

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Exterior Architecture		\$242,700
Interior Architecture		\$90,400
Mechanical		\$292,100
Total		\$625,200
Priority A		\$242,700
Priority B		\$292,100
Priority C		\$90,400
Total		\$625,200

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$2,400	\$9,100		
Interior Architecture		\$2,500	\$1,600	\$4,900
Mechanical	\$56,700	\$5,400	\$10,000	\$11,100
Elevators/Escalators	\$7,900	\$7,900	\$7,900	\$7,900
Total	\$66,900	\$24,900	\$19,500	\$23,900
Priority A	\$2,400	\$9,100		
Priority B	\$64,500	\$13,300	\$17,900	\$22,800
Priority C		\$2,500	\$1,600	\$1,200
Total	\$66,900	\$24,900	\$19,500	\$23,900



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Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF CULTURAL AFFAIRS - 126
METROPOLITAN MUSEUM OF ART WING W
Asset # : 2303

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Concrete Masonry Unit	20%			LIFE	**	5	\$4,000	A
Masonry: Brick	10%			LIFE	**	5	\$3,200	A
No Component	70%							D
Parapets								
Metal Rail	100%			2036	**	5-10	\$14,900	A
Roof								
IRMA/Protected Membrane	80%			2023	\$202,300	10	\$16,200	A
		<i>Paver Block Ballast, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
Modified Bitumen	5%	Now	\$2,400	2023	\$7,900			A
		<i>Miss/Damaged Flashings, Extent : Moderate, Area Affected : 20%</i>						
		<i>Location : Elevator Shaft</i>						
		<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>						
		<i>Location : Elevator Shaft</i>						
Sloped Glazing	15%			LIFE	**	5	\$40,400	A
		<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>						
		<i>Location : North Section</i>						
Interior								
Floors								
Carpet	20%			2019	\$32,000	3	\$7,600	C
Cast in Place Concrete	10%			LIFE	**	5	\$5,500	C
Marble Panels	15%			LIFE	**	5	\$2,800	C
Terrazzo	15%			LIFE	**	5	\$3,000	C
Vinyl Tile	35%			2023	\$90,400	3	\$3,300	C
Wood	5%			2038	**	5	\$2,400	C
Interior Walls								
Ceramic Tile	5%			2032	**	5	\$1,000	C
Concrete Masonry Unit	10%			LIFE	**	5	\$800	C
Gypsum Board	50%			LIFE	**	5	\$6,200	C
Plaster	25%			LIFE	**	5	\$1,600	C
Plywood/Hardboard	10%			LIFE	**			C
Ceilings								
AcousTileSusp.Lay-In	25%			2028	**	5	\$7,500	B
Exposed Concrete	60%			LIFE	**	5	\$2,800	B
Gypsum Board	15%			LIFE	**	5	\$5,600	B

Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	

Heating

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF CULTURAL AFFAIRS - 126
METROPOLITAN MUSEUM OF ART WING W
Asset # : 2303

Mechanical	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Utility Steam	100%			2033	**	1		B
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Basement D Tunnel</i>							
	<i>Explanation : Steam Provided By Con Edison</i>							
<hr/>								
Conversion Equipment								
Heat Exchanger	20%			2032	**	1	\$1,700	B
	<i>Other Observation, Extent : Light, Area Affected : 20%</i>							
	<i>Location : Basement</i>							
	<i>Explanation : 2 Units</i>							
<hr/>								
Pres. Reducing Valve/LP Steam	80%			2032	**	5	\$800	B
	<i>Other Observation, Extent : Light, Area Affected : 80%</i>							
	<i>Location : Basement Steam Room</i>							
	<i>Explanation : Incoming Steam Valve For Entire Museum</i>							
<hr/>								
Distribution								
Hot Wtr Piping/Pump	20%	Now	\$1,300	2022	\$13,000	4	\$200	B
	<i>Corroded, Extent : Severe, Area Affected : 15%</i>							
	<i>Location : Throughout</i>							
	<i>Leak Evident, Extent : Moderate, Area Affected : 3%</i>							
	<i>Location : Various Areas</i>							
<hr/>								
Steam Piping/Pump	80%	Now	\$14,400	2023	\$72,100	4	\$700	B
	<i>Corroded, Extent : Severe, Area Affected : 50%</i>							
	<i>Location : Throughout</i>							
	<i>Leak Evident, Extent : Severe, Area Affected : 5%</i>							
	<i>Location : Return Pipe, Steam Room And Various Other Areas</i>							
	<i>Steam Traps Faulty, Extent : Severe, Area Affected : 5%</i>							
	<i>Location : Various Areas</i>							
	<i>Other Observation, Extent : Severe, Area Affected : 3%</i>							
	<i>Location : Basement Mech Equip Room</i>							
	<i>Explanation : Condensate And Cooling Tanks Are Undersized, Rusted, Leaking</i>							
<hr/>								
Terminal Devices								
Air Handler	75%	Now	\$8,400	2023	\$83,500	1	\$7,000	B
	<i>Corroded, Extent : Severe, Area Affected : 5%</i>							
	<i>Location : Connection Of Coils, Various Areas</i>							
	<i>Leak Evident, Extent : Severe, Area Affected : 5%</i>							
	<i>Location : Connection Of Coils, Various Areas</i>							
	<i>Malfunctioning, Extent : Severe, Area Affected : 5%</i>							
	<i>Location : Pneumatic Control System</i>							
<hr/>								
Convactor/Radiator	25%			2021	\$57,600	1	\$1,400	B
<hr/>								
Air Conditioning								
Energy Source								
Electricity	100%			2031	**	1		B

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Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF CULTURAL AFFAIRS - 126
METROPOLITAN MUSEUM OF ART WING W
Asset # : 2303

Mechanical	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Air Conditioning								
Conversion Equipment								
Centrifugal, Elec Chiller	100%			2026	* *	1	\$18,200	B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement Mech Room</i>								
<i>Explanation : 3 Units - R11 Being Used - Providing C. W. To Adjacent Sections</i>								
Distribution								
Chilled Wtr Pipe/Pump	100%	Now	\$4,900	2033	* *	4	\$800	B
<i>Corroded, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
<i>Insul. Deteriorating, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Various Areas</i>								
<i>Leak Evident, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Return Piping</i>								
<i>Malfunctioning, Extent : Severe, Area Affected : 3%</i>								
<i>Location : Chilled Water Pump</i>								
Terminal Devices								
Air Handler/Cool/Ht	90%			2023		1	\$9,400	B
Fan Coil - Cooling	10%			2023		1	\$500	B
Heat Rejection								
Water Cool Tower	50%			2027	* *	2	\$8,500	B
Water Cool Tower	50%	Now	\$1,700	2021		2	\$6,800	B
<i>Corroded, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Supporting Structure, Roof</i>								
Ventilation								
Distribution								
Ductwork/Diffusers	100%	Now	\$2,300	LIFE	* *	2-5	\$9,400	B
<i>Faulty Air Intake, Extent : Severe, Area Affected : 5%</i>								
<i>Location : Louvers Are Inoperable, Throughout</i>								
<i>Unbalanced System, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Various Areas</i>								
Exhaust Fans								
Interior	60%			2018		2	\$300	B
Roof	40%			2023		2	\$200	B
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2033	* *	1		B
HW Heat Exchanger								
Low Temp	100%	0-2	\$6,400	2053	* *	4	\$1,700	B
<i>Corroded, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Coil</i>								
<i>On Extended Life, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Basement Mech Equip Room</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement Mech Room</i>								
<i>Explanation : Major Domestic Hot Water Provider For The Museum</i>								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		B

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Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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DEPARTMENT OF CULTURAL AFFAIRS - 126
METROPOLITAN MUSEUM OF ART WING W
Asset # : 2303

Mechanical	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Plumbing								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		B
Sump Pump(s)								
Rigid Piping	100%	Now	\$11,100	2033	* *	4	\$1,300	B
			<i>Malfunctioning, Extent : Severe, Area Affected : 50%</i>					
			<i>Location : Basement</i>					
			<i>On Extended Life, Extent : Severe, Area Affected : 100%</i>					
			<i>Location : Basement</i>					
Sewage Ejector(s)								
Electric	100%			2028	* *	4	\$2,000	B
Fixtures								
Generic	100%							B
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			C
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : (1) - Ll, G, 1, 1m, 2, 2m, 3m (1) Freight - G, 1, 1m, 2, 2m, 3m</i>					
			<i>Explanation : 2 Units</i>					
Fire Suppression								
Standpipe								
Generic	100%			2033	* *	1-5	\$8,800	B
Sprinkler								
No Component	50%							D
Generic	50%			2049	* *	1-2	\$2,400	B
Fire Pump								
Generic	100%			2036	* *	1	\$3,200	B
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Basement</i>					
			<i>Explanation : Services The Entire Museum</i>					

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : METROPOLITAN MUSEUM OF ART WING X
Address : 5TH AVE & 82ND STREET
Borough : MANHATTAN **Agency's Number** : N/A
Program / Asset # : DCA0001.X00 / 151 **Yr Built/Renovated** : 1912 / 2011
Area Sq Ft : 9,298 **Project Type** : CULTURAL AFFAIRS
Date of Survey : 15-Jun-2012 **Landmark Status** : INTERIOR, EXTERIOR, H-DISTRICT
Areas Surveyed : Basement, Roof, Floors 1,2,3
Block : 1111 **Lot** : 1 **BIN** : 1083810

CAPITAL		FY 2015 - 2018	FY 2019 - 2024
Interior Architecture			\$40,900
Mechanical			\$84,900
Total			\$125,800
Priority B			\$84,900
Priority C			\$40,900
Total			\$125,800

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$33,300	\$2,500		\$3,300
Interior Architecture		\$3,700	\$500	\$3,900
Mechanical	\$9,000	\$1,100	\$1,700	\$2,500
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$46,300	\$11,300	\$6,200	\$13,700
Priority A	\$33,300	\$2,500		\$3,300
Priority B	\$13,000	\$6,200	\$5,700	\$9,300
Priority C		\$2,600	\$500	\$1,100
Total	\$46,300	\$11,300	\$6,200	\$13,700



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF CULTURAL AFFAIRS - 126
METROPOLITAN MUSEUM OF ART WING X
Asset # : 151

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Concrete Masonry Unit	25%			LIFE	**	5	\$3,500	A
No Component	75%							D
Windows								
Steel	10%	Now	\$33,300	2048	**	5	\$3,300	A
<i>Condensation Present, Extent : Moderate, Area Affected : 70%</i>								
<i>Location : Throughout</i>								
<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
No Component	90%							D
Parapets								
Metal Panel	5%			2043	**	5		A
Metal Rail	95%			2036	**	5-10	\$4,200	A
Roof								
IRMA/Protected Membrane	50%			2028	**	10	\$3,300	A
<i>Paver Block Ballast, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Modified Bitumen	50%			2033	**	10	\$3,300	A
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Interior								
Floors								
Carpet	45%			2022	\$32,600	3	\$7,700	C
Cast in Place Concrete	10%			LIFE	**	5	\$2,500	C
Vinyl Tile	35%			2023	\$40,900	3	\$1,500	C
Wood	10%			2038	**	5	\$2,100	C
Interior Walls								
Concrete Masonry Unit	5%			LIFE	**	5	\$100	C
Gypsum Board	60%			LIFE	**	5	\$1,800	C
Masonry: Brick	10%			LIFE	**			C
Plaster	25%			LIFE	**	5	\$400	C
Ceilings								
AcousTile,Adhered	20%			2036	**	5	\$2,300	B
AcousTileSusp.Lay-In	50%			2028	**	5	\$5,700	B
Exposed Concrete	20%			LIFE	**	5	\$400	B
Exposed Struc: Steel	10%			LIFE	**			B

Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	

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.

DEPARTMENT OF CULTURAL AFFAIRS - 126
METROPOLITAN MUSEUM OF ART WING X
Asset # : 151

Mechanical	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Utility Steam	100%			2033	**	1		B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement D Tunnel</i>								
<i>Explanation : Steam Provided By Con Edison</i>								
<hr/>								
Distribution								
Hot Wtr Piping/Pump	10%	Now	\$300	2022	\$2,900	4		B
<i>Corroded, Extent : Severe, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
<i>Leak Evident, Extent : Severe, Area Affected : 5%</i>								
<i>Location : Various Areas</i>								
Steam Piping/Pump	90%	Now	\$3,700	2033	**	4	\$300	B
<i>Corroded, Extent : Severe, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
<i>Leak Evident, Extent : Severe, Area Affected : 5%</i>								
<i>Location : Various Areas</i>								
<hr/>								
Terminal Devices								
Air Handler	90%	Now	\$900	2023	\$45,300	1	\$3,800	B
<i>Malfunctioning, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Pneumatic Control System</i>								
Convactor/Radiator	10%			2028	**	1	\$300	B
<hr/>								
Air Conditioning								
Energy Source								
District C.W.	100%			2049	**	1		B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : W Wing Mech Room</i>								
<i>Explanation : Chilled Water Comes From W Wing</i>								
<hr/>								
Distribution								
Chilled Wtr Pipe/Pump	100%	Now	\$2,200	2033	**	4	\$400	B
<i>Corroded, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
<hr/>								
Terminal Devices								
Air Handler/Cool/Ht	100%			2023	\$39,600	1	\$4,700	B
<hr/>								
Ventilation								
Distribution								
Ductwork/Diffusers	100%	Now	\$1,000	LIFE	**	2-5	\$4,200	B
<i>Faulty Air Intake, Extent : Severe, Area Affected : 5%</i>								
<i>Location : Various Areas</i>								
<i>Unbalanced System, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Various Areas</i>								
<hr/>								
Exhaust Fans								
Interior	90%			2023	\$2,600	2	\$200	B
Roof	10%			2018	\$200	2		B
<hr/>								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2033	**	1		B

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF CULTURAL AFFAIRS - 126
METROPOLITAN MUSEUM OF ART WING X
Asset # : 151

Mechanical System Component Type	Current Repair		Future Replacement		Maintenance		Priority Code
	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	
Plumbing							
Sanitary Piping							
Cast Iron	100%			LIFE	* *	1	B
Storm Drain Piping							
Cast Iron	100%			LIFE	* *	1	B
Fixtures							
Generic	100%						B
Vertical Transport							
Elevators							
Geared Traction	100%			LIFE	* *		C
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
		<i>Location : G, I, M.</i>					
		<i>Explanation : One Unit</i>					
Fire Suppression							
Standpipe							
Generic	100%			2033	* *	1-5	\$4,000 B
Sprinkler							
No Component	80%						D
Generic	20%			2049	* *	1-2	\$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.

Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : MUSEUM OF JEWISH HERITAGE
Address : 36 BATTERY PLACE @BATTERY PARK CITY
Borough : MANHATTAN **Agency's Number** : N/A
Program / Asset # : DCA0038.000 / 4436 **Yr Built/Renovated** : 1997 / 2004
Area Sq Ft : 115,000 **Project Type** : CULTURAL AFFAIRS
Date of Survey : 26-Sep-2008 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 2,3,4
Block : 16 **Lot** : 10 **BIN** : 1084594

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$38,400	\$308,500
Interior Architecture	\$38,700	\$100,300
Total	\$77,100	\$408,800
Priority A	\$38,400	\$308,500
Priority B	\$38,700	\$100,300
Total	\$77,100	\$408,800

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$14,600	\$28,800	\$8,900	
Interior Architecture	\$70,400	\$1,800	\$15,800	\$42,200
Electrical	\$18,800	\$7,800	\$17,700	\$43,700
Mechanical	\$900	\$3,100	\$7,900	\$2,300
Elevators/Escalators	\$26,500	\$26,500	\$26,500	\$26,500
Total	\$131,000	\$67,900	\$76,700	\$114,800
Priority A	\$14,600	\$28,800	\$8,900	
Priority B	\$72,000	\$37,400	\$52,000	\$72,500
Priority C	\$44,400	\$1,800	\$15,800	\$42,200
Total	\$131,000	\$67,900	\$76,700	\$114,800



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF CULTURAL AFFAIRS - 126
MUSEUM OF JEWISH HERITAGE
Asset # : 4436

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Interior								
Ceilings								
AcousTileSusp.Lay-In	10%			2037	**	5	\$14,100	B
AcousTileSusp.Lay-In	45%			2037	**	5	\$63,400	B
Exposed Concrete	24%	4+	\$25,900	LIFE	**	5	\$5,300	B
<i>Other Observation, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Exhibition Spaces</i>								
<i>Explanation : With Spray-on Coating</i>								
Exposed Struc: Steel	10%			LIFE	**			B
Gypsum Board	5%			LIFE	**	5	\$8,800	B
Gypsum Board	1%			LIFE	**	5	\$1,800	B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Exhibition Space Lobby</i>								
<i>Explanation : Faux Finish To Match Granite Wall Panels</i>								
Wood	5%			LIFE	**	5	\$61,600	B

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts								
Service Equipment								
Fused Disc Sw	48%			2046	**	5	\$200	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room New Wing</i>								
<i>Explanation : One 5000 Amps Service</i>								
Fused Disc Sw	48%			2040	**	5	\$200	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room / New Wing</i>								
<i>Explanation : One 3000 Amps Service</i>								
Photovoltaic Panel(s)	4%			2035	**	1		B
<i>Other Observation, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Electrical Room New Wing</i>								
<i>Explanation : New Photovoltaic System</i>								
Transformers								
Dry Type	34%			2037	**	5	\$100	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : One 34 Kva</i>								
Dry Type	66%			2040	**	5	\$200	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Rooftop Switchgear Room - New Wing</i>								
<i>Explanation : Three 34 Kva For Photovoltaic</i>								
Switchgear / Switchboard								
Fused Disc Sw	25%			2040	**	5	\$100	B
Fused Disc Sw	75%			2046	**	5	\$300	B

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Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF CULTURAL AFFAIRS - 126
MUSEUM OF JEWISH HERITAGE
Asset # : 4436

Electrical	Current Repair		Future Replacement		Maintenance		Priority Code	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts								
Raceway								
Conduit	25%			2040	**	1		B
Conduit	75%			2046	**	1		B
Panelboards								
Molded Case Bkrs	25%			2036	**	5	\$600	B
Molded Case Bkrs	75%			2042	**	5	\$1,900	B
Wiring								
Thermoplastic	25%			2040	**	1		B
Thermoplastic	75%			2046	**	1		B
Motor Controllers								
Locally Mounted	10%			2033	**	5	\$100	B
Locally Mounted	30%			2037	**	5	\$200	B
Motor Control Center	20%			2033	**	5	\$500	B
Motor Control Center	40%			2037	**	5	\$1,000	B
Ground								
Grounding Devices								
Metal Water Pipe	100%			2033	**	5	\$2,800	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : Ground Connection Located On Combined Domestic/fire Pump Water Supply Line</i>								
Stand-by Power								
Transfer Switches								
Automatic	80%			2037	**	1	\$23,200	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room New Wing</i>								
<i>Explanation : Five 1200 Amps Ats</i>								
Automatic	20%			2033	**	1	\$5,800	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room Core Building</i>								
<i>Explanation : One 1200 Amps Ats</i>								
Generators								
Diesel	100%			2033	**	1	\$36,400	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : 5th Floor Mechanical Area</i>								
<i>Explanation : One 763 Kva Kohler Type</i>								
Batteries								
Lead/Acid	100%			2015	\$600	5	\$3,500	B
Fuel Storage								
Day Tank	100%			2042	**	5	\$17,500	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Generator Enclosure On Roof</i>								
<i>Explanation : Using 250 Gal. Tank</i>								
Lighting								

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Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF CULTURAL AFFAIRS - 126
MUSEUM OF JEWISH HERITAGE
Asset # : 4436

Electrical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Lighting								
Interior Lighting								
Fluorescent	10%			2025	**	10	\$8,600	B
Fluorescent	40%			2028	**	10	\$34,500	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Using T5 And T8 Lamps</i>								
HID	5%			2025	**	10	\$200	B
HID	10%			2028	**	10	\$300	B
Incandescent	30%			2025	**	2	\$600	B
Incandescent	5%			2028	**	2	\$100	B
Egress Lighting								
Emergency, Service	10%			2028	**	1		B
Exit, LED	30%			2048	**	1		B
Exit, LED	60%			2055	**	1		B
Lightning Protection								
Arresters/Cabling								
Copper	100%			2030	**	1	\$6,500	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Rooftop</i>								
<i>Explanation : Air Terminals Mounted On Perimeter Of Roof</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 Code
Heating								
Energy Source								
Electricity	100%			2046	**	1		B
Conversion Equipment								
Gas/Elec Unit Heater	10%			2028	**	4	\$400	B
No Component	90%							D
Air Conditioning								
Energy Source								
Electricity	100%			2042	**	1		B
Conversion Equipment								
Heat Pump	10%			2024	\$400	2	\$600	B
Ext Pkg Unit - Heating/Cooling	90%			2028	**	2	\$5,200	B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Roof</i>								
<i>Explanation : Rtu's With Electric Heating & Cooling</i>								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$52,500	B
Exhaust Fans								
Roof	100%			2028	**	2	\$2,900	B
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.*

DEPARTMENT OF CULTURAL AFFAIRS - 126
MUSEUM OF JEWISH HERITAGE
Asset # : 4436

Mechanical	Current Repair		Future Replacement		Maintenance		Priority Code	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)		Estimated Cost
Plumbing								
H/C Water Piping Brass/Copper	100%			2046	**	1		B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : House Duplex Pump Package</i>								
Water Heater Electric	100%			2019	\$16,600	4	\$800	B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Point Of Use Heaters</i>								
Sanitary Piping Cast Iron	100%			LIFE	**	1		B
Storm Drain Piping Cast Iron	100%			LIFE	**	1		B
Sewage Ejector(s) Electric	100%			2028	**	4	\$2,000	B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : Duplex Pkg</i>								
Backflow Preventer Generic	100%			2028	**	1	\$5,800	B
Fixtures Generic	100%							B
Vertical Transport								
Elevators								
Geared Traction	60%			LIFE	**			C
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : All Floors</i>								
<i>Explanation : 2 Passenger, 1 Freight</i>								
Hydraulic	40%			LIFE	**			C
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : All Floors</i>								
<i>Explanation : 2 Passenger Elevators</i>								
Escalators Under 20' Rise	100%			LIFE	**			C
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Original Wing</i>								
<i>Explanation : 2 Units</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

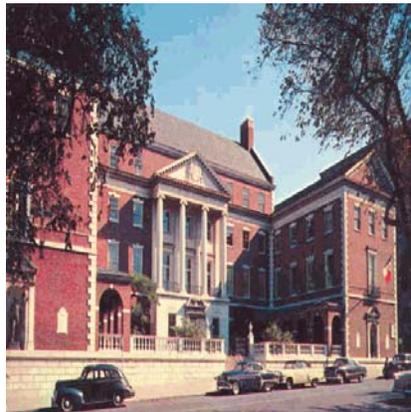
Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : MUSEUM OF THE CITY OF NEW YORK
 Address : 1220 FIFTH AVE. @ E. 104 STREET
 Borough : MANHATTAN Agency's Number : N/A
 Program / Asset # : DCA0013.000 / 2376 Yr Built/Renovated : 1929 / 2012
 Area Sq Ft : 153,637 Project Type : CULTURAL AFFAIRS
 Date of Survey : 29-Jan-2013 Landmark Status : EXTERIOR LANDMARK
 Areas Surveyed : Basement, Roof, Floors 1,2,3,4,5
 Block : 1609 Lot : 1 BIN : 1074157

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$975,500	\$109,400
Interior Architecture	\$1,214,500	\$741,200
Electrical		\$400,300
Mechanical		\$863,500
Total	\$2,190,000	\$2,114,500
Priority A	\$975,500	\$109,400
Priority B	\$264,900	\$1,380,300
Priority C	\$949,600	\$624,800
Total	\$2,190,000	\$2,114,500

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$63,700	\$31,200	\$10,900	
Interior Architecture	\$58,700		\$14,000	\$18,800
Electrical	\$68,300	\$21,800	\$18,000	\$16,500
Mechanical	\$93,800	\$70,100	\$47,900	\$74,700
Elevators/Escalators	\$14,800	\$14,800	\$14,800	\$14,800
Total	\$299,300	\$137,900	\$105,600	\$124,800
Priority A	\$63,700	\$31,200	\$10,900	
Priority B	\$187,100	\$106,600	\$94,700	\$106,000
Priority C	\$48,500			\$18,800
Total	\$299,300	\$137,900	\$105,600	\$124,800



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Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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DEPARTMENT OF CULTURAL AFFAIRS - 126
MUSEUM OF THE CITY OF NEW YORK
Asset # : 2376

Architecture	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	55%	Now	\$393,300	LIFE	**	5	\$54,400	A
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Various Locations Throughout</i>								
Masonry: Limestone	10%	Now	\$267,300	LIFE	**	5	\$7,400	A
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Various Locations Throughout</i>								
Masonry: Marble	18%			LIFE	**	5	\$26,700	A
Metal Sect. OHD	2%			2037	**	5	\$6,200	A
Marble Panels	5%			LIFE	**	5	\$7,400	A
Window Wall	10%	0-2	\$58,500	2044	**	5	\$18,500	A
<i>Caulking Deteriorated, Extent : Light, Area Affected : 15%</i>								
<i>Location : Courtyard</i>								
Windows								
Steel	5%	Now	\$62,900	2049	**	5	\$6,200	A
<i>Air Infiltration, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : North Facade</i>								
<i>Bent/Warped Elements, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : North Facade</i>								
<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 45%</i>								
<i>Location : North Facade</i>								
Steel	25%			2046	**	5	\$62,500	A
<i>Recent Repair Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : South Wing, 2012</i>								
Wood	15%	Now	\$101,200	2049	**	5	\$15,000	A
<i>Caulking Deteriorated, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : North Wing</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : North Wing</i>								
Wood	55%			2046	**	5	\$110,000	A
<i>Recent Repair Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : South Wing, 2012</i>								
Parapets								
Glazed Ceramic Panel	5%			2044	**	5-10	\$3,900	A
Masonry: Brick	75%			LIFE	**	5-10	\$37,700	A
Masonry: Marble	18%			LIFE	**	5-10	\$16,100	A
Metal Rail	2%			2037	**	5-10	\$2,700	A
Roof								
IRMA/Protected Membrane	10%			2029	**	10	\$6,800	A
Metal Panel	5%			2037	**	10	\$6,200	A
Panel/Paver: Cer/Brk	5%			2044	**	10	\$4,500	A
Single Ply Membrane	20%			2029	**	10	\$13,600	A
Skylight, Metal/Glass	5%			2034	**	10	\$11,300	A
Slate	55%			LIFE	**	10	\$37,300	A
Interior								

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DEPARTMENT OF CULTURAL AFFAIRS - 126
MUSEUM OF THE CITY OF NEW YORK
Asset # : 2376

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
Floors								
Carpet	15%	4+	\$35,900	2025	**	3	\$42,300	C
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : 5th Floor South Wing, 2012</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Auditorium In North Wing</i>								
Cast in Place Concrete	15%			LIFE	**	5	\$123,500	C
Ceramic Tile	5%			2033	**	5	\$9,400	C
Marble Panels	15%	Now	\$547,300	LIFE	**	5	\$21,200	C
<i>Horizontal Cracks, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : North Wing</i>								
<i>Recent Repair Evident, Extent : Light, Area Affected : 50%</i>								
<i>Location : South Wing, 2012</i>								
Sheet Vinyl/Rubber	10%			2024	\$314,800	5	\$28,200	C
Wood	40%			2052	**	5	\$141,100	C
<i>Recent Repair Evident, Extent : Light, Area Affected : 50%</i>								
<i>Location : South Wing, 2012</i>								
Interior Walls								
Fabric on Framing	15%			2025	**	5	\$25,200	C
<i>Recent Repair Evident, Extent : Light, Area Affected : 50%</i>								
<i>Location : South Wing, 2012</i>								
Gypsum Board	30%			LIFE	**	5-10	\$171,000	C
<i>Recent Repair Evident, Extent : Light, Area Affected : 50%</i>								
<i>Location : South Wing, 2012</i>								
Plaster	50%			LIFE	**	5-10	\$142,500	C
<i>Recent Repair Evident, Extent : Light, Area Affected : 50%</i>								
<i>Location : South Wing, 2012</i>								
Wood	5%			LIFE	**	5	\$134,100	C
Ceilings								
AcousTileSusp.Lay-In	15%			2037	**	5	\$27,900	B
Exposed Concrete	5%			LIFE	**	5-10	\$11,600	B
Gypsum Board	50%			LIFE	**	5-10	\$320,200	B
<i>Recent Repair Evident, Extent : Light, Area Affected : 50%</i>								
<i>Location : South Wing, 2012</i>								
Plaster	30%			LIFE	**	5-10	\$96,100	B

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
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.

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DEPARTMENT OF CULTURAL AFFAIRS - 126
MUSEUM OF THE CITY OF NEW YORK
Asset # : 2376

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
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	35%			2050	**	5	\$200	B
<i>Recent Installation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : One 2000 Amps Main Disconnect Switch</i>								
Fused Disc Sw	35%			2050	**	5	\$200	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : One 3000 Amps Main Disconnect Switch</i>								
Fused Disc Sw	30%			2050	**	5	\$200	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : One 1200 Amps Main Disconnect Switch For Emergency</i>								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2050	**	5	\$3,300	B
Raceway								
Conduit	30%			2050	**	1		B
<i>Recent Installation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
Conduit	70%			2024		1	\$43,200	B
Panelboards								
Fused Disc Sw	10%			2023	\$5,500	5	\$300	B
Fused Disc Sw	5%			2046	**	5	\$100	B
Molded Case Bkrs	30%			2046	**	5	\$1,000	B
Molded Case Bkrs	55%			2023	\$30,100	5	\$1,800	B
Wiring								
Braided Cloth	50%	2-4	\$23,700	2049	**	1		B
<i>Insulation Aged, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Thermoplastic	50%			2050	**	1		B
Motor Controllers								
Locally Mounted	70%			2022	\$87,200	5	\$600	B
Locally Mounted	30%			2029	**	5	\$300	B
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$3,700	B
Stand-by Power								
Transfer Switches								
Automatic	100%			2041	**	1	\$38,800	B
Generators								
Diesel	100%			2037	**	1	\$48,700	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Gallery Roof</i>								
<i>Explanation : One 380 Kw</i>								

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DEPARTMENT OF CULTURAL AFFAIRS - 126
MUSEUM OF THE CITY OF NEW YORK
Asset # : 2376

System Component Type	Current Repair		Future Replacement		Maintenance		Priority Code	
	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)		Estimated Cost
Stand-by Power								
Batteries								
Lead/Acid	100%			2019	\$700	5	\$4,700	B
Fuel Storage								
Day Tank	50%			2046	* *	5	\$11,700	B
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Gallery Roof</i>							
	<i>Explanation : One 50 Gals</i>							
Main Tank	50%			2027	* *	5	\$1,900	B
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Sub Basement</i>							
	<i>Explanation : One 8000 Gals</i>							
Lighting								
Interior Lighting								
Fluorescent	20%			2019	\$113,800	10	\$23,100	B
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : Using T-12 Lamps</i>							
Fluorescent	55%			2032	* *	10	\$63,400	B
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : Using T-8 Lamps</i>							
Fluorescent	5%			2032	* *	10	\$5,800	B
	<i>T-5 Lamps, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
Incandescent	10%			2032	* *	2	\$300	B
Incandescent	10%			2019	\$56,900	2	\$300	B
Egress Lighting								
Emergency, Service	35%			2032	* *	1		B
Emergency, Battery	15%			2024	\$8,400	10	\$4,600	B
Exit, LED	20%			2059	* *	1		B
Exit, Service	30%			2024	\$6,700	1		B
Exterior Lighting								
HID	100%			2032	* *	10	\$400	B
Lightning Protection								
Arresters/Cabling								
Generic	100%			2039	* *	5	\$3,700	B
Alarm								
Security System								
No Component	50%							D
Generic	50%			2032	* *	1	\$23,500	B
Fire/Smoke Detection								
No Component	40%							D
Generic	60%			2032	* *	1-3	\$46,600	B

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DEPARTMENT OF CULTURAL AFFAIRS - 126
MUSEUM OF THE CITY OF NEW YORK
Asset # : 2376

Mechanical	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2050	**	1		B
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Sub Basement Vault</i>							
	<i>Explanation : (1) 8,000 Gallon Tank</i>							
Conversion Equipment								
Steam Boiler	100%			2037	**	1	\$124,600	B
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Sub Basement Boiler Room</i>							
	<i>Explanation : 2 Dual Fuel Steam Boilers</i>							
Distribution								
Steam Piping/Pump	25%	0-2	\$26,900	2024	\$269,200	4	\$1,600	B
	<i>Corroded, Extent : Severe, Area Affected : 20%</i>							
	<i>Location : All Floors Except Sub Basement</i>							
	<i>Malfunctioning, Extent : Moderate, Area Affected : 50%</i>							
	<i>Location : Radiator Valves, Throughout</i>							
Steam Piping/Pump	75%			2050	**	4	\$4,700	B
	<i>Other Observation, Extent : Light, Area Affected : 75%</i>							
	<i>Location : Boiler Room And Sub Basement</i>							
	<i>Explanation : New Piping</i>							
Terminal Devices								
Air Handler	75%			2032	**	1	\$58,400	B
Convactor/Radiator	25%			2022	\$364,100	1	\$10,200	B
	<i>On Extended Life, Extent : Moderate, Area Affected : 25%</i>							
	<i>Location : Throughout North Side Of The Building, Steam Radiators Are Beyond Their Useful Life Cycle Limit</i>							
Air Conditioning								
Energy Source								
Electricity	100%			2040	**	1		B
Conversion Equipment								
Centrifugal, Elec Chiller	75%			2037	**	1	\$102,100	B
	<i>Malfunctioning, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Sub Basement, Malfunctioning Operation Governor On 2 Of 2 Chillers</i>							
	<i>Other Observation, Extent : Light, Area Affected : 75%</i>							
	<i>Location : Sub Basement Air Conditioning Equip. Room</i>							
	<i>Explanation : 2 Newly Installed Units With Refrigerant 410, Operating Continuously To Preserve Exhibits. Equip. Still Under Warranty</i>							
Window/Wall Unit	25%			2019	\$79,300	1		B
Distribution								
Chilled Wtr Pipe/Pump	75%			2050	**	4	\$4,700	B
No Component	25%							D
	<i>Other Observation, Extent : Light, Area Affected : 0%</i>							
	<i>Location :</i>							
	<i>Explanation : Construction Work Still In Progress</i>							

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DEPARTMENT OF CULTURAL AFFAIRS - 126
MUSEUM OF THE CITY OF NEW YORK
Asset # : 2376

Mechanical	Current Repair		Future Replacement		Maintenance		Priority Code	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)		Estimated Cost
Air Conditioning								
Terminal Devices								
Air Handler/Cool/Ht	75%			2032	**	1	\$58,400	B
No Component	25%							D
Heat Rejection								
Water Cool Tower	100%			2028	**	2	\$126,500	B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Roof</i>								
<i>Explanation : Equipment Runs Continuously To Preserve Exhibits</i>								
Ventilation								
Distribution								
Ductwork/Diffusers	20%			LIFE	**	2-5	\$22,200	B
No Component	80%							D
Exhaust Fans								
Interior	75%			2032	**	2	\$2,900	B
Roof	25%			2019	\$30,700	2	\$1,000	B
<i>On Extended Life, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : The Roof Top Exhaust Fans Are Beyond Their Useful Life Cycle Limit</i>								
Plumbing								
H/C Water Piping								
Brass/Copper	75%			2050	**	1		B
Galv Iron/Steel	25%			2022	\$115,100	1		B
<i>On Extended Life, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout The North Side Of The Building</i>								
Water Heater								
Gas Fired	100%			2022	\$35,900	2	\$1,900	B
Sanitary Piping								
Cast Iron	75%			LIFE	**	1		B
Cast Iron	25%			LIFE	**	1		B
<i>On Extended Life, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout The North Side Of The Building</i>								
Storm Drain Piping								
Cast Iron	50%			LIFE	**	1		B
<i>On Extended Life, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : The North Side Risers</i>								
Cast Iron	50%			LIFE	**	1		B
Sump Pump(s)								
Rigid Piping	100%			2029	**	4	\$1,300	B
Sewage Ejector(s)								
Electric	100%			2029	**	4	\$1,300	B
Backflow Preventer								
Generic	100%			2032	**	1	\$7,800	B
Fixtures								
Generic	100%							B
Vertical Transport								

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**DEPARTMENT OF CULTURAL AFFAIRS - 126
MUSEUM OF THE CITY OF NEW YORK
Asset # : 2376**

Mechanical	Current Repair		Future Replacement		Maintenance		Priority Code	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			C
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : (1) G-5 (2) Sub Basement - 5</i>							
	<i>Explanation : 2 Of 3 Units Under Going Renovation</i>							
Fire Suppression								
Standpipe								
Generic	100%			2050	* *	1-5	\$63,500	B
Sprinkler								
No Component	25%							D
Generic	75%			2050	* *	1-2	\$26,500	B
	<i>Combination Sprinkler/Stdpipe, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Sub Basement</i>							
Fire Pump								
No Component	25%							D
Generic	75%			2037	* *	1	\$17,600	B

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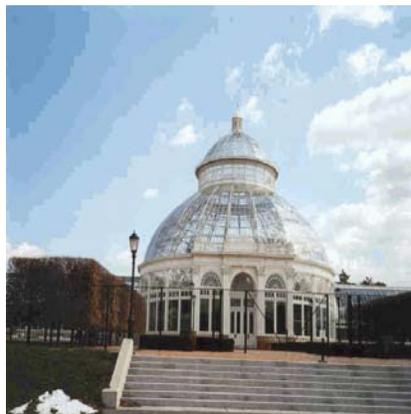
Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : NEW YORK BOTANICAL GARDEN CONSERVATORY
Address : SOUTHERN BLVD. @200TH STREET
Borough : BRONX **Agency's Number** : N/A
Program / Asset # : DCA0010.050 / 1577 **Yr Built/Renovated** : 1901 / 1997
Area Sq Ft : 57,811 **Project Type** : CULTURAL AFFAIRS
Date of Survey : 20-Apr-2011 **Landmark Status** : EXTERIOR LANDMARK
Areas Surveyed : Basement, Roof, Floors 1
Block : 3272 **Lot** : 1 **BIN** : 2109455

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$2,795,600	\$1,542,700
Interior Architecture		\$69,100
Mechanical	\$46,900	\$506,700
Total	\$2,842,600	\$2,118,600
Priority A	\$2,795,600	\$1,542,700
Priority B	\$46,900	\$506,700
Priority C		\$69,100
Total	\$2,842,600	\$2,118,600

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$13,500			\$33,800
Interior Architecture		\$1,800		\$11,900
Electrical	\$11,000	\$4,100	\$4,900	\$4,800
Mechanical	\$22,400	\$8,000	\$10,500	\$9,100
Total	\$46,900	\$13,900	\$15,400	\$59,500
Priority A	\$13,500			\$33,800
Priority B	\$33,400	\$12,200	\$15,400	\$13,800
Priority C		\$1,800		\$11,900
Total	\$46,900	\$13,900	\$15,400	\$59,500



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**DEPARTMENT OF CULTURAL AFFAIRS - 126
NEW YORK BOTANICAL GARDEN CONSERVATORY**

Asset # : 1577

Architecture	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Cast Iron	10%	Now	\$111,000	LIFE	**			A
<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Primary Entrance Vestibules</i>								
Masonry: Brick	5%	Now	\$13,500	LIFE	**	5	\$1,900	A
<i>Diagonal Cracks, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Restroom Wing</i>								
<i>Horizontal Cracks, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Restroom Wing</i>								
Masonry: Limestone	25%			LIFE	**	5	\$7,000	A
Window Wall	55%	Now	\$106,100	2042	**	5	\$38,400	A
<i>Corrosion/Rusting, Extent : Light, Area Affected : 15%</i>								
<i>Location : Interior Face Of Window Walls</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout Vertical Window Wall</i>								
<i>Explanation : Framing Made Of Cast Iron</i>								
Wood	5%	Now	\$48,300	2035	**	5	\$4,700	A
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Secondary Entry Vestibules</i>								
<i>Dry Rot/Decay, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Secondary Entry Vestibules</i>								
Windows								
Steel	10%			2038	**	5	\$49,900	A
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Upper</i>								
<i>Explanation : Cast Iron - Operable Portion Of Windows</i>								
No Component	90%							D

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DEPARTMENT OF CULTURAL AFFAIRS - 126
NEW YORK BOTANICAL GARDEN CONSERVATORY

Asset # : 1577

Architecture	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Roof								
Built-Up (BUR)	5%	Now	\$38,600	2032	**			A
<i>Blisters, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Over Restrooms</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 5%</i>								
<i>Location : Over Boiler Room</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Over Restroom</i>								
Roll Roofing	8%			2018	\$51,100	5	\$17,700	A
Skylight, Metal/Glass	2%			2042	**	10	\$8,800	A
Sloped Glazing	85%	Now	\$2,440,600	LIFE	**	5	\$1,504,300	A
<i>Condensation Present, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Green Mildew Visible At Glazing Joints - Throughout</i>								
<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Interior Cast Iron Face Of Framing</i>								
<i>Glazing Clouded, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Gut/DS Non Func/Miss, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Corroded Gutters In Various Locations</i>								
<i>Caulking Deteriorated, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Lower Portion Of Slope</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Conservatory Roof</i>								
<i>Explanation : Framing Is Cast Iron On Interior Face And Aluminum On Exterior Face</i>								
Interior								
Floors								
Cast in Place Concrete	45%			LIFE	**	5	\$69,100	C
Ceramic Tile	5%			2031	**	5	\$3,500	C
Panel/Paver: Cer/Brk	15%			2038	**	5	\$23,700	C
Panel/Paver: Bluestone	30%			LIFE	**	5	\$15,800	C
Terrazzo	5%			LIFE	**	5	\$2,700	C
Interior Walls								
Cast in Place Concrete	5%			LIFE	**			C
Concrete Masonry Unit	25%			LIFE	**	5	\$100	C
Masonry: Brick	35%			LIFE	**			C
Masonry: Fieldstone	5%			LIFE	**			C
Metal Panel	5%			LIFE	**			C
Plaster	5%			LIFE	**	5		C
No Component	20%							D
Ceilings								
Exposed Concrete	15%			LIFE	**	5	\$1,700	B
Metal Panel	5%			LIFE	**	5	\$4,400	B
Plaster	5%			LIFE	**	5	\$2,200	B
No Component	75%							D

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DEPARTMENT OF CULTURAL AFFAIRS - 126
NEW YORK BOTANICAL GARDEN CONSERVATORY

Asset # : 1577

Electrical	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Over 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2042	**	3	\$200	B
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Rear Yard</i>							
	<i>Explanation : 4160/208v/108v</i>							
Transformers								
Dry Type	100%			2035	**	3	\$300	B
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Rear Yard</i>							
	<i>Explanation : One 750 Kva</i>							
Feeders								
Cable	100%			2038	**	1		B
Raceway								
Conduit	100%			2042	**	1		B
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2052	**	5	\$200	B
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Electrical Room</i>							
	<i>Explanation : One 1200 Amps Service</i>							
Switchgear / Switchboard								
Molded Case Bkrs	100%			2042	**	5	\$1,300	B
Raceway								
Conduit	50%			2032	**	1		B
Conduit	50%			2042	**	1		B
Panelboards								
Molded Case Bkrs	50%			2030	**	5	\$600	B
Molded Case Bkrs	50%			2038	**	5	\$600	B
Wiring								
Thermoplastic	50%			2042	**	1		B
Thermoplastic	50%			2032	**	1		B
Motor Controllers								
Locally Mounted	60%			2035	**	5	\$200	B
Motor Control Center	40%			2035	**	5	\$500	B
Ground								
Grounding Devices								
Not Accessible	100%							D
Stand-by Power								
Transfer Switches								
Automatic	100%			2035	**	1	\$14,600	B
Generators								
Diesel	100%			2031	**	1	\$18,300	B
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Outside</i>							
	<i>Explanation : One 156 Kva Caterpillar Genset</i>							
Batteries								
Lead/Acid	100%			2015		5	\$1,800	B

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DEPARTMENT OF CULTURAL AFFAIRS - 126
NEW YORK BOTANICAL GARDEN CONSERVATORY

Asset # : 1577

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Stand-by Power								
Fuel Storage Day Tank	100%			2030	**	5	\$8,800	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : 250 Gal. Tank</i>								
Lighting								
Interior Lighting								
Fluorescent	80%			2032	**	10	\$34,700	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Using T-8 Lamps</i>								
Incandescent	20%			2030	**	2	\$200	B
Egress Lighting								
Exit, Service	90%			2022		1	\$7,600	B
Exit, Battery	10%			2022		10	\$300	B
Exterior Lighting								
HID	100%			2022		10	\$200	B
Alarm								
Fire/Smoke Detection								
No Component	70%							D
Generic	30%			2030	**	1-3	\$9,000	B

Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2032	**	1		B
Conversion Equipment								
Steam Boiler	100%			2027	**	1	\$46,900	B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement Boiler Room</i>								
<i>Explanation : 2 Units</i>								
Distribution								
Steam Piping/Pump	100%			2022	\$405,100	4	\$2,300	B
<i>On Extended Life, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Terminal Devices								
Air Handler	15%			2017	\$46,900	1	\$4,400	B
Convactor/Radiator	85%			2027	**	1	\$13,000	B
Air Conditioning								
Energy Source								
Electricity	100%			2030	**	1		B

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DEPARTMENT OF CULTURAL AFFAIRS - 126
NEW YORK BOTANICAL GARDEN CONSERVATORY

Asset # : 1577

Mechanical	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Air Conditioning								
Conversion Equipment								
Ext Pkg Unit - Cooling	5%	Now	\$13,400	2032	**	2	\$100	B
	<i>Malfunctioning, Extent : Severe, Area Affected : 5%</i>							
	<i>Location : Roof</i>							
No Component	95%							D
Ventilation								
Distribution								
Ductwork/Diffusers	10%			LIFE	**	2-5	\$2,600	B
No Component	90%							D
Exhaust Fans								
Interior	10%			2030	**	2	\$100	B
	<i>Other Observation, Extent : Light, Area Affected : 10%</i>							
	<i>Location : In Basement</i>							
	<i>Explanation : 1 New Unit</i>							
Roof	5%			2017	\$2,300	2	\$100	B
No Component	85%							D
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2032	**	1		B
Water Heater								
Electric	100%			2020	\$9,000	4	\$400	B
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		B
Storm Drain Piping								
Cast Iron	100%			LIFE	**	1		B
Backflow Preventer								
Generic	100%			2027	**	1	\$2,900	B
Fixtures								
Generic	100%							B
Fire Suppression								
Sprinkler								
No Component	85%							D
Generic	15%			2022	\$101,600	1-2	\$2,000	B
Fire Pump								
Generic	100%	0-2	\$2,100	2025	**	1	\$8,000	B
	<i>Corroded, Extent : Moderate, Area Affected : 10%</i>							
	<i>Location : Boost Pump</i>							

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Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : NEW YORK BOTANICAL GARDEN HARDING LABORATORY
Address : SOUTHERN BLVD. @200TH STREET
Borough : BRONX **Agency's Number** : N/A
Program / Asset # : DCA0010.080 / 2372 **Yr Built/Renovated** : 1955 /
Area Sq Ft : 21,568 **Project Type** : CULTURAL AFFAIRS
Date of Survey : 20-Apr-2011 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1,2,PH
Block : 3272 **Lot** : 1 **BIN** :

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$848,000	\$57,500
Interior Architecture	\$75,800	
Electrical	\$62,200	\$36,000
Mechanical	\$119,800	\$198,100
Total	\$1,105,800	\$291,600
Priority A	\$848,000	\$57,500
Priority B	\$224,300	\$234,000
Priority C	\$33,500	
Total	\$1,105,800	\$291,600

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$3,700			
Interior Architecture	\$35,300	\$2,700	\$400	\$2,200
Electrical	\$13,600	\$400	\$12,700	\$400
Mechanical	\$53,100	\$4,300	\$45,600	\$3,100
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$109,700	\$11,300	\$62,800	\$9,700
Priority A	\$3,700			
Priority B	\$70,700	\$8,700	\$62,300	\$7,500
Priority C	\$35,300	\$2,700	\$400	\$2,200
Total	\$109,700	\$11,300	\$62,800	\$9,700



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DEPARTMENT OF CULTURAL AFFAIRS - 126
NEW YORK BOTANICAL GARDEN HARDING LABORATORY

Asset # : 2372

Architecture	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	60%	Now	\$47,300	LIFE	**	5	\$14,200	A
<i>Horizontal Cracks, 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>Loose Units, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Penthouse</i>								
<i>Misaligned/Bulging, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Rusting Masonry Supt, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Lintels And Spandrels</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Penthouse</i>								
Masonry: Granite	10%			LIFE	**	5	\$1,800	A
Stucco Cement	10%	Now	\$3,700	2027	**	5	\$3,000	A
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Overhang</i>								
Window Wall	20%	Now	\$51,700	2032	**	5	\$8,900	A
<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Caulking Deteriorated, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Various Labs And Offices</i>								
Windows								
Aluminum	95%	Now	\$749,000	2047	**	5	\$7,800	A
<i>Thermally Inefficient, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Unit Inoperable, Extent : Severe, Area Affected : 20%</i>								
<i>Location : First Floor Labs, Various Others</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Metal Louvers	5%			2031	**	10	\$5,100	A
Parapets								
Metal Rail	15%			2035	**	5-10		A
No Component	85%							D
Roof								
Single Ply Membrane	100%			2022	\$57,500	10	\$16,300	A
<i>Ponding, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Throughout</i>								

Interior

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DEPARTMENT OF CULTURAL AFFAIRS - 126
NEW YORK BOTANICAL GARDEN HARDING LABORATORY

Asset # : 2372

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
Floors								
Cast in Place Concrete	20%			LIFE	**	5	\$15,500	C
Ceramic Tile	15%			2031	**	5	\$5,300	C
Terrazzo	5%			LIFE	**	5	\$1,400	C
Vinyl Tile	40%			2027	**	3	\$7,100	C
Vinyl Tile	10%			2017	\$33,500	3	\$1,300	C
Vinyl Tile	10%	Now	\$33,500	2032	**	3	\$1,300	C
<i>Adhesion Failure, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Basement</i>								
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Basement</i>								
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : 9x9 Tile</i>								
Interior Walls								
Concrete Masonry Unit	35%			LIFE	**	5	\$3,400	C
Gypsum Board	15%			LIFE	**	5	\$2,200	C
Plaster	50%			LIFE	**	5	\$3,600	C
<i>Water Penetration, Extent : Severe, Area Affected : 10%</i>								
<i>Location : At Bulkheads, Various Labs And Classrooms</i>								
Ceilings								
AcousTileSusp.Lay-In	90%	Now	\$42,300	2027	**	5	\$15,900	B
<i>Misaligned/Bulging, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Labs And Hallways</i>								
Exposed Concrete	10%			LIFE	**	5	\$600	B

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
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%			2022	\$5,200	5	\$100	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : One 600 Amps Service</i>								
Switchgear / Switchboard								
Fused Disc Sw	100%			2032	**	5	\$100	B
Raceway								
Conduit	90%			2032	**	1		B
Conduit	10%			2042	**	1		B
Panelboards								
Fused Knife Sw	5%	2-4	\$1,700	2047	**	5		B
<i>Obsolete Equipment, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
Molded Case Bkrs	90%			2030	**	5	\$400	B
Molded Case Bkrs	5%			2038	**	5		B

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DEPARTMENT OF CULTURAL AFFAIRS - 126
NEW YORK BOTANICAL GARDEN HARDING LABORATORY

Asset # : 2372

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Wiring								
Braided Cloth	70%	2-4	\$10,100	2047	**	1		B
<i>Insulation Aged, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Thermoplastic	20%			2032	**	1		B
Thermoplastic	10%			2042	**	1		B
Motor Controllers								
Locally Mounted	70%			2020	\$4,300	5	\$100	B
Locally Mounted	20%	2-4	\$1,200	2042	**	5		B
<i>On Extended Life, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Motor Control Center	10%			2027	**	5		B
Ground								
Grounding Devices								
Not Accessible	100%							D
Lighting								
Interior Lighting								
Fluorescent	100%			2022	\$36,000	10	\$21,700	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Using T-8 And T-12 Lamps</i>								
Egress Lighting								
Exit, Service	50%			2022	\$2,000	1		B
Exit, Battery	50%			2022	\$9,700	10	\$800	B
Exterior Lighting								
HID	100%			2022	\$3,500	10	\$100	B
Alarm								
Security System								
No Component	80%							D
Generic	20%			2017	\$12,100	1	\$1,300	B
Fire/Smoke Detection								
No Component	70%							D
Generic	30%			2017	\$62,200	1-3	\$3,300	B

Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Electricity	100%			2032	**	1		B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Temporary Electric Heat, Building Is Mostly Abandoned</i>								

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DEPARTMENT OF CULTURAL AFFAIRS - 126
NEW YORK BOTANICAL GARDEN HARDING LABORATORY

Asset # : 2372

Mechanical	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Conversion Equipment								
Radiant Heater	100%			2022	\$118,000	2	\$11,000	B
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : 25 Units</i>							
<hr/>								
Distribution								
Steam Piping/Pump	100%	Now	\$22,900	2032	**	4	\$1,200	B
	<i>Leak Evident, Extent : Severe, Area Affected : 30%</i>							
	<i>Location : Throughout Piping, Low Pressure Steam From Museum Boilers</i>							
	<i>Not in Service, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Various Areas</i>							
<hr/>								
Terminal Devices								
Air Handler	25%	Now	\$36,100	2032	**	1	\$3,300	B
	<i>Obsolete Equipment, Extent : Severe, Area Affected : 25%</i>							
	<i>Location : 1 Unit Remains In Basement</i>							
Convector/Radiator	75%			2027	**	1	\$5,700	B
	<i>Not in Service, Extent : Severe, Area Affected : 75%</i>							
	<i>Location : Various Areas, Due To Steam Pipe Issue</i>							
<hr/>								
Air Conditioning								
Energy Source								
Electricity	100%			2030	**	1		B
<hr/>								
Conversion Equipment								
Window/Wall Unit	50%			2017	\$27,600	1		B
No Component	50%							D
<hr/>								
Ventilation								
Distribution								
Ductwork/Diffusers	100%	0-2	\$46,300	LIFE	**	2-5	\$13,200	B
	<i>Needs Cleaning, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Throughout, This Equipment Has Not Been Used For Many Years</i>							
<hr/>								
Exhaust Fans								
Interior	100%	Now	\$29,600	2032	**	2	\$600	B
	<i>Obsolete Equipment, Extent : Severe, Area Affected : 100%</i>							
	<i>Location : Penthouse</i>							
<hr/>								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2022	\$80,100	1		B
<hr/>								
Water Heater								
Electric	100%			2017	\$4,200	4	\$100	B
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : 1st Floor Rest Rooms</i>							
	<i>Explanation : 1 Obsolete Unit In Basement, 2 Units In Rest Rooms</i>							
<hr/>								
HW Heat Exchanger								
High Temp	100%			2032	**	4	\$3,500	B
	<i>Not in Service, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Basement</i>							
<hr/>								
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		B

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**DEPARTMENT OF CULTURAL AFFAIRS - 126
NEW YORK BOTANICAL GARDEN HARDING LABORATORY**

Asset # : 2372

Mechanical	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Plumbing								
Storm Drain Piping								
Cast Iron	100%	Now	\$37,400	LIFE	**	1		B
	<i>Broken, Extent : Severe, Area Affected : 70%</i>							
	<i>Location : Various Areas</i>							
Sump Pump(s)								
Rigid Piping	100%			2017	\$10,300	4	\$1,300	B
Fixtures								
Generic	100%							B
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	**			C
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : B, 1, 2</i>							
	<i>Explanation : 1 Unit</i>							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : NEW YORK BOTANICAL GARDEN INTERNATIONAL PLANTS SCIENCE CTR
 Address : SOUTHERN BLVD. @200TH STREET
 Borough : BRONX Agency's Number : N/A
 Program / Asset # : DCA0010.230 / 13390 Yr Built/Renovated : 1998 /
 Area Sq Ft : 70,000 Project Type : CULTURAL AFFAIRS
 Date of Survey : 13-Apr-2011 Landmark Status : NONE
 Areas Surveyed : Basement, Roof, Floors 1,2,3,4,5,6
 Block : 3272 Lot : 1 BIN :

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$254,400	\$171,600
Interior Architecture		\$99,300
Electrical		\$47,300
Mechanical		\$219,000
Total	\$254,400	\$537,200
Priority A	\$254,400	\$171,600
Priority B		\$266,300
Priority C		\$99,300
Total	\$254,400	\$537,200

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$48,100		\$7,300	
Interior Architecture	\$3,200	\$1,600		\$1,600
Electrical	\$6,900	\$6,600	\$5,800	\$11,300
Mechanical	\$29,400	\$17,300	\$40,100	\$23,700
Elevators/Escalators	\$5,900	\$5,900	\$5,900	\$5,900
Total	\$93,500	\$31,500	\$59,100	\$42,600
Priority A	\$48,100		\$7,300	
Priority B	\$43,800	\$29,900	\$51,800	\$41,000
Priority C	\$1,600	\$1,600		\$1,600
Total	\$93,500	\$31,500	\$59,100	\$42,600



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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DEPARTMENT OF CULTURAL AFFAIRS - 126
NEW YORK BOTANICAL GARDEN INTERNATIONAL PLANTS SCIENCE CTR
Asset # : 13390

Architecture	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Copper/Terne Metal Panel	5%			2057	**	10	\$7,300	A
	5%	Now	\$24,500	2052	**	5	\$5,800	A
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Penthouse</i>								
<i>Deformed/Dented, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Penthouse</i>								
<i>Misaligned/Bulging, Extent : Severe, Area Affected : 60%</i>								
<i>Location : Penthouse And Rooftop Mechanical Area</i>								
<i>Caulking Deteriorated, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Penthouse And Roof Mechanical Area</i>								
Pre-Cast Concrete	85%	Now	\$188,700	LIFE	**	5	\$171,600	A
<i>Water Penetration, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : 2nd And 3rd Floors Over Main Entrance</i>								
Window Wall	5%	Now	\$8,500	2042	**	5	\$5,800	A
<i>Caulking Deteriorated, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : South Facade</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : South Facade</i>								
Windows								
Aluminum	95%	Now	\$700	2038	**	5	\$100	A
<i>Condensation Present, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Study Carrels On North Side</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Study Carrels On North Side</i>								
Metal Louvers	5%			2031	**	10		A
Parapets								
Copper/Terne	10%	0-2	\$1,600	2057	**	5	\$900	A
<i>Open Joints, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Metal Panel	20%	Now	\$65,700	2052	**	5	\$1,500	A
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Interior Face</i>								
<i>Deformed/Dented, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Interior Face</i>								
<i>Misaligned/Bulging, Extent : Severe, Area Affected : 60%</i>								
<i>Location : Interior Face</i>								
<i>Caulking Deteriorated, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Metal Rail	20%			2035	**	5-10	\$13,700	A
Pre-Cast Concrete	50%			LIFE	**	5	\$11,900	A
Roof								
IRMA/Protected Membrane	100%	Now	\$4,400	2027	**			A
<i>Water Penetration, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : 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.

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DEPARTMENT OF CULTURAL AFFAIRS - 126
NEW YORK BOTANICAL GARDEN INTERNATIONAL PLANTS SCIENCE CTR
Asset # : 13390

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code	
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%			LIFE	**	5	\$99,300	C	
Ceramic Tile	5%			2031	**	5	\$3,200	C	
Terrazzo	5%			LIFE	**	5	\$2,500	C	
Vinyl Tile	20%			2027	**	3	\$6,500	C	
Interior Walls									
Cast in Place Concrete	5%			LIFE	**			C	
Concrete Masonry Unit	15%			LIFE	**	5	\$1,400	C	
Gypsum Board	75%			LIFE	**	5	\$10,500	C	
Wood	5%			LIFE	**	5	\$4,700	C	
Ceilings									
AcousTileSusp.Lay-In	5%			2035	**	5	\$3,200	B	
Exposed Concrete	80%			LIFE	**	5	\$8,100	B	
Exposed Struc: Steel	10%			LIFE	**			B	
Gypsum Board	5%			LIFE	**	5	\$4,100	B	
Electrical									
System Component Type		% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts									
Service Equipment									
Fused Disc Sw	100%			2042	**	5	\$300	B	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>									
<i>Location : Electrical Room</i>									
<i>Explanation : One 4000 Amps Service</i>									
Switchgear / Switchboard									
Fused Disc Sw	10%			2042	**	5		B	
Molded Case Bkrs	90%			2042	**	5	\$1,400	B	
Raceway									
Conduit	100%			2042	**	1		B	
Panelboards									
Molded Case Bkrs	100%			2038	**	5	\$1,500	B	
Wiring									
Thermoplastic	100%			2042	**	1		B	
Motor Controllers									
Locally Mounted	10%			2035	**	5		B	
Motor Control Center	90%			2035	**	5	\$1,400	B	
Ground									
Grounding Devices									
Generic	100%	2-4	\$900	LIFE	**	5	\$800	B	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>									
<i>Location : Basement</i>									
<i>Explanation : Corroded</i>									
Stand-by Power									
Transfer Switches									
Automatic	100%			2035	**	1	\$17,700	B	

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Estimates are rounded to the nearest hundred dollars.

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DEPARTMENT OF CULTURAL AFFAIRS - 126
NEW YORK BOTANICAL GARDEN INTERNATIONAL PLANTS SCIENCE CTR
Asset # : 13390

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Stand-by Power								
Generators								
Diesel	100%			2031	**	1	\$22,200	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Penthouse</i>								
<i>Explanation : One 288 Kva Caterpillar Genset</i>								
Batteries								
Lead/Acid	100%			2016	\$600	5	\$2,100	B
Fuel Storage								
Day Tank	100%			2038	**	5	\$10,600	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : Using 250 Gallon Tank</i>								
Lighting								
Interior Lighting								
Fluorescent	90%			2030	**	10	\$47,300	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : T-5 And T-8 Lamps</i>								
Incandescent	10%			2027	**	2	\$100	B
Egress Lighting								
Exit, LED	100%			2057	**	1		B
Exterior Lighting								
Not Accessible	100%							D
Alarm								
Fire/Smoke Detection								
No Component	70%							D
Generic	30%			2027	**	1-3	\$10,900	B

Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Campus Steam	100%			2042	**	1		B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Steam From Adjacent Library Building</i>								
Conversion Equipment								
HTHW/HW Exchanger	100%			2031	**	2	\$3,500	B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : 1st Floor Mech Room</i>								
<i>Explanation : 2 Units</i>								
Distribution								
Hot Wtr Piping/Pump	90%			2038	**	4	\$2,500	B
Steam Piping/Pump	10%			2032	**	4	\$400	B

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DEPARTMENT OF CULTURAL AFFAIRS - 126
NEW YORK BOTANICAL GARDEN INTERNATIONAL PLANTS SCIENCE CTR
Asset # : 13390

Mechanical	Current Repair		Future Replacement		Maintenance		Priority Code	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)		Estimated Cost
Heating								
Terminal Devices								
Air Handler	90%			2027	**	1	\$31,900	B
Convactor/Radiator	5%			2035	**	1	\$900	B
Unit Heater-Stm/HW	5%			2027	**	4	\$400	B
Air Conditioning								
Energy Source								
Electricity	100%			2038	**	1		B
Conversion Equipment								
Centrifugal, Elec Chiller	95%			2031	**	1	\$58,900	B
			<i>Other Observation, Extent : Light, Area Affected : 95%</i>					
			<i>Location : 1st Floor Mech Room</i>					
			<i>Explanation : 2 Units</i>					
Int Pkg Unit - Cooling	5%			2023	\$41,800	2	\$200	B
			<i>Other Observation, Extent : Light, Area Affected : 5%</i>					
			<i>Location : 5th Floor A C Room</i>					
			<i>Explanation : 1 Unit</i>					
Distribution								
Chilled Wtr Pipe/Pump	95%			2042	**	4	\$2,700	B
No Component	5%							D
Terminal Devices								
Air Handler/Cool/Ht	95%			2027	**	1	\$33,700	B
No Component	5%							D
Heat Rejection								
Water Cool Tower	95%			2023	\$177,100	2	\$54,800	B
No Component	5%							D
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$31,900	B
Exhaust Fans								
Interior	100%			2027	**	2	\$1,800	B
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2042	**	1		B
HW Heat Exchanger								
Low Temp	100%			2042	**	4	\$5,700	B
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		B
Backflow Preventer								
Generic	100%			2027	**	1	\$3,500	B
Fixtures								
Generic	100%							B
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	**			C
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : 1-6</i>					
			<i>Explanation : 1 Unit - Currently Under Repair</i>					

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DEPARTMENT OF CULTURAL AFFAIRS - 126
NEW YORK BOTANICAL GARDEN INTERNATIONAL PLANTS SCIENCE CTR
Asset # : 13390

Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Fire Suppression Standpipe								
Generic	100%			2042	* *	1-5	\$30,000	B
Sprinkler								
Generic	100%			2042	* *	1-2	\$16,100	B
Fire Pump								
Generic	100%			2031	* *	1	\$10,700	B

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : NEW YORK BOTANICAL GARDEN LEON LEVY VISITOR CENTER
Address : SOUTHERN BLVD. @200TH STREET
Borough : BRONX **Agency's Number** : N/A
Program / Asset # : DCA0010.240 / 13921 **Yr Built/Renovated** : 2003 /
Area Sq Ft : 23,700 **Project Type** : CULTURAL AFFAIRS
Date of Survey : 15-Apr-2011 **Landmark Status** : NONE
Areas Surveyed : Roof, Floors 1
Block : 3272 **Lot** : 1 **BIN** :

CAPITAL**Total**

Priority

Total

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$1,700		\$3,900	\$2,600
Interior Architecture	\$1,100			\$1,100
Electrical	\$100		\$100	\$200
Mechanical	\$400	\$900	\$1,300	\$900
Total	\$3,300	\$900	\$5,300	\$4,800
Priority A	\$1,700		\$3,900	\$2,600
Priority B	\$400	\$900	\$1,300	\$1,100
Priority C	\$1,100			\$1,100
Total	\$3,300	\$900	\$5,300	\$4,800



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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF CULTURAL AFFAIRS - 126
NEW YORK BOTANICAL GARDEN LEON LEVY VISITOR CENTER
Asset # : 13921

Architecture	Current Repair		Future Replacement		Maintenance		Priority Code	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)		Estimated Cost
Exterior								
Exterior Walls								
Masonry: Fieldstone	25%			LIFE	**	5	\$2,600	A
Metal Panel	10%			2042	**	5-10	\$9,600	A
Pre-Cast Concrete	5%			LIFE	**	5	\$2,300	A
Stucco Cement	10%			2035	**	5	\$3,500	A
Window Wall	10%			2048	**	5	\$5,200	A
Wood	5%			2039	**	5	\$3,500	A
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Southern Side Of Building</i>							
	<i>Explanation : Wood Overhang On Southern Facade</i>							
No Component	35%							D
	<i>Other Observation, Extent : Light, Area Affected : 0%</i>							
	<i>Location : Main Entrance Canopy</i>							
	<i>Explanation : No Walls In Covered Outdoor Portion Of Visitors Center</i>							
Roof								
Metal Panel	80%			2039	**	10	\$19,500	A
Single Ply Membrane	10%			2027	**	10	\$1,300	A
Skylight, Plastic	10%			2035	**	1		A
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Main Covered Entrance</i>							
	<i>Explanation : Canopy Skylights</i>							
Interior								
Floors								
Carpet	2%			2021	\$1,900	3	\$600	C
Cast in Place Concrete	5%			LIFE	**	5	\$1,800	C
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Inside Berm</i>							
	<i>Explanation : Mechanical Spaces</i>							
Panel/Paver: Bluestone	45%			LIFE	**	5	\$5,400	C
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Main Outdoor Entrance Canopy</i>							
	<i>Explanation : Plaza Floor</i>							
Vinyl Tile	48%			2027	**	3	\$3,900	C
Interior Walls								
Cast in Place Concrete	5%			LIFE	**			C
Gypsum Board	50%			LIFE	**	5	\$2,900	C
No Component	45%							D
	<i>Other Observation, Extent : Light, Area Affected : 0%</i>							
	<i>Location : Main Outdoor Canopy</i>							
	<i>Explanation : This Is Outdoor Portion Of Building</i>							

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Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF CULTURAL AFFAIRS - 126
NEW YORK BOTANICAL GARDEN LEON LEVY VISITOR CENTER
Asset # : 13921

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
Ceilings								
AcousTileSusp.Lay-In	10%			2039	**	5	\$1,600	B
Exposed Concrete	10%			LIFE	**	5	\$300	B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Main Outdoor Entrance</i>								
<i>Explanation : Stucco Ceiling</i>								
Exposed Struc: Wood	75%			LIFE	**			B
<i>Other Observation, Extent : Light, Area Affected : 45%</i>								
<i>Location : Main Entrance</i>								
<i>Explanation : Includes Covered Outdoor Area</i>								
No Component	5%							D
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location : Covered Outdoor Portion</i>								
<i>Explanation : Skylight - Counted As Roof Area</i>								

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Over 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2048	**	3	\$100	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : 2500 Amps</i>								
Transformers								
Dry Type	100%			2039	**	3	\$100	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Outside</i>								
<i>Explanation : 4160/480/240 Rated At 575 Kva</i>								
Feeders								
Busway	100%			2039	**	1		B
Raceway								
Conduit	100%			2048	**	1		B
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2048	**	5	\$100	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : 1500 Amps</i>								
Transformers								
Dry Type	100%			2039	**	5	\$100	B
Switchgear / Switchboard								
Fused Disc Sw	100%			2048	**	5	\$100	B
Raceway								
Conduit	100%			2048	**	1		B

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Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF CULTURAL AFFAIRS - 126
NEW YORK BOTANICAL GARDEN LEON LEVY VISITOR CENTER
Asset # : 13921

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Panelboards								
Molded Case Bkrs	100%			2044	**	5	\$500	B
Wiring								
Thermoplastic	100%			2048	**	1		B
Motor Controlllers								
Locally Mounted	20%			2039	**	5		B
Motor Control Center	80%			2039	**	5	\$400	B
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$300	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : Water Main</i>								
Lighting								
Interior Lighting								
Fluorescent	70%			2030	**	10	\$6,900	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : T-8 Lamps</i>								
Incandescent	30%			2030	**	2	\$100	B
Egress Lighting								
Emergency, Service	50%			2030	**	1		B
Exit, Service	50%			2030	**	1		B
Exterior Lighting								
HID	100%			2027	**	10	\$100	B
Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Electricity	40%			2048	**	1		B
Natural Gas	60%			2048	**	1		B
Conversion Equipment								
Furnace	60%			2030	**	1	\$3,200	B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Boiler Room</i>								
<i>Explanation : Gas Fired Hot Water Boiler Is Used For Ice Melting System Not Heating</i>								
Radiant Heater	40%			2030	**	2	\$2,000	B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Various Areas</i>								
<i>Explanation : Electric Heaters In Ducts Used To Supplement Gas Furnace</i>								
Air Conditioning								
Energy Source								
Electricity	100%			2044	**	1		B

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF CULTURAL AFFAIRS - 126
NEW YORK BOTANICAL GARDEN LEON LEVY VISITOR CENTER
Asset # : 13921

Mechanical	Current Repair		Future Replacement		Maintenance		Priority Code	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)		Estimated Cost
Air Conditioning								
Conversion Equipment								
Ext Pkg Unit - Cooling	40%			2030	* *	2	\$300	B
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Outside</i>							
	<i>Explanation : 1 Unit</i>							
No Component	60%							D
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$6,000	B
Exhaust Fans								
Roof	100%			2030	* *	2	\$300	B
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2048	* *	1		B
Water Heater								
Electric	100%			2021	\$1,900	4	\$100	B
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		B
Backflow Preventer								
Generic	100%			2030	* *	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.

Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : NEW YORK BOTANICAL GARDEN MUSEUM, OFFICES & LIBRARY
Address : SOUTHERN BLVD. @200TH STREET
Borough : BRONX **Agency's Number** : N/A
Program / Asset # : DCA0010.040 / 2369 **Yr Built/Renovated** : 1900 / 2007
Area Sq Ft : 93,700 **Project Type** : CULTURAL AFFAIRS
Date of Survey : 13-Apr-2011 **Landmark Status** : EXTERIOR LANDMARK
Areas Surveyed : Basement, Roof, Floors 1,2,3,4,5,6
Block : 3272 **Lot** : 1 **BIN** :

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Exterior Architecture		\$179,000
Interior Architecture	\$117,200	\$213,800
Electrical		\$72,000
Mechanical	\$182,800	\$203,600
Total	\$300,000	\$668,300
Priority A		\$179,000
Priority B	\$246,800	\$275,600
Priority C	\$53,200	\$213,800
Total	\$300,000	\$668,300

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$5,500		\$22,100	\$21,500
Interior Architecture	\$62,000	\$2,200		\$4,300
Electrical	\$2,900	\$1,800	\$2,700	\$1,900
Mechanical	\$9,400	\$13,100	\$34,200	\$10,100
Elevators/Escalators	\$5,900	\$5,900	\$5,900	\$5,900
Total	\$85,700	\$23,000	\$65,100	\$43,700
Priority A	\$5,500		\$22,100	\$21,500
Priority B	\$47,300	\$20,800	\$42,900	\$17,900
Priority C	\$32,800	\$2,200		\$4,300
Total	\$85,700	\$23,000	\$65,100	\$43,700



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF CULTURAL AFFAIRS - 126
NEW YORK BOTANICAL GARDEN MUSEUM, OFFICES & LIBRARY

Asset # : 2369

Architecture	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	10%			LIFE	**	5	\$85,700	A
Copper/Terne	5%			2057	**	10	\$12,900	A
Masonry: Brick	85%			LIFE	**	5	\$93,300	A
Windows								
Aluminum	100%			2038	**	5	\$43,000	A
Parapets								
Copper/Terne	70%			2057	**	5		A
Masonry: Brick	30%			LIFE	**	5		A
<i>Cracking/Crumbling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Exterior Face In Various Areas</i>								
Roof								
Copper/Terne	25%			2050	**	10	\$23,200	A
Copper/Terne	10%			2037	**	10	\$9,300	A
IRMA/Protected Membrane	55%	Now	\$4,100	2027	**			A
<i>Insul Miss/Displaced, Extent : Light, Area Affected : 2%</i>								
<i>Location : Various</i>								
Modified Bitumen	5%	Now	\$1,400	2027	**			A
<i>Blisters, Extent : Light, Area Affected : 10%</i>								
<i>Location : South Side Roof</i>								
<i>Drains Clogged, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Near Roof Hatch</i>								
Skylight, Metal/Glass	5%			2042	**	10	\$6,200	A
Interior								
Floors								
Carpet	5%			2021	\$27,500	3	\$8,600	C
Cast in Place Concrete	15%			LIFE	**	5	\$28,400	C
Ceramic Tile	5%			2031	**	5	\$4,300	C
Glass Block	1%			2050	**	1		C
Terrazzo	54%			LIFE	**	5	\$36,500	C
<i>Horizontal Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Various</i>								
<i>Worn/Eroded, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Sixth Floor</i>								
Vinyl Tile	20%	Now	\$53,200	2022	\$177,300	3	\$6,500	C
<i>Adhesion Failure, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : First Floor</i>								
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 10%</i>								
<i>Location : First Floor</i>								
<i>Worn/Eroded, Extent : Severe, Area Affected : 20%</i>								
<i>Location : First Floor, Various Other Areas</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF CULTURAL AFFAIRS - 126
NEW YORK BOTANICAL GARDEN MUSEUM, OFFICES & LIBRARY

Asset # : 2369

Architecture		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Interior								
Interior Walls								
Concrete Masonry Unit	15%			LIFE	**	5	\$2,300	C
Gypsum Board	20%			LIFE	**	5	\$4,700	C
Gypsum Board	20%			LIFE	**	5	\$4,700	C
Masonry: Brick	3%			LIFE	**			C
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Dome</i>								
<i>Explanation : Inside Dome</i>								
Metal Panel	2%			LIFE	**			C
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : North Side</i>								
<i>Explanation : Annex Area</i>								
Plaster	40%	Now	\$30,700	LIFE	**	5	\$4,700	C
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Various Throughout</i>								
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Various Throughout</i>								
Ceilings								
AcousTileSusp.Lay-In	10%			2035	**	5	\$8,600	B
AcousTileSusp.Lay-In	20%	0-2	\$24,900	2027	**	5	\$8,600	B
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : 1970's Wing</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : 1970's Wing</i>								
Exposed Struc: Steel	5%			LIFE	**			B
Gypsum Board	10%			LIFE	**	5	\$10,800	B
Plaster	15%			LIFE	**	5	\$8,100	B
Plaster	40%	Now	\$64,000	LIFE	**	5	\$21,600	B
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 5%</i>								
<i>Location : Basement</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 Code
Over 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2032	**	3	\$300	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : 4160-208/120v Service</i>								
Transformers								
Dry Type	100%			2035	**	3	\$400	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : One 750 Kva</i>								

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Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF CULTURAL AFFAIRS - 126
NEW YORK BOTANICAL GARDEN MUSEUM, OFFICES & LIBRARY

Asset # : 2369

Electrical	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Over 600 Volts								
Feeders								
Cable	100%			2038	**	1		B
Raceway								
Conduit	100%			2042	**	1		B
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2032	**	5	\$200	B
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Electrical Room</i>							
	<i>Explanation : One 2000 Amps Service</i>							
Fused Disc Sw	50%			2042	**	5	\$200	B
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Electrical Room</i>							
	<i>Explanation : One 2500 Amps Service</i>							
Transformers								
Dry Type	100%			2035	**	5	\$300	B
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Electrical Room</i>							
	<i>Explanation : One 500 Kva And One 225 Kva</i>							
Switchgear / Switchboard								
Fused Disc Sw	40%			2032	**	5	\$100	B
Molded Case Bkrs	60%			2042	**	5	\$1,200	B
Raceway								
Conduit	50%			2032	**	1		B
Conduit	50%			2042	**	1		B
Panelboards								
Molded Case Bkrs	50%			2021	\$15,200	5	\$1,000	B
Molded Case Bkrs	20%			2038	**	5	\$400	B
Molded Case Bkrs	30%			2030	**	5	\$600	B
Wiring								
Thermoplastic	60%			2042	**	1		B
Thermoplastic	40%			2022	\$19,000	1		B
Motor Controllers								
Locally Mounted	50%			2027	**	5	\$300	B
Motor Control Center	50%			2035	**	5	\$1,000	B
Ground								
Grounding Devices								
Not Accessible	100%							D
Lighting								
Interior Lighting								
Fluorescent	100%			2030	**	10	\$53,000	B
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : T-8 Lamps</i>							
Egress Lighting								
Exit, LED	100%			2057	**	1		B

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DEPARTMENT OF CULTURAL AFFAIRS - 126
NEW YORK BOTANICAL GARDEN MUSEUM, OFFICES & LIBRARY

Asset # : 2369

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Lighting								
Exterior Lighting								
HID	100%			2027	**	10	\$200	B
Lightning Protection								
Arresters/Cabling								
Generic	100%			2050	**	5	\$400	B
Alarm								
Fire/Smoke Detection								
No Component	70%							D
Generic	30%			2027	**	1-3	\$14,600	B
Mechanical								
Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Electricity	10%			2032	**	1		B
Interruptible Gas/Dual Fuel	90%			2032	**	1		B
Conversion Equipment								
Radiant Heater	20%			2022	\$62,400	2	\$5,400	B
<i>Other Observation, Extent : Light, Area Affected : 20%</i>								
<i>Location : Partial West & East Wings</i>								
<i>Explanation : About 70 Units</i>								
Steam Boiler	80%			2035	**	1	\$45,800	B
<i>Other Observation, Extent : Light, Area Affected : 80%</i>								
<i>Location : Sub Basement Boiler Room</i>								
<i>Explanation : 3 Units. One Of Them Is Used As Summer Boiler</i>								
Distribution								
Steam Piping/Pump	100%	Now	\$80,800	2032	**	4	\$2,900	B
<i>Corroded, Extent : Severe, Area Affected : 60%</i>								
<i>Location : Basement, 1st Floor, 2nd Floor</i>								
<i>Leak Evident, Extent : Severe, Area Affected : 30%</i>								
<i>Location : Basement</i>								
<i>Not in Service, Extent : Severe, Area Affected : 40%</i>								
<i>Location : Steam Supply Being Shut Off In West Wing & Partial East Wing</i>								
Terminal Devices								
Air Handler	65%			2027	**	1	\$23,300	B
Convactor/Radiator	35%			2027	**	1	\$6,600	B
<i>Not in Service, Extent : Severe, Area Affected : 25%</i>								
<i>Location : West & East Wings, Due To Steam Shut Off</i>								
Air Conditioning								
Energy Source								
Electricity	100%			2030	**	1		B

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Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF CULTURAL AFFAIRS - 126
NEW YORK BOTANICAL GARDEN MUSEUM, OFFICES & LIBRARY

Asset # : 2369

Mechanical	Current Repair		Future Replacement		Maintenance		Priority Code	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)		Estimated Cost
Air Conditioning								
Conversion Equipment								
Int Pkg Unit - Heating/Cooling	10%			2023	\$141,200	2	\$400	B
Window/Wall Unit	70%			2017	\$102,000	1		B
No Component	20%							D
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$32,200	B
Exhaust Fans								
Interior	80%			2027	* *	2	\$1,400	B
No Component	20%							D
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2032	* *	1		B
Water Heater								
Electric	100%			2020	\$11,000	4	\$500	B
HW Heat Exchanger								
Low Temp	100%			2032	* *	4	\$8,600	B
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		B
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		B
Sump Pump(s)								
Rigid Piping	100%			2017	\$11,100	4	\$1,300	B
Backflow Preventer								
Generic	100%			2027	* *	1	\$3,600	B
Fixtures								
Generic	100%							B
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			C
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : 1-6</i>								
<i>Explanation : 1 Unit</i>								
Fire Suppression								
Standpipe								
Generic	100%			2032	* *	1-5	\$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.

Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : NEW YORK BOTANICAL GARDEN OLD LORILLARD SNUFF MILL
Address : SOUTHERN BLVD. @200TH STREET
Borough : BRONX **Agency's Number** : N/A
Program / Asset # : DCA0010.010 / 2346 **Yr Built/Renovated** : 1840 / 2010
Area Sq Ft : 12,840 **Project Type** : CULTURAL AFFAIRS
Date of Survey : 20-Apr-2011 **Landmark Status** : EXTERIOR LANDMARK
Areas Surveyed : Basement, Roof, Floors 1,2
Block : 3272 **Lot** : 1 **BIN** :

CAPITAL

Total

Priority

Total

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture			\$28,300	
Interior Architecture	\$7,500		\$8,800	\$1,600
Electrical	\$300	\$300	\$500	\$300
Mechanical	\$2,800	\$4,300	\$3,400	\$4,300
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$14,500	\$8,500	\$44,900	\$10,100
Priority A			\$28,300	
Priority B	\$7,000	\$8,500	\$10,500	\$8,500
Priority C	\$7,500		\$6,100	\$1,600
Total	\$14,500	\$8,500	\$44,900	\$10,100



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
 Estimates are rounded to the nearest hundred dollars.
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
 ** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF CULTURAL AFFAIRS - 126
NEW YORK BOTANICAL GARDEN OLD LORILLARD SNUFF MILL

Asset # : 2346

Architecture	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	10%			LIFE	**	5	\$1,900	A
	<i>Recent Repair Evident, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
Masonry: Fieldstone	75%			LIFE	**	5	\$10,600	A
	<i>Recent Repair Evident, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
Window Wall	10%			2052	**	5	\$7,100	A
	<i>Recent Repair Evident, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
Wood	5%			2042	**	5	\$4,700	A
	<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Fascia Throughout</i>							
Windows								
Wood	100%			2047	**	5	\$36,700	A
	<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
Roof								
Wood Shingles	100%			2037	**	10	\$4,000	A
	<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
Interior								
Floors								
Carpet	20%			2024	\$20,000	3	\$6,300	C
	<i>Recent Installation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Second Floor</i>							
Cast in Place Concrete	5%			LIFE	**	5	\$1,700	C
Ceramic Tile	5%			2037	**	5	\$800	C
	<i>Recent Installation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Bathrooms</i>							
Quarry Tile	15%			2042	**	5	\$3,500	C
	<i>Recent Installation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Food Service Areas</i>							
Traffic Topping	15%			2032	**	5	\$2,900	C
	<i>Recent Installation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Cellar Floor</i>							
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Cellar Level</i>							
	<i>Explanation : Liquid Applied Resin Coating With Hardwood Border</i>							
Wood	40%			2050	**	5	\$11,800	C
	<i>Recent Repair Evident, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Throughout - Including Attic</i>							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF CULTURAL AFFAIRS - 126
NEW YORK BOTANICAL GARDEN OLD LORILLARD SNUFF MILL
Asset # : 2346

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
Interior Walls								
Ceramic Tile	15%			2037	**	5	\$4,900	C
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Food Service Areas And Bathrooms</i>								
Concrete Masonry Unit	5%			LIFE	**	5	\$600	C
Gypsum Board	30%			LIFE	**	5	\$5,800	C
<i>Recent Installation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Masonry: Brick	5%			LIFE	**			C
<i>Recent Repair Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Various</i>								
Masonry: Fieldstone	45%			LIFE	**			C
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Recent Repair And Restoration Evident</i>								
Ceilings								
AcousTileSusp.Lay-In	30%			2042	**	5	\$5,400	B
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Exposed Struc: Steel	5%			LIFE	**			B
Exposed Struc: Wood	50%			LIFE	**			B
<i>Recent Repair Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Gypsum Board	15%			LIFE	**	5	\$3,400	B
<i>Recent Installation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Attic</i>								

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Raceway								
Conduit	100%			2052	**	1		B
Panelboards								
Molded Case Bkrs	100%			2047	**	5	\$300	B
Wiring								
Thermoplastic	100%			2052	**	1		B
Motor Controllers								
Locally Mounted	100%			2042	**	5	\$100	B
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$200	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Boiler Room</i>								
<i>Explanation : Water Pipe</i>								

Lighting

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF CULTURAL AFFAIRS - 126
NEW YORK BOTANICAL GARDEN OLD LORILLARD SNUFF MILL
Asset # : 2346

Electrical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Lighting								
Interior Lighting Fluorescent	100%			2032	**	10	\$9,600	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : T-5 Lamps</i>								
Egress Lighting Exit, LED	100%			2062	**	1		B
Exterior Lighting HID	100%			2032	**	10		B
Alarm								
Security System No Component Generic	80%			2032	**	1	\$800	D B
Fire/Smoke Detection No Component Generic	70%			2032	**	1-3	\$1,900	D B
Mechanical								
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating								
Energy Source Natural Gas	100%			2052	**	1		B
Conversion Equipment Hot Water Boiler	100%			2042	**	1	\$5,200	B
<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%			2047	**	4	\$800	B
Terminal Devices Air Handler Convactor/Radiator	95%			2032	**	1	\$6,200	B B
Air Conditioning								
Energy Source Electricity	100%			2047	**	1		B
Conversion Equipment Reciprocating Compr/Chiller	100%			2032	**	1	\$4,900	B
<i>R-134a Refrigerant, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Terminal Devices Air Handler/Cool/Ht	100%			2032	**	1	\$6,500	B
Heat Rejection Remote Air Cond	100%			2032	**	2	\$7,300	B
Ventilation								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF CULTURAL AFFAIRS - 126
NEW YORK BOTANICAL GARDEN OLD LORILLARD SNUFF MILL
Asset # : 2346

Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$5,900	B
Exhaust Fans								
Interior	100%			2032	* *	2	\$300	B
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2052	* *	1		B
HW Heat Exchanger								
HTHW/HW	100%			2052	* *			B
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Boiler Room</i>						
		<i>Explanation : 1 Unit</i>						
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		B
Backflow Preventer								
Generic	100%			2032	* *	1	\$700	B
Fixtures								
Generic	100%							B
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			C
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : B, 1-2</i>						
		<i>Explanation : One Unit</i>						
Fire Suppression								
Sprinkler								
Generic	100%			2052	* *	1-2	\$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.

Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : NEW YORK BOTANICAL GARDEN OPERATIONS BUILDING
Address : SOUTHERN BLVD. @200TH STREET
Borough : BRONX **Agency's Number** : N/A
Program / Asset # : DCA0010.020 / 2227 **Yr Built/Renovated** : 1869 / 1970
Area Sq Ft : 9,500 **Project Type** : CULTURAL AFFAIRS
Date of Survey : 15-Apr-2011 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1,2
Block : 3272 **Lot** : 1 **BIN** :

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$122,200	
Mechanical		\$44,700
Total	\$122,200	\$44,700
Priority A	\$122,200	
Priority B		\$44,700
Total	\$122,200	\$44,700

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$66,400		\$1,900	
Interior Architecture	\$19,900		\$18,600	
Electrical	\$27,300		\$3,800	\$100
Mechanical	\$10,400	\$600	\$1,200	\$600
Total	\$124,000	\$600	\$25,400	\$700
Priority A	\$66,400		\$1,900	
Priority B	\$38,200	\$600	\$5,000	\$700
Priority C	\$19,400		\$18,600	
Total	\$124,000	\$600	\$25,400	\$700



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF CULTURAL AFFAIRS - 126
NEW YORK BOTANICAL GARDEN OPERATIONS BUILDING

Asset # : 2227

Architecture	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	15%	Now	\$7,500	LIFE	**	5	\$1,100	A
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Around Windows</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Around Windows</i>								
<i>Worn/Eroded, Extent : Severe, Area Affected : 40%</i>								
<i>Location : Around Window And Door Openings</i>								
Masonry: Fieldstone	55%	Now	\$122,200	LIFE	**	5	\$3,100	A
<i>Open Joints, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
<i>Vegetation Growth, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Northwest Corner</i>								
<i>Vertical Cracks, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Various - Especially At Northwest Corner</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Stucco Cement	20%			2027	**	5	\$3,700	A
Wood	5%	Now	\$23,500	2042	**	5	\$900	A
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Fascia</i>								
<i>Deteriorated Finish, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Fascia</i>								
<i>Dry Rot/Decay, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Fascia</i>								
Wood Overhead Doors	5%	Now	\$2,700	2027	**	5	\$900	A
<i>Deteriorated Finish, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Wood Doors On North Side</i>								
<i>Dry Rot/Decay, Extent : Severe, Area Affected : 25%</i>								
<i>Location : North Side</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF CULTURAL AFFAIRS - 126
NEW YORK BOTANICAL GARDEN OPERATIONS BUILDING

Asset # : 2227

Architecture	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Windows								
Steel	70%	Now	\$21,100	2047	**	5	\$2,300	A
	<i>Bent/Warped Elements, Extent : Severe, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
	<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 50%</i>							
	<i>Location : Throughout</i>							
	<i>Corrosion/Rusting, Extent : Severe, Area Affected : 50%</i>							
	<i>Location : Throughout</i>							
	<i>Thermally Inefficient, Extent : Severe, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
Wood	30%	Now	\$4,900	2047	**	5	\$800	A
	<i>Condensation Present, Extent : Moderate, Area Affected : 10%</i>							
	<i>Location : Various</i>							
	<i>Deteriorated Finish, Extent : Severe, Area Affected : 60%</i>							
	<i>Location : Throughout</i>							
	<i>Dry Rot/Decay, Extent : Severe, Area Affected : 20%</i>							
	<i>Location : Various</i>							
<hr/>								
Roof								
Slate	100%	Now	\$6,800	LIFE	**			A
	<i>Gut/DS Non Func/Miss, Extent : Severe, Area Affected : 30%</i>							
	<i>Location : South Facade</i>							
	<i>Loose Units, Extent : Moderate, Area Affected : 10%</i>							
	<i>Location : Throughout</i>							
<hr/>								
Interior								
Floors								
Cast in Place Concrete	15%			LIFE	**	5	\$2,100	C
Slate	10%			LIFE	**	5	\$700	C
Vinyl Tile	25%			2017	\$15,300	3	\$600	C
Wood	50%			2037	**	5	\$6,100	C

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

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** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF CULTURAL AFFAIRS - 126
NEW YORK BOTANICAL GARDEN OPERATIONS BUILDING

Asset # : 2227

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
Interior Walls								
Ceramic Tile	3%			2025	**	5	\$100	C
Gypsum Board	27%			LIFE	**	5	\$600	C
Masonry: Brick	10%			LIFE	**			C
Masonry: Fieldstone	20%	Now	\$19,400	LIFE	**			C
<i>Other Observation, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Northwest Corner</i>								
<i>Explanation : Major Crack Through Wall In North Side Second Floor Apartment</i>								
Plaster	20%			LIFE	**	5	\$200	C
<i>Paint Peeling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Various</i>								
<i>Staining/Discoloring, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Shop</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Shop And Various Others</i>								
Plywood/Hardboard	20%			LIFE	**			C
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Offices</i>								
<i>Explanation : Wood Paneling</i>								
Ceilings								
AcousTileSusp.Lay-In	20%	Now	\$400	2027	**	5	\$600	B
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Offices</i>								
Exposed Struc: Wood	50%			LIFE	**			B
Gypsum Board	30%			LIFE	**	5	\$2,400	B

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Switchgear / Switchboard								
Molded Case Bkrs	100%	Now	\$19,800	2052	**	5	\$100	B
<i>On Extended Life, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Office Room</i>								
Raceway								
Conduit	100%			2042	**	1		B
Panelboards								
Molded Case Bkrs	100%			2038	**	5	\$200	B
Wiring								
Braided Cloth	50%	2-4	\$7,500	2047	**	1		B
<i>Insulation Aged, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Thermoplastic	50%			2042	**	1		B
Motor Controllers								
Locally Mounted	100%			2035	**	5	\$100	B

Lighting

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF CULTURAL AFFAIRS - 126
NEW YORK BOTANICAL GARDEN OPERATIONS BUILDING

Asset # : 2227

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Lighting								
Interior Lighting Fluorescent	95%			2027	* *	10	\$3,800	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : T-8 Lamps</i>								
Incandescent	5%			2022	\$500	2		B
Egress Lighting Exit, Service	100%			2022	\$700	1		B
Exterior Lighting HID	100%			2022	\$500	10		B
Mechanical								
Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source Fuel Oil No 2	100%			2022	\$12,100	5	\$1,300	B
Conversion Equipment Steam Boiler	100%			2035	* *	1	\$4,300	B
Distribution Steam Piping/Pump	100%	Now	\$2,800	2032	* *	4	\$200	B
<i>Broken, Extent : Severe, Area Affected : 30%</i>								
<i>Location : Condensate Return Pipes, Under Ground</i>								
Terminal Devices Convactor/Radiator	100%			2020	\$44,700	1	\$1,400	B
Air Conditioning								
Energy Source Electricity	100%			2030	* *	1		B
Conversion Equipment Window/Wall Unit	70%			2015	\$7,100	1		B
No Component	30%							D
Ventilation								
Exhaust Fans Wall Unit	10%			2022	\$700	2		B
No Component	90%							D
Plumbing								
H/C Water Piping Brass/Copper	100%			2032	* *	1		B
Water Heater Electric	100%			2020	\$800	4		B
Sanitary Piping Cast Iron	100%			LIFE	* *	1		B
Fixtures Generic	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.*

Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : NEW YORK BOTANICAL GARDEN PRATT BUILDING
Address : SOUTHERN BLVD. @200TH STREET
Borough : BRONX **Agency's Number** : N/A
Program / Asset # : DCA0010.000 / 2345 **Yr Built/Renovated** : 1965 / 2006
Area Sq Ft : 41,168 **Project Type** : CULTURAL AFFAIRS
Date of Survey : 13-Apr-2011 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1,2,3,4,5,6
Block : 3272 **Lot** : 1 **BIN** :

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$278,000	\$41,600
Interior Architecture		\$53,200
Electrical		\$118,700
Mechanical	\$204,800	\$208,100
Total	\$482,800	\$421,600
Priority A	\$278,000	\$41,600
Priority B	\$204,800	\$326,800
Priority C		\$53,200
Total	\$482,800	\$421,600

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$28,700			\$1,400
Interior Architecture	\$8,700	\$1,400	\$7,700	\$37,500
Electrical	\$1,100	\$800	\$600	\$700
Mechanical	\$6,000	\$3,700	\$35,000	\$4,300
Elevators/Escalators	\$5,900	\$5,900	\$5,900	\$5,900
Total	\$50,500	\$11,800	\$49,200	\$49,800
Priority A	\$28,700			\$1,400
Priority B	\$13,100	\$10,400	\$49,200	\$10,900
Priority C	\$8,700	\$1,400		\$37,500
Total	\$50,500	\$11,800	\$49,200	\$49,800



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPARTMENT OF CULTURAL AFFAIRS - 126
NEW YORK BOTANICAL GARDEN PRATT BUILDING**

Asset # : 2345

Architecture	Current Repair			Future Replacement		Maintenance		Priority Code
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	\$278,000	LIFE	**	5	\$41,600	A
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Throughout Facade, Penthouse</i>								
<i>Diagonal Cracks, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Stair Walls Bulkhead/ Mechanical Penthouse</i>								
<i>Horizontal Cracks, Extent : Severe, Area Affected : 5%</i>								
<i>Location : Stair Walls Bulkhead/ Mechanical Penthouse</i>								
<i>Rusting Masonry Supt, Extent : Severe, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
<hr/>								
Windows								
Aluminum	95%			2038	**	5	\$2,700	A
Metal Louvers	5%			2031	**	10	\$900	A
<hr/>								
Parapets								
Masonry: Brick	95%	Now	\$3,600	LIFE	**	5	\$1,100	A
<i>Horizontal Cracks, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Interior Face</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Interior Face</i>								
<hr/>								
Pre-Cast Concrete	5%	Now	\$700	LIFE	**	5	\$400	A
<i>Caulking Deteriorated, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Coping</i>								
<hr/>								
Roof								
IRMA/Protected Membrane	100%	Now	\$24,500	2027	**			A
<i>Debris on Roof, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : South Side</i>								
<i>Drains Inad/Misposn, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Insul Miss/Displaced, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Various</i>								
<i>Miss/Damaged Flashings, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Ponding, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Vegetation Growth, Extent : Severe, Area Affected : 5%</i>								
<i>Location : Around Penthouse</i>								

Interior

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF CULTURAL AFFAIRS - 126
NEW YORK BOTANICAL GARDEN PRATT BUILDING**

Asset # : 2345

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
Floors								
Carpet	20%			2018	\$33,000	3	\$11,200	C
Ceramic Tile	5%			2031	**	5	\$1,400	C
Terrazzo	5%	Now	\$4,200	LIFE	**	5	\$1,100	C
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Room Xg Xm</i>								
Vinyl Tile	20%			2022	\$53,200	3	\$2,100	C
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Various Floors</i>								
<i>Explanation : 9x9 Tile</i>								
Vinyl Tile	50%			2027	**	3	\$7,000	C
Interior Walls								
Concrete Masonry Unit	80%			LIFE	**	5	\$5,300	C
Gypsum Board	20%			LIFE	**	5	\$2,000	C
Ceilings								
AcousTile,Adhered	25%			2027	**	5	\$7,000	B
AcousTileSusp.Lay-In	30%			2027	**	5	\$8,400	B
Exposed Concrete	45%			LIFE	**	5	\$2,000	B

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Raceway								
Conduit	100%			2032	**	1		B
Panelboards								
Molded Case Bkrs	70%			2030	**	5	\$600	B
Molded Case Bkrs	30%			2038	**	5	\$300	B
Wiring								
Thermoplastic	100%			2042	**	1		B
Motor Controllers								
Locally Mounted	50%			2027	**	5	\$100	B
Motor Control Center	50%			2035	**	5	\$500	B
Ground								
Grounding Devices								
Not Accessible	100%							D
Lighting								
Interior Lighting								
Fluorescent	100%			2030	**	10	\$17,200	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Using T-5 And T-8 Lamps</i>								
Egress Lighting								
Exit, LED	100%			2057	**	1		B
Exterior Lighting								
HID	100%			2022	\$14,000	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.*

**DEPARTMENT OF CULTURAL AFFAIRS - 126
NEW YORK BOTANICAL GARDEN PRATT BUILDING**

Asset # : 2345

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	

Alarm

Fire/Smoke Detection

No Component	70%							D
Generic	30%			2022	\$118,700	1-3	\$6,200	B

Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	

Heating

Conversion Equipment

Heat Exchanger	60%			2025	**	1	\$5,600	B
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Other Observation, Extent : Light, Area Affected : 60%

Location : Penthouse

Explanation : 1 Unit

No Component	40%							D
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Other Observation, Extent : Light, Area Affected : 0%

Location : Throughout

Explanation : Gets Heat From Science Building

Distribution

Hot Wtr Piping/Pump	60%			2030	**	4	\$600	B
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Steam Piping/Pump	40%			2032	**	4	\$600	B
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Other Observation, Extent : Severe, Area Affected : 100%

Location : 1st Floor

Explanation : Low Pressure Steam Direct From Museum

Terminal Devices

Air Handler	40%			2017	\$27,500	1	\$4,600	B
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Convactor/Radiator	60%			2027	**	1	\$3,600	B
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Air Conditioning

Energy Source

Electricity	100%			2030	**	1		B
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Conversion Equipment

Reciprocating Compr/Chiller	100%			2017	\$72,100	1	\$8,700	B
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Other Observation, Extent : Light, Area Affected : 100%

Location : Penthouse

Explanation : 1 Unit - Scheduled To Be Replaced

Distribution

Chilled Wtr Pipe/Pump	100%			2022	\$208,100	4	\$900	B
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Terminal Devices

Air Handler/Cool/Ht	100%			2017	\$90,300	1	\$11,600	B
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Heat Rejection

Air Condenser Unit	100%			2017	\$42,500	2	\$13,100	B
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Other Observation, Extent : Light, Area Affected : 100%

Location : Roof

Explanation : Scheduled To Be Replaced With The Compressor

Ventilation

Distribution

Ductwork/Diffusers	100%			LIFE	**	2-5	\$10,400	B
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Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPARTMENT OF CULTURAL AFFAIRS - 126
NEW YORK BOTANICAL GARDEN PRATT BUILDING**

Asset # : 2345

Mechanical	Current Repair		Future Replacement		Maintenance		Priority Code	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)		Estimated Cost
Ventilation								
Exhaust Fans								
Interior	100%			2022	\$23,500	2	\$600	B
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2032	* *	1		B
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		B
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		B
Fixtures								
Generic	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.*

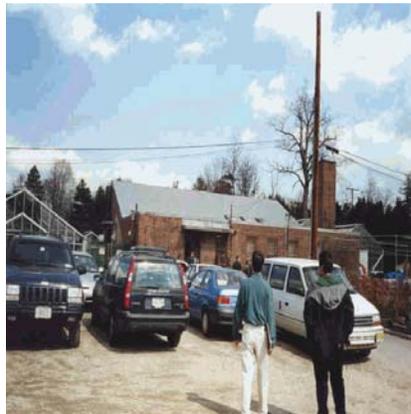
Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : NEW YORK BOTANICAL GARDEN PROPAGATION RANGE
Address : SOUTHERN BLVD. @200TH STREET
Borough : BRONX **Agency's Number** : N/A
Program / Asset # : DCA0010.220 / 2374 **Yr Built/Renovated** : 1940 / 2010
Area Sq Ft : 54,545 **Project Type** : CULTURAL AFFAIRS
Date of Survey : 15-Apr-2011 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1
Block : 3272 **Lot** : 1 **BIN** :

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Exterior Architecture		\$103,400
Interior Architecture		\$126,300
Electrical		\$39,300
Mechanical		\$79,900
Total		\$348,900
Priority A		\$103,400
Priority B		\$119,200
Priority C		\$126,300
Total		\$348,900

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture			\$27,700	
Interior Architecture	\$3,200		\$4,800	
Electrical	\$9,600	\$4,000	\$6,500	\$4,000
Mechanical	\$4,800	\$4,600	\$4,100	\$3,900
Total	\$17,600	\$8,600	\$43,100	\$8,000
Priority A			\$27,700	
Priority B	\$14,500	\$8,600	\$10,600	\$8,000
Priority C	\$3,200		\$4,800	
Total	\$17,600	\$8,600	\$43,100	\$8,000



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF CULTURAL AFFAIRS - 126
NEW YORK BOTANICAL GARDEN PROPAGATION RANGE

Asset # : 2374

Architecture	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	97%			LIFE	**	5	\$103,400	A
	<i>Recent Repair Evident, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
Metal Panel	3%			2052	**	5-10	\$22,000	A
Windows								
Aluminum	100%			2047	**	5	\$1,100	A
	<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
Roof								
Asphalt Shingle	100%			2037	**	10	\$21,100	A
	<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
Interior								
Floors								
Cast in Place Concrete	90%			LIFE	**	5	\$126,300	C
Quarry Tile	10%			2042	**	5	\$9,600	C
	<i>Recent Installation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Toilet And Shower Areas</i>							
Interior Walls								
Cast in Place Concrete	10%			LIFE	**			C
	<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Boiler Room</i>							
Ceramic Tile	5%			2037	**	5		C
	<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Shower And Toilet Areas</i>							
Concrete Masonry Unit	2%			LIFE	**	5		C
Gypsum Board	50%			LIFE	**	5	\$100	C
	<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>							
	<i>Location : First Floor</i>							
Masonry: Brick	5%	Now	\$300	LIFE	**			C
	<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%</i>							
	<i>Location : Basement</i>							
	<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>							
	<i>Location : Basement</i>							
Masonry: Fieldstone	28%	Now	\$2,800	LIFE	**			C
	<i>Other Observation, Extent : Moderate, Area Affected : 10%</i>							
	<i>Location : Tank Room</i>							
	<i>Explanation : Water Penetration In Basement</i>							
Ceilings								
Exposed Struc: Steel	50%			LIFE	**			B
Gypsum Board	50%			LIFE	**	5	\$2,000	B
	<i>Recent Replace Evident, Extent : Light, 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.

DEPARTMENT OF CULTURAL AFFAIRS - 126
NEW YORK BOTANICAL GARDEN PROPAGATION RANGE

Asset # : 2374

Electrical	Current Repair			Future Replacement		Maintenance		Priority Code
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%			2052	**	5	\$200	B
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Electrical Room</i>							
	<i>Explanation : Three 1200 Amps Service</i>							
Switchgear / Switchboard								
Fused Disc Sw	100%			2052	**	5	\$200	B
Raceway								
Conduit	100%			2052	**	1		B
Panelboards								
Molded Case Bkrs	100%			2047	**	5	\$1,200	B
Wiring								
Thermoplastic	100%			2052	**	1		B
Motor Controllers								
Locally Mounted	100%			2042	**	5	\$300	B
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$700	B
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Basement</i>							
	<i>Explanation : Water Main</i>							
Stand-by Power								
Transfer Switches								
Automatic	100%			2042	**	1	\$13,800	B
Generators								
Diesel	100%			2031	**	1	\$17,300	B
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Outside</i>							
	<i>Explanation : One 331 Kva</i>							
Batteries								
Nickel Cadmium	100%			2015	\$600	5	\$10,000	B
Fuel Storage								
Main Tank	100%			2037	**	5	\$1,300	B
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Basement</i>							
	<i>Explanation : 250 Gals</i>							
Lighting								
Interior Lighting								
Fluorescent	100%			2032	**	10	\$39,300	B
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : T-8 Lamps</i>							
Egress Lighting								
Exit, LED	100%			2062	**	1		B
Exterior Lighting								
HID	100%			2032	**	10	\$100	B

Lightning Protection

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

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DEPARTMENT OF CULTURAL AFFAIRS - 126
NEW YORK BOTANICAL GARDEN PROPAGATION RANGE

Asset # : 2374

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Lightning Protection								
Arresters/Cabling								
Generic	100%			2062	**	5	\$1,300	B
Alarm								
Security System								
No Component	90%							D
Generic	10%			2032	**	1	\$1,700	B
Fire/Smoke Detection								
No Component	70%							D
Generic	30%			2032	**	1-3	\$8,300	B
Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
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		B
Conversion Equipment								
Hot Water Boiler	100%			2042	**	1	\$21,200	B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : 1 Unit</i>								
Distribution								
Hot Wtr Piping/Pump	100%			2047	**	4	\$3,200	B
Terminal Devices								
Convector/Radiator	80%			2042	**	1	\$11,100	B
Fan Coil Unit/Heat	20%			2032	**	1	\$2,800	B
Air Conditioning								
Energy Source								
Electricity	100%			2044	**	1		B
Conversion Equipment								
Window/Wall Unit	80%			2022	\$79,900	1		B
No Component	20%							D
Ventilation								
Distribution								
Ductwork/Diffusers	10%			LIFE	**	2-5	\$2,400	B
No Component	90%							D
Exhaust Fans								
Roof	10%			2032	**	2	\$100	B
No Component	90%							D
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2052	**	1		B
Water Heater								
Gas Fired	100%			2022	\$11,300	2	\$600	B
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		B

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPARTMENT OF CULTURAL AFFAIRS - 126
NEW YORK BOTANICAL GARDEN PROPAGATION RANGE**

Asset # : 2374

Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Plumbing								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		B
Sump Pump(s)								
Rigid Piping	100%			2032	* *	4	\$2,000	B
Backflow Preventer								
Generic	100%			2032	* *	1	\$2,700	B
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Outside Of Building</i>						
		<i>Explanation : Outside Hot Box</i>						
Fixtures								
Generic	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.*

Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : NEW YORK BOTANICAL GARDEN STORAGE & LOWER GARAGE
Address : SOUTHERN BLVD. @200TH STREET
Borough : BRONX **Agency's Number** : N/A
Program / Asset # : DCA0010.070 / 2371 **Yr Built/Renovated** : 1934 /
Area Sq Ft : 7,100 **Project Type** : CULTURAL AFFAIRS
Date of Survey : 15-Apr-2011 **Landmark Status** : NONE
Areas Surveyed : Roof, Floors 1,2
Block : 3272 **Lot** : 1 **BIN** :

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$125,200	
Total	\$125,200	
Priority A	\$125,200	
Total	\$125,200	

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$7,000		\$1,400	
Interior Architecture	\$8,400		\$2,100	\$300
Electrical	\$100		\$1,700	
Mechanical	\$1,000	\$400	\$4,100	\$400
Total	\$16,400	\$400	\$9,200	\$700
Priority A	\$7,000		\$1,400	
Priority B	\$7,400	\$400	\$5,800	\$400
Priority C	\$2,100		\$2,000	\$300
Total	\$16,400	\$400	\$9,200	\$700



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
 Estimates are rounded to the nearest hundred dollars.
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
 ** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF CULTURAL AFFAIRS - 126
NEW YORK BOTANICAL GARDEN STORAGE & LOWER GARAGE

Asset # : 2371

Architecture	Current Repair		Future Replacement		Maintenance		Priority Code	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)		Estimated Cost
Exterior								
Exterior Walls								
Alum/Vinyl Siding	65%			2042	**	10	\$1,200	A
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : Vinyl Siding</i>							
Masonry: Brick	20%			LIFE	**	5	\$1,200	A
Metal Coiling Doors	15%			2027	**	5	\$2,800	A
Windows								
Aluminum	30%			2038	**	5	\$100	A
Wood	70%	Now	\$7,000	2047	**	5	\$1,100	A
	<i>Air Infiltration, Extent : Moderate, Area Affected : 50%</i>							
	<i>Location : Upper Floor</i>							
	<i>Deteriorated Finish, Extent : Severe, Area Affected : 50%</i>							
	<i>Location : Upper Floor</i>							
	<i>Dry Rot/Decay, Extent : Severe, Area Affected : 50%</i>							
	<i>Location : Upper Floor</i>							
	<i>Split/Cracked, Extent : Moderate, Area Affected : 50%</i>							
	<i>Location : Upper Floor</i>							
Roof								
Slate	100%	Now	\$125,200	LIFE	**			A
	<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 15%</i>							
	<i>Location : Throughout</i>							
	<i>Gut/DS Non Func/Miss, Extent : Moderate, Area Affected : 15%</i>							
	<i>Location : East Facade</i>							
	<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>							
	<i>Location : South End</i>							
	<i>Other Observation, Extent : Moderate, Area Affected : 50%</i>							
	<i>Location : West Facade</i>							
	<i>Explanation : Gutters Replaced On West Facade</i>							
Interior								
Floors								
Cast in Place Concrete	50%			LIFE	**	5	\$9,500	C
Vinyl Tile	25%	Now	\$2,100	2027	**	3	\$800	C
	<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 25%</i>							
	<i>Location : Various</i>							
	<i>Patching Evident, Extent : Moderate, Area Affected : 10%</i>							
	<i>Location : Various On Upper Floor</i>							
	<i>Worn/Eroded, Extent : Moderate, Area Affected : 30%</i>							
	<i>Location : North End Of Upper Floor</i>							
Wood	25%			2037	**	5	\$4,100	C
	<i>Deteriorated Finish, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Upper Floor</i>							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF CULTURAL AFFAIRS - 126
NEW YORK BOTANICAL GARDEN STORAGE & LOWER GARAGE

Asset # : 2371

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
Interior Walls								
Gypsum Board	55%			LIFE	**	5	\$400	C
Masonry: Brick	15%			LIFE	**			C
<i>Diagonal Cracks, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : South End Of Shop</i>								
Masonry: Fieldstone	10%			LIFE	**			C
Wood	20%			LIFE	**	5	\$1,000	C
Ceilings								
AcousTileSusp.Lay-In	2%			2027	**	5	\$200	B
Exposed Struc: Wood	20%			LIFE	**			B
Gypsum Board	58%	Now	\$6,300	LIFE	**	5	\$6,300	B
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Various</i>								
<i>Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Lower Floor</i>								
Gypsum Board	20%			LIFE	**	5	\$2,200	B

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Raceway								
Conduit	100%			2032	**	1		B
Panelboards								
Molded Case Bkrs	100%			2030	**	5	\$200	B
Wiring								
Braided Cloth	20%			2021	\$3,000	1		B
<i>Insulation Aged, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Thermoplastic	80%			2032	**	1		B
Motor Controllers								
Locally Mounted	100%			2027	**	5		B
Lighting								
Interior Lighting								
Fluorescent	90%			2022	\$11,500	10	\$4,800	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : T-8 Lamps</i>								
Incandescent	10%			2017	\$1,300	2		B
Exterior Lighting								
HID	100%			2017	\$400	10		B

Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF CULTURAL AFFAIRS - 126
NEW YORK BOTANICAL GARDEN STORAGE & LOWER GARAGE

Asset # : 2371

Mechanical	Current Repair		Future Replacement		Maintenance		Priority Code	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating								
Energy Source								
Electricity	100%			2032	* *	1		B
Conversion Equipment								
Radiant Heater	80%			2022	\$23,100	2	\$2,200	B
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : 10 Units</i>						
No Component	20%							D
Air Conditioning								
Energy Source								
Electricity	100%			2030	* *	1		B
Conversion Equipment								
Window/Wall Unit	30%			2017	\$4,100	1		B
No Component	70%							D
Plumbing								
H/C Water Piping								
Brass/Copper	50%			2022	\$9,800	1		B
Galv Iron/Steel	50%			2020	\$9,800	1		B
Water Heater								
Electric	100%			2015	\$1,000	4	\$100	B
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		B
Fixtures								
Generic	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.*

Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : NEW YORK BOTANICAL GARDEN UPPER GARAGE - MECH. SHOP
Address : SOUTHERN BLVD. @200TH STREET
Borough : BRONX **Agency's Number** : N/A
Program / Asset # : DCA0010.120 / 2257 **Yr Built/Renovated** : 1982 /
Area Sq Ft : 4,210 **Project Type** : CULTURAL AFFAIRS
Date of Survey : 15-Apr-2011 **Landmark Status** : NONE
Areas Surveyed : Roof, Floors 1
Block : 3272 **Lot** : 1 **BIN** :

CAPITAL

Total
 Priority
Total

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$19,700		\$5,700	
Interior Architecture	\$3,600			
Electrical	\$300	\$900	\$3,600	\$300
Mechanical	\$100		\$4,400	
Total	\$23,700	\$900	\$13,700	\$300
Priority A	\$19,700		\$5,700	
Priority B	\$400	\$900	\$8,000	\$300
Priority C	\$3,600			
Total	\$23,700	\$900	\$13,700	\$300



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
 Estimates are rounded to the nearest hundred dollars.
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
 ** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF CULTURAL AFFAIRS - 126
NEW YORK BOTANICAL GARDEN UPPER GARAGE - MECH. SHOP

Asset # : 2257

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Fieldstone	10%			LIFE	**	5	\$500	A
Metal Sect. OHD	30%			2035	**	5	\$6,800	A
Stucco Cement	60%	Now	\$13,700	2035	**	5	\$5,500	A
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Parapets								
Metal Panel	50%			2042	**	5	\$6,800	A
Stucco Cement	50%			2027	**	5	\$4,600	A
Roof								
Asphalt Shingle	90%	Now	\$2,600	2031	**			A
<i>Drains Inad/Misposn, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Leaders Not Functional</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : At Walls</i>								
Skylight, Metal/Glass	10%			2032	**	10	\$2,400	A
Interior								
Floors								
Cast in Place Concrete	100%			LIFE	**	5	\$11,800	C
Interior Walls								
Concrete Masonry Unit	90%	Now	\$3,100	LIFE	**	5	\$300	C
<i>Water Penetration, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Near Roof</i>								
Gypsum Board	10%	Now	\$500	LIFE	**	5	\$100	C
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Upper Wall</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Upper Wall</i>								
Ceilings								
Exposed Struc: Steel	97%			LIFE	**			B
Gypsum Board	3%			LIFE	**	5	\$200	B

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
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%			2042	**	5		B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : One 600 Amps Service</i>								
Switchgear / Switchboard								
Fused Disc Sw	100%			2042	**	5		B
Raceway								
Conduit	100%			2042	**	1		B

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF CULTURAL AFFAIRS - 126
NEW YORK BOTANICAL GARDEN UPPER GARAGE - MECH. SHOP

Asset # : 2257

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Panelboards								
Molded Case Bkrs	100%			2038	**	5	\$100	B
Wiring								
Thermoplastic	100%			2042	**	1		B
Motor Controllers								
Locally Mounted	100%			2035	**	5		B
Ground								
Grounding Devices								
Not Accessible	100%							D
Stand-by Power								
Transfer Switches								
Automatic	100%			2035	**	1	\$1,100	B
Generators								
Diesel	100%			2031	**	1	\$1,300	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Outside</i>								
<i>Explanation : One 130 Kva Kohler Generator</i>								
Batteries								
Lead/Acid	100%			2016	\$600	5	\$100	B
Fuel Storage								
Main Tank	100%			2050	**	5	\$100	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Outdoor</i>								
<i>Explanation : 250 Gal</i>								
Lighting								
Interior Lighting								
Fluorescent	100%			2027	**	10	\$3,300	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : T-8 Lamps</i>								
Exterior Lighting								
HID	100%			2022	\$100	10		B

Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Electricity	100%			2032	**	1		B
Conversion Equipment								
Radiant Heater	30%			2027	**	2	\$500	B
<i>Other Observation, Extent : Light, Area Affected : 30%</i>								
<i>Location : Office Area</i>								
<i>Explanation : 2 Units</i>								
No Component	70%							D
Ventilation								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF CULTURAL AFFAIRS - 126
NEW YORK BOTANICAL GARDEN UPPER GARAGE - MECH. SHOP
Asset # : 2257

Mechanical	Current Repair		Future Replacement		Maintenance		Priority Code	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)		Estimated Cost
Ventilation								
Exhaust Fans								
Wall Unit	70%			2017	\$4,300	2	\$100	B
No Component	30%							D
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2032	* *	1		B
Water Heater								
Electric	100%			2020	\$600	4		B
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		B

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : NEW YORK BOTANICAL GARDEN VISITORS CAFE
Address : SOUTHERN BLVD. @200TH STREET
Borough : BRONX **Agency's Number** : N/A
Program / Asset # : DCA0010.260 / 13971 **Yr Built/Renovated** : 2003 /
Area Sq Ft : 5,000 **Project Type** : CULTURAL AFFAIRS
Date of Survey : 15-Apr-2011 **Landmark Status** : NONE
Areas Surveyed : Roof, Floors 1
Block : 3272 **Lot** : 1 **BIN** :

CAPITAL

Total

Priority

Total

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture			\$100	\$5,200
Interior Architecture	\$500			
Electrical	\$100	\$100	\$100	\$100
Mechanical	\$100	\$200	\$300	\$200
Total	\$700	\$200	\$500	\$5,500
Priority A			\$100	\$5,200
Priority B	\$200	\$200	\$400	\$300
Priority C	\$500			
Total	\$700	\$200	\$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.

DEPARTMENT OF CULTURAL AFFAIRS - 126
NEW YORK BOTANICAL GARDEN VISITORS CAFE

Asset # : 13971

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Window Wall	95%			2048	**	5	\$10,500	A
Wood	5%			2039	**	5	\$700	A
Roof								
Metal Panel	95%			2039	**	10	\$4,900	A
Single Ply Membrane	5%			2027	**	10	\$100	A
Interior								
Floors								
Cast in Place Concrete	85%			LIFE	**	5	\$6,300	C
Sheet Vinyl/Rubber	15%			2030	**	5	\$800	C
Interior Walls								
Ceramic Tile	15%			2035	**	5	\$300	C
Gypsum Board	30%			LIFE	**	5	\$400	C
Masonry: Fieldstone	30%			LIFE	**			C
Wood	25%			LIFE	**	5	\$2,000	C
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Public Areas</i>								
<i>Explanation : Acoustic Fiberboard Backing</i>								
Ceilings								
AcousTileSusp.Lay-In	15%			2039	**	5	\$500	B
Exposed Struc: Wood	85%			LIFE	**			B

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Raceway								
Conduit	100%			2048	**	1		B
Panelboards								
Molded Case Bkrs	100%			2044	**	5	\$100	B
Wiring								
Thermoplastic	100%			2048	**	1		B
Lighting								
Interior Lighting								
Fluorescent	60%			2030	**	10	\$1,300	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : T-8 Lamps</i>								
Incandescent	40%			2030	**	2		B
Egress Lighting								
Emergency, Service	50%			2030	**	1		B
Exit, Service	50%			2030	**	1		B
Exterior Lighting								
HID	100%			2027	**	10		B

Alarm

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPARTMENT OF CULTURAL AFFAIRS - 126
NEW YORK BOTANICAL GARDEN VISITORS CAFE**

Asset # : 13971

System Component Type	Current Repair			Future Replacement		Maintenance		Priority Code
	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	

Alarm

Fire/Smoke Detection								
No Component	70%							D
Generic	30%			2030	**	1-3	\$800	B

System Component Type	Current Repair			Future Replacement		Maintenance		Priority Code
	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	

Heating

Energy Source								
Natural Gas	100%			2048	**	1		B
Conversion Equipment								
Furnace	100%			2030	**	1	\$1,100	B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Outside</i>								
<i>Explanation : 1 Unit</i>								

Air Conditioning

Energy Source								
Electricity	100%			2044	**	1		B
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	100%			2030	**	2	\$100	B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Outside</i>								
<i>Explanation : 1 Unit</i>								

Ventilation

Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$1,300	B
Exhaust Fans								
Roof	100%			2030	**	2	\$100	B

Plumbing

H/C Water Piping								
Brass/Copper	100%			2048	**	1		B
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		B

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : NEW YORK BOTANICAL GARDEN VISITORS REST ROOMS
Address : SOUTHERN BLVD. @200TH STREET
Borough : BRONX **Agency's Number** : N/A
Program / Asset # : DCA0010.270 / 13972 **Yr Built/Renovated** : 2003 /
Area Sq Ft : 2,000 **Project Type** : CULTURAL AFFAIRS
Date of Survey : 15-Apr-2011 **Landmark Status** : NONE
Areas Surveyed : Roof, Floors 1
Block : 3272 **Lot** : 1 **BIN** :

CAPITAL

Total
 Priority
Total

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture				\$1,600
Interior Architecture	\$100			
Electrical				
Mechanical		\$100	\$100	\$100
Total	\$100	\$100	\$100	\$1,700
Priority A				\$1,600
Priority B		\$100	\$100	\$100
Priority C	\$100			
Total	\$100	\$100	\$100	\$1,700



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
 Estimates are rounded to the nearest hundred dollars.
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
 ** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF CULTURAL AFFAIRS - 126
NEW YORK BOTANICAL GARDEN VISITORS REST ROOMS

Asset # : 13972

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	

Exterior

Exterior Walls

Masonry: Fieldstone	60%			LIFE	**	5	\$500	A
Metal Panel	23%			2048	**	5-10	\$1,900	A
Stucco Cement	2%			2039	**	5	\$100	A
Window Wall	10%			2048	**	5	\$400	A
Wood	5%			2039	**	5	\$300	A

Roof

Metal Panel	100%			2039	**	10	\$2,100	A
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Interior

Floors

Cast in Place Concrete	100%			LIFE	**	5	\$3,000	C
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Horizontal Cracks, Extent : Light, Area Affected : 10%

Location : Women's Restroom

Interior Walls

Ceramic Tile	20%			2035	**	5	\$200	C
Gypsum Board	80%			LIFE	**	5	\$400	C

Ceilings

Exposed Struc: Wood	100%			LIFE	**			B
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Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	

Under 600 Volts

Raceway

Conduit	100%			2048	**	1		B
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Panelboards

Molded Case Bkrs	100%			2044	**	5		B
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Wiring

Thermoplastic	100%			2048	**	1		B
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Lighting

Interior Lighting

Fluorescent	100%			2030	**	10	\$800	B
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Other Observation, Extent : Moderate, Area Affected : 100%

Location : Throughout

Explanation : T-8 Lamps

Egress Lighting

Emergency, Service	50%			2030	**	1		B
Exit, Service	50%			2030	**	1		B

Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	

Heating

Energy Source

Electricity	100%			2048	**	1		B
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Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF CULTURAL AFFAIRS - 126
NEW YORK BOTANICAL GARDEN VISITORS REST ROOMS

Asset # : 13972

Mechanical	Current Repair		Future Replacement		Maintenance		Priority Code	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)		Estimated Cost
Heating								
Conversion Equipment Radiant Heater	100%			2030	* *	2	\$400	B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : 8 Units</i>								
Air Conditioning								
Energy Source Electricity	100%			2044	* *	1		B
Conversion Equipment Ext Pkg Unit - Cooling	100%			2030	* *	2	\$100	B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Outside</i>								
<i>Explanation : 1 Unit</i>								
Ventilation								
Distribution Ductwork/Diffusers	100%			LIFE	* *	2-5	\$500	B
Exhaust Fans Interior	100%			2030	* *	2		B
Plumbing								
H/C Water Piping Brass/Copper	100%			2048	* *	1		B
Water Heater Electric	100%			2021	\$200	4		B
Sanitary Piping Cast Iron	100%			LIFE	* *	1		B
Fixtures Generic	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.*

Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : NEW YORK BOTANICAL GARDEN VISITORS SHOP & STORAGE
Address : SOUTHERN BLVD. @200TH STREET
Borough : BRONX **Agency's Number** : N/A
Program / Asset # : DCA0010.250 / 13970 **Yr Built/Renovated** : 2003 /
Area Sq Ft : 5,000 **Project Type** : CULTURAL AFFAIRS
Date of Survey : 15-Apr-2011 **Landmark Status** : NONE
Areas Surveyed : Roof, Floors 1
Block : 3272 **Lot** : 1 **BIN** :

CAPITAL

Total
 Priority
Total

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture				\$4,700
Interior Architecture				
Electrical	\$100	\$100	\$100	\$100
Mechanical	\$100	\$100	\$300	\$100
Total	\$200	\$200	\$400	\$4,900
Priority A				\$4,700
Priority B	\$200	\$200	\$400	\$200
Priority C				
Total	\$200	\$200	\$400	\$4,900



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
 Estimates are rounded to the nearest hundred dollars.
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
 ** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF CULTURAL AFFAIRS - 126
NEW YORK BOTANICAL GARDEN VISITORS SHOP & STORAGE

Asset # : 13970

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Fieldstone	30%			LIFE	**	5	\$700	A
Metal Panel	15%			2048	**	5-10	\$3,000	A
Stucco Cement	5%			2039	**	5	\$400	A
Window Wall	45%			2048	**	5	\$5,000	A
Wood	5%			2039	**	5	\$700	A
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Front And Back</i>								
<i>Explanation : Overhang</i>								
Roof								
Metal Panel	100%			2039	**	10	\$5,200	A
Interior								
Floors								
Cast in Place Concrete	100%			LIFE	**	5	\$7,400	C
<i>Horizontal Cracks, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Entry To Staff Area</i>								
Interior Walls								
Gypsum Board	5%			LIFE	**	5	\$100	C
Masonry: Fieldstone	50%			LIFE	**			C
No Component	45%							D
Ceilings								
Exposed Struc: Wood	100%			LIFE	**			B
Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Raceway								
Conduit	100%			2048	**	1		B
Panelboards								
Molded Case Bkrs	100%			2044	**	5	\$100	B
Wiring								
Thermoplastic	100%			2048	**	1		B
Lighting								
Interior Lighting								
Fluorescent	70%			2030	**	10	\$1,500	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : T-8 Lamps</i>								
Incandescent	30%			2030	**	2		B
Egress Lighting								
Exit, LED	100%			2057	**	1		B
Exterior Lighting								
HID	100%			2030	**	10		B
Alarm								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF CULTURAL AFFAIRS - 126
NEW YORK BOTANICAL GARDEN VISITORS SHOP & STORAGE

Asset # : 13970

System Component Type	Current Repair			Future Replacement		Maintenance		Priority Code
	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	

Alarm

Fire/Smoke Detection								
No Component	70%							D
Generic	30%			2030	**	1-3	\$800	B

System Component Type	Current Repair			Future Replacement		Maintenance		Priority Code
	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	

Heating

Energy Source								
Natural Gas	100%			2048	**	1		B
Conversion Equipment								
Furnace	100%			2030	**	1	\$1,100	B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Outside Rear Of The Building</i>								
<i>Explanation : 2 Package Units</i>								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$1,300	B

Air Conditioning

Energy Source								
Electricity	100%			2044	**	1		B
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	100%			2030	**	2	\$100	B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Outside Rear Of The Building</i>								
<i>Explanation : 2 Units</i>								

Plumbing

H/C Water Piping								
Brass/Copper	100%			2048	**	1		B
Water Heater								
Electric	100%			2021	\$400	4		B
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		B

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : NEW YORK BOTANICAL GARDEN WATSON BUILDING
Address : SOUTHERN BLVD. @200TH STREET
Borough : BRONX **Agency's Number** : N/A
Program / Asset # : DCA0010.100 / 2373 **Yr Built/Renovated** : 1972 / 2006
Area Sq Ft : 29,781 **Project Type** : CULTURAL AFFAIRS
Date of Survey : 15-Apr-2011 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1,2,3,4
Block : 3272 **Lot** : 1 **BIN** :

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$1,356,300	\$69,900
Electrical	\$85,900	\$91,400
Mechanical	\$52,100	\$238,600
Total	\$1,494,300	\$400,000
Priority A	\$1,356,300	\$69,900
Priority B	\$138,000	\$330,100
Total	\$1,494,300	\$400,000

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$23,700		\$8,700	
Interior Architecture	\$23,400	\$1,300	\$2,500	\$146,200
Electrical	\$700	\$500	\$700	\$600
Mechanical	\$10,600	\$7,200	\$67,300	\$6,500
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$62,300	\$12,900	\$83,100	\$157,200
Priority A	\$23,700		\$8,700	
Priority B	\$29,400	\$11,600	\$74,400	\$11,000
Priority C	\$9,200	\$1,300		\$146,200
Total	\$62,300	\$12,900	\$83,100	\$157,200



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DEPARTMENT OF CULTURAL AFFAIRS - 126
NEW YORK BOTANICAL GARDEN WATSON BUILDING

Asset # : 2373

Architecture	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	25%			LIFE	**	5	\$14,300	A
Metal/Glass Curt Wall	65%	Now	\$1,356,300	LIFE	**	5	\$69,900	A
<i>Air Infiltration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 5%</i>								
<i>Location : Various</i>								
<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Various</i>								
<i>Caulking Deteriorated, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Various Offices</i>								
Stucco Cement	10%			2027	**	5	\$14,300	A
Windows								
Aluminum	10%	Now	\$5,300	2038	**	5	\$200	A
<i>Bent/Warped Elements, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Various</i>								
<i>Unit Inoperable, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Various</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Various</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Hopper Windows</i>								
<i>Explanation : Operable Portion Of Curtain Wall</i>								
No Component	90%							D
Parapets								
Masonry: Brick	20%			LIFE	**	5	\$800	A
Metal/Glass Curt Wall	40%	Now	\$16,700	2042	**	5	\$3,000	A
<i>Caulking Deteriorated, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Various</i>								
Metal Panel	10%	Now	\$1,700	2042	**	5	\$700	A
<i>Caulking Deteriorated, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Coping Throughout</i>								
Stucco Cement	30%			2027	**	5	\$3,000	A
Roof								
IRMA/Protected Membrane	100%			2030	**	10	\$16,900	A
Interior								

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DEPARTMENT OF CULTURAL AFFAIRS - 126
NEW YORK BOTANICAL GARDEN WATSON BUILDING

Asset # : 2373

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
Floors								
Carpet	45%	Now	\$6,600	2018	\$132,300	3	\$33,800	C
<i>Worn/Eroded, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Third Floor</i>								
<i>Wrinkling, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Third Floor</i>								
Cast in Place Concrete	5%			LIFE	**	5	\$5,500	C
Ceramic Tile	5%			2031	**	5	\$2,500	C
Terrazzo	3%			LIFE	**	5	\$1,200	C
Vinyl Tile	42%			2027	**	3	\$10,500	C
<i>Worn/Eroded, Extent : Light, Area Affected : 20%</i>								
<i>Location : Various</i>								
Interior Walls								
Concrete Masonry Unit	15%			LIFE	**	5	\$3,100	C
Gypsum Board	85%			LIFE	**	5	\$26,500	C
Ceilings								
AcousTile,Adhered	10%			2027	**	5	\$5,000	B
AcousTileSusp.Lay-In	85%	Now	\$14,100	2035	**	5	\$21,300	B
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : First, Third And Fourth Floors</i>								
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : First, Third And Fourth Floors</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Third Floor Office South Side At Window</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : First, Third And Fourth Floors</i>								
Exposed Struc: Steel	5%			LIFE	**			B

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Switchgear / Switchboard								
Fused Disc Sw	100%			2022	\$74,100	5	\$100	B
Raceway								
Conduit	100%			2032	**	1		B
Panelboards								
Molded Case Bkrs	30%			2030	**	5	\$200	B
Molded Case Bkrs	50%			2038	**	5	\$300	B
Molded Case Bkrs	20%			2021	\$9,000	5	\$100	B
Wiring								
Thermoplastic	80%			2042	**	1		B
Thermoplastic	20%			2022	\$8,300	1		B
Motor Controllers								
Locally Mounted	50%			2027	**	5	\$100	B
Motor Control Center	50%			2035	**	5	\$300	B

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DEPARTMENT OF CULTURAL AFFAIRS - 126
NEW YORK BOTANICAL GARDEN WATSON BUILDING

Asset # : 2373

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Ground								
Grounding Devices								
Not Accessible	100%							D
Lighting								
Interior Lighting								
Fluorescent	100%			2030	**	10	\$30,700	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : T-8 Lamps</i>								
Egress Lighting								
Emergency, Service	30%			2022	\$1,700	1		B
Exit, Service	70%			2022	\$3,900	1		B
Exterior Lighting								
HID	100%			2027	**	10	\$100	B
Alarm								
Fire/Smoke Detection								
No Component	70%							D
Generic	30%			2017	\$85,900	1-3	\$4,500	B
Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating								
Conversion Equipment								
Heat Exchanger	100%			2025	**	1	\$16,600	B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Penthouse</i>								
<i>Explanation : 1 Unit</i>								
Distribution								
Hot Wtr Piping/Pump	70%			2030	**	4	\$1,200	B
Steam Piping/Pump	30%			2032	**	4	\$700	B
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Steam Tunnel</i>								
<i>Explanation : Low Pressure Steam Direct From Science Building</i>								
Terminal Devices								
Air Handler	15%			2022	\$30,700	1	\$3,100	B
Air Handler	35%			2030	**	1	\$7,200	B
<i>Other Observation, Extent : Light, Area Affected : 35%</i>								
<i>Location : Roof</i>								
<i>Explanation : 1 Exterior Package Unit</i>								
Convector/Radiator	20%			2027	**	1	\$2,200	B
Fan Coil Unit/Heat	30%			2022	\$170,300	1	\$3,200	B
Air Conditioning								
Energy Source								
Electricity	100%			2030	**	1		B

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**DEPARTMENT OF CULTURAL AFFAIRS - 126
NEW YORK BOTANICAL GARDEN WATSON BUILDING**

Asset # : 2373

Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Air Conditioning								
Conversion Equipment								
Reciprocating Compr/Chiller	25%			2017	\$32,200	1	\$3,900	B
	<i>Other Observation, Extent : Light, Area Affected : 15%</i>							
	<i>Location : Penthouse</i>							
	<i>Explanation : 1 Unit - Scheduled To Be Replaced</i>							
Ext Pkg Unit - Heating/Cooling	60%			2030	**	2	\$1,200	B
	<i>Other Observation, Extent : Light, Area Affected : 60%</i>							
	<i>Location : 4th Floor Roof</i>							
	<i>Explanation : 1 Roof Top Unit</i>							
No Component	15%							D
Distribution								
Chilled Wtr Pipe/Pump	25%	0-2	\$3,900	2032	**	4	\$400	B
	<i>Corroded, Extent : Moderate, Area Affected : 5%</i>							
	<i>Location : Penthouse & Various Other Areas</i>							
No Component	75%							D
Terminal Devices								
Air Handler/Cool/Ht	15%			2022	\$20,500	1	\$3,100	B
Fan Coil - Cool/Heat	10%			2017	\$52,100	1	\$1,100	B
No Component	75%							D
Heat Rejection								
Air Condenser Unit	25%			2017	\$16,100	2	\$5,800	B
No Component	75%							D
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$18,600	B
Exhaust Fans								
Interior	90%			2022	\$37,700	2	\$900	B
Roof	10%			2027	**	2	\$100	B
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2042	**	1		B
Water Heater								
Electric	100%			2017	\$5,900	4	\$200	B
HW Heat Exchanger								
Low Temp	100%			2032	**	4	\$5,000	B
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		B
Storm Drain Piping								
Cast Iron	100%			LIFE	**	1		B
Backflow Preventer								
Generic	100%			2027	**	1	\$2,100	B
Fixtures								
Generic	100%							B
Vertical Transport								

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**DEPARTMENT OF CULTURAL AFFAIRS - 126
NEW YORK BOTANICAL GARDEN WATSON BUILDING**

Asset # : 2373

Mechanical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			C
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : 1-6</i>							
	<i>Explanation : Watson And Pratt Share One Elevator</i>							
Fire Suppression								
Standpipe								
Generic	100%			2042	* *	1-5	\$17,500	B
Sprinkler								
No Component	99%							D
Generic	1%			2032	* *	1-2	\$100	B

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Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : NEW YORK CITY CENTER
Address : 130 W 56TH ST. BETWEEN 6TH - 7TH AVENUES
Borough : MANHATTAN **Agency's Number** : N/A
Program / Asset # : DCA0018.000 / 2354 **Yr Built/Renovated** : 1924 / 2011
Area Sq Ft : 163,941 **Project Type** : CULTURAL AFFAIRS
Date of Survey : 15-Jan-2013 **Landmark Status** : EXTERIOR LANDMARK
Areas Surveyed : Basement, Roof, Floors 1,3,5,7,13,PH
Block : 1008 **Lot** : 15 **BIN** : 1023391

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$355,200	\$494,300
Interior Architecture	\$350,200	\$491,600
Electrical		\$2,172,100
Mechanical	\$33,200	\$891,600
Total	\$738,600	\$4,049,600
Priority A	\$355,200	\$494,300
Priority B	\$238,000	\$3,180,700
Priority C	\$145,400	\$374,600
Total	\$738,600	\$4,049,600

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$89,000		\$8,800	
Interior Architecture	\$73,700	\$10,000	\$34,900	\$8,800
Electrical	\$30,100	\$9,100	\$10,300	\$12,400
Mechanical	\$117,600	\$41,400	\$75,500	\$37,000
Elevators/Escalators	\$64,200	\$64,200	\$64,200	\$64,200
Total	\$374,600	\$124,700	\$193,600	\$122,400
Priority A	\$89,000		\$8,800	
Priority B	\$222,600	\$114,600	\$164,700	\$113,600
Priority C	\$63,000	\$10,000	\$20,100	\$8,800
Total	\$374,600	\$124,700	\$193,600	\$122,400



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DEPARTMENT OF CULTURAL AFFAIRS - 126
NEW YORK CITY CENTER
Asset # : 2354

Architecture	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	7%			LIFE	**	5	\$203,700	A
Masonry: Brick	75%			LIFE	**	5	\$279,300	A
<i>Recent Repair Evident, Extent : Light, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
Masonry: Granite	8%			LIFE	**	5	\$22,300	A
Masonry: Limestone	10%			LIFE	**	5	\$27,900	A
Windows								
Metal Clad	70%			2032	**	5	\$17,500	A
Steel	15%	Now	\$37,800	2049	**	5	\$3,800	A
<i>Air Infiltration, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Penthouse</i>								
<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Penthouse</i>								
<i>Thermally Inefficient, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Penthouse And Tower</i>								
Wood	15%	2-4	\$20,300	2049	**	5	\$3,000	A
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : North Facade</i>								
<i>Split/Cracked, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : North Facade</i>								
Parapets								
Masonry: Brick	90%			LIFE	**	5-10	\$38,800	A
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Masonry: Granite	5%			LIFE	**	5-10	\$4,400	A
Masonry: Limestone	5%			LIFE	**	5-10	\$3,800	A
Roof								
Built-Up (BUR)	60%	Now	\$75,800	2024	\$252,800			A
<i>Drains Inad/Misposn, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Over 12th Floor</i>								
Clay Tile	30%			2044	**	10	\$21,700	A
Copper/Terne	5%			2039	**	10	\$9,100	A
Roll Roofing	5%			2020	\$17,400	5	\$6,000	A

Interior

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DEPARTMENT OF CULTURAL AFFAIRS - 126
NEW YORK CITY CENTER
Asset # : 2354

Architecture		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Interior								
Floors								
Carpet	20%			2023	\$255,300	3	\$60,200	C
Carpet	10%			2025	**	3	\$30,100	C
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : At Lobby</i>								
Cast in Place Concrete	15%			LIFE	**	5	\$131,700	C
Ceramic Tile	5%			2033	**	5	\$10,000	C
Marble Panels	10%			LIFE	**	5	\$30,100	C
Marble Panels	5%			LIFE	**	5	\$15,100	C
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : At Lobby</i>								
Quarry Tile	5%			2029	**	5	\$15,100	C
Terrazzo	15%			LIFE	**	5	\$47,100	C
Vinyl Tile	15%			2024	\$308,700	3	\$15,100	C
Interior Walls								
Glazed Ceramic Panel	5%			LIFE	**	10	\$6,200	C
Gypsum Board	25%			LIFE	**	5-10	\$58,600	C
Masonry: Brick	10%			LIFE	**	10	\$4,100	C
Travertine Panels	5%			LIFE	**	10	\$2,800	C
Plaster	20%			LIFE	**	5-10	\$23,400	C
Plaster	35%			LIFE	**	5-10	\$41,000	C
Ceilings								
AcousTileSusp.Lay-In	15%			2037	**	5	\$29,600	B
Exposed Concrete	5%			LIFE	**	5-10	\$12,300	B
Gypsum Board	15%			LIFE	**	5-10	\$101,600	B
Plaster	15%			LIFE	**	5-10	\$50,800	B
Plaster	50%			LIFE	**	5-10	\$169,300	B

Electrical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2044	**	5	\$600	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : Main Service Switch Rated @ 1600 Amperes</i>								
Transformers								
Dry Type	100%			2037	**	5	\$500	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : 112 Kva And 54 Kva</i>								
Switchgear / Switchboard								
Fused Disc Sw	50%			2024	\$32,100	5	\$300	B
Fused Disc Sw	50%			2044	**	5	\$300	B

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DEPARTMENT OF CULTURAL AFFAIRS - 126
NEW YORK CITY CENTER
Asset # : 2354

Electrical	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Raceway								
Conduit	90%			2024	\$75,300	1		B
Conduit	10%			2044	**	1		B
Panelboards								
Fused Disc Sw	15%			2023	\$8,200	5	\$500	B
Molded Case Bkrs	10%			2040	**	5	\$400	B
Molded Case Bkrs	40%			2032	**	5	\$1,400	B
Molded Case Bkrs	35%			2023	\$19,100	5	\$1,200	B
Wiring								
Braided Cloth	25%	2-4	\$16,300	2049	**	1		B
<i>Insulation Aged, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
Thermoplastic	65%			2034	**	1		B
Thermoplastic	10%			2044	**	1		B
Motor Controllers								
Locally Mounted	10%			2037	**	5	\$100	B
Locally Mounted	50%			2022	\$45,600	5	\$500	B
Locally Mounted	40%			2029	**	5	\$400	B
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$4,000	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : Connected To Metal Water Pipe.</i>								
Lighting								
Interior Lighting								
Fluorescent	80%			2029	**	10	\$98,400	B
<i>T-8 Lamps, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
Fluorescent	10%			2024	\$32,100	10	\$12,300	B
<i>T-12 Lamps, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
Fluorescent	5%			2024	\$16,000	10	\$6,200	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Stairs</i>								
<i>Explanation : Compact Fluorescent Light Fixtures</i>								
Incandescent	5%			2024	\$16,000	2	\$200	B
Egress Lighting								
Emergency, Battery	50%			2024	\$29,900	10	\$16,200	B
Exit, Service	50%			2024	\$12,000	1		B
Alarm								
Security System								
No Component	70%							D
Generic	30%			2024	\$149,300	1	\$15,100	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Hallways</i>								
<i>Explanation : C C T V Surveillance Camera System</i>								

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DEPARTMENT OF CULTURAL AFFAIRS - 126
NEW YORK CITY CENTER
Asset # : 2354

Electrical	Current Repair		Future Replacement		Maintenance		Priority Code	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code

Alarm

Fire/Smoke Detection
Generic

100%	2024	\$1,704,100	1-3	\$85,300	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>					
<i>Location : Throughout The Building</i>					
<i>Explanation : Smoke Detectors, Strobe Lights, Manual Pull Stations And Alarm Bells</i>					

Mechanical	Current Repair		Future Replacement		Maintenance		Priority Code	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code

Heating

Energy Source

Utility Steam

100%	2034	**	1		B
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Conversion Equipment

Pres. Reducing Valve/LP
Steam

100%	2027	**	5	\$8,000	B
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Distribution

Steam Piping/Pump

100%	Now	\$23,000	2034	**	4	\$6,600	B
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*Leak Evident, Extent : Moderate, Area Affected : 2%**Location : Steam Header - Chiller Room*

Terminal Devices

Air Handler

80%	2019	\$709,700	1	\$66,500	B
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Convactor/Radiator

20%	2029	**	1	\$8,700	B
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Air Conditioning

Energy Source

Electricity

100%	2040	**	1		B
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Conversion Equipment

Centrifugal, Elec Chiller

50%	2037	**	1	\$72,700	B
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*R-134a Refrigerant, Extent : Light, Area Affected : 100%**Location : One Unit In Basement Chiller Room*Centrifugal, Compressor
Turbine

25%	2039	**	1	\$36,300	B
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*Other Observation, Extent : Moderate, Area Affected : 100%**Location : Basement**Explanation : 2 Units With Hcfc 123 Refrigerant*Reciprocating
Compr/Chiller

15%	2029	**	1	\$9,300	B
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*R-22 Refrigerant, Extent : Light, Area Affected : 100%**Location : Roof*

Window/Wall Unit

10%	2019	\$33,800	1		B
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Distribution

Chilled Wtr Pipe/Pump

90%	2044	**	4	\$8,900	B
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No Component

10%					D
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Terminal Devices

Air Handler/Cool/Ht

90%	2029	**	1	\$74,800	B
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No Component

10%					D
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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.

DEPARTMENT OF CULTURAL AFFAIRS - 126
NEW YORK CITY CENTER
Asset # : 2354

Mechanical	Current Repair		Future Replacement		Maintenance		Priority Code	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Air Conditioning								
Heat Rejection								
Water Cool Tower	90%			2025	**	2	\$121,500	B
No Component	10%							D
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$118,400	B
Exhaust Fans								
Interior	100%			2024	\$181,900	2	\$4,100	B
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%	0-2	\$24,600	2029	**	1		B
<i>Corroded, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Water Heater								
Electric	100%			2019	\$25,500	4	\$1,200	B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : Multiple Units</i>								
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		B
Storm Drain Piping								
Cast Iron	100%			LIFE	**	1		B
Sump Pump(s)								
Rigid Piping	100%			2019	\$11,100	4	\$2,000	B
Sewage Ejector(s)								
Electric	100%			2024	\$11,100	4	\$2,000	B
Fixtures								
Generic	100%							B
Vertical Transport								
Elevators								
Geared Traction								
	70%			LIFE	**			C
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : B-13, 1-13, Back Stage Elevator B:6th Floor, Orchestra 1st : 5th Floor</i>								
<i>Explanation : 4 Units Plus 1 Wheelchair Lift</i>								
Hydraulic								
	30%			LIFE	**			C
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement: 5th Floor</i>								
<i>Explanation : One Unit</i>								
Fire Suppression								
Standpipe								
Generic	100%			2044	**	1-5	\$67,700	B
Sprinkler								
No Component	25%							D
Generic	75%			2044	**	1-2	\$28,200	B
Fire Pump								
Generic	100%			2033	**	1	\$25,100	B

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**DEPARTMENT OF CULTURAL AFFAIRS - 126
NEW YORK CITY CENTER
Asset # : 2354**

Mechanical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Fire Suppression								
Chemical System								
No Component	80%							D
Generic	20%			2022	\$5,200	1-3	\$8,300	B
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Fire Extinguishers</i>					

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** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : NEW YORK HALL OF SCIENCE
Address : 47-01 111TH STREET
Borough : QUEENS **Agency's Number** : N/A
Program / Asset # : DCA0017.000 / 2366 **Yr Built/Renovated** : 1964 / 2010
Area Sq Ft : 153,509 **Project Type** : CULTURAL AFFAIRS
Date of Survey : 24-May-2010 **Landmark Status** : NONE
Areas Surveyed : Basement, Sub Basement, Roof, Floors 1,2
Block : 2018 **Lot** : 1 **BIN** : 4441124

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$233,000	\$315,700
Interior Architecture		\$172,800
Electrical		\$1,013,200
Mechanical	\$1,586,400	\$1,580,600
Total	\$1,819,400	\$3,082,400
Priority A	\$233,000	\$315,700
Priority B	\$1,586,400	\$2,714,000
Priority C		\$52,600
Total	\$1,819,400	\$3,082,400

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$70,400	\$18,000	\$7,700	\$4,800
Interior Architecture	\$27,200	\$5,300	\$67,600	
Electrical	\$30,800	\$21,500	\$23,700	\$20,800
Mechanical	\$82,100	\$74,800	\$105,100	\$51,600
Elevators/Escalators	\$7,900	\$7,900	\$7,900	\$7,900
Total	\$218,400	\$127,400	\$211,900	\$85,000
Priority A	\$70,400	\$18,000	\$7,700	\$4,800
Priority B	\$130,000	\$104,200	\$136,700	\$80,200
Priority C	\$18,000	\$5,300	\$67,600	
Total	\$218,400	\$127,400	\$211,900	\$85,000



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Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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DEPARTMENT OF CULTURAL AFFAIRS - 126
NEW YORK HALL OF SCIENCE
Asset # : 2366

Architecture	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Cast in Place Concrete	5%	Now	\$24,600	LIFE	**	5	\$19,100	A
<i>Loose/Delam Surface, Extent : Light, Area Affected : 5%</i>								
<i>Location : Above Loading Dock Entrance.</i>								
<i>Staining/Discoloring, Extent : Light, Area Affected : 5%</i>								
<i>Location : Adjacent To Cooling Tower.</i>								
Fiberglass Panel	30%			2030	**	5	\$86,100	A
Masonry: Brick	5%			LIFE	**	5	\$3,800	A
Masonry: Granite	2%	Now	\$10,300	LIFE	**	5	\$1,100	A
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Below Terrace At North Side</i>								
Metal Panel	2%			2047	**	5-10	\$10,500	A
Pre-Cast Concrete	2%			LIFE	**	5	\$5,000	A
Stucco Cement	5%			2038	**	5	\$9,600	A
<i>Recent Construction, Extent : Light, Area Affected : 100%</i>								
<i>Location : 2004 Addition</i>								
Window Wall	25%			2041	**	5	\$71,800	A
Under Construction	24%							D
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location : Throughout.</i>								
<i>Explanation : The Great Hall Was Scaffolded And Under Construction.</i>								
Windows								
Metal Louvers	5%			2030	**	10	\$80,000	A
No Component	95%							D
Parapets								
Masonry: Brick	15%			LIFE	**	5	\$1,200	A
Metal Panel	5%			2041	**	5	\$1,600	A
Metal Rail	30%	4+	\$10,400	2026	**	5	\$17,200	A
<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Terrace Over 1st Floor</i>								
Metal Rail	30%			2041	**	5-10	\$43,700	A
<i>Recent Construction, Extent : Light, Area Affected : 100%</i>								
<i>Location : 2004 Addition</i>								
Under Construction	20%							D
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Parapets At The Great Hall Roof.</i>								

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DEPARTMENT OF CULTURAL AFFAIRS - 126
NEW YORK HALL OF SCIENCE
Asset # : 2366

Architecture	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Roof								
Built-Up (BUR)	10%	Now	\$4,200	2026	**			A
<i>Drains Inad/Misposn, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Over Auditorium Lobby</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Over Auditorium And Auditorium Lobby; Over Technology Gallery; Around Smoke Purge Fans Over Main Entrance Rotunda.</i>								
Fiberglass Panel	20%			2030	**	1		A
Modified Bitumen	10%			2031	**	10	\$7,800	A
<i>Recent Construction, Extent : Light, Area Affected : 100%</i>								
<i>Location : 2004 Addition</i>								
Panel/Paver: Cer/Brk	30%	Now	\$154,000	2041	**			A
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Terrace Over 1st Floor</i>								
<i>Gut/DS Non Func/Miss, Extent : Moderate, Area Affected : 35%</i>								
<i>Location : Terrace Over 1st Floor</i>								
<i>Loose Units, Extent : Light, Area Affected : 2%</i>								
<i>Location : Pavers Over Central Pavillion.</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Terrace Over 1st Floor</i>								
Plaza Roof: Stone Panels	5%			2051	**			A
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : 2004 Addition</i>								
<i>Explanation : Recent Construction</i>								
Sloped Glazing	5%			LIFE	**	5	\$52,300	A
Sloped Glazing	10%	Now	\$20,900	LIFE	**	5	\$104,500	A
<i>Water Penetration, Extent : Light, Area Affected : 60%</i>								
<i>Location : Over North Wing Connector To Learning Center.</i>								
Under Construction	10%							D
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location : Exterior Facade And Roof.</i>								
<i>Explanation : The Great Hall Roof And Building Were Under Construction.</i>								
Interior								
Floors								
Carpet	50%			2020	\$706,800	3	\$180,300	C
Cast in Place Concrete	10%			LIFE	**	5	\$52,600	C
Ceramic Tile	5%			2030	**	5	\$12,000	C
Cork Tile	5%			2041	**	5	\$10,500	C
Terrazzo	5%	Now	\$9,700	LIFE	**	5	\$9,400	C
<i>Horizontal Cracks, Extent : Light, Area Affected : 100%</i>								
<i>Location : Stair Treads From First Floor North Wing To Second Floor North Wing.</i>								
Vinyl Tile	25%			2026	**	3	\$22,500	C

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DEPARTMENT OF CULTURAL AFFAIRS - 126
NEW YORK HALL OF SCIENCE
Asset # : 2366

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
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%			LIFE	**			C
Ceramic Tile	5%			2030	**	5	\$4,700	C
Fiberglass Panel	15%			LIFE	**			C
Glass: Single Pane	5%			LIFE	**	5	\$3,500	C
Gypsum Board	40%			LIFE	**	5	\$22,400	C
Plaster	15%			LIFE	**	5	\$4,200	C
Wood	5%			LIFE	**	5	\$18,700	C
Ceilings								
AcousTileSusp.Lay-In	25%			2034	**	5	\$60,100	B
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : 2004 Addition.</i>								
<i>Explanation : Replaced Within A Seven Year Period.</i>								
Exposed Concrete	5%	Now	\$9,200	LIFE	**	5	\$1,900	B
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Exhibit Shop</i>								
Exposed Struc: Steel	15%			LIFE	**			B
Gypsum Board	25%			LIFE	**	5	\$75,100	B
Metal Panel	15%			LIFE	**	5	\$45,100	B
Under Construction	15%							D
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location : Throughout.</i>								
<i>Explanation : In The Great Hall.</i>								

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
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	90%			2031	**	5	\$500	B
<i>Other Observation, Extent : Moderate, Area Affected : 90%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : One 6000 Amp. Main Service</i>								
Photovoltaic Panel(s)	10%			2034	**	1		B
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : Roof</i>								
<i>Explanation : 80 Panels Connected To Energy Grid.</i>								
Switchgear / Switchboard								
Fused Disc Sw	60%			2021		5	\$300	B
Fused Disc Sw	30%			2041	**	5	\$200	B
Molded Case Bkrs	10%			2041	**	5	\$300	B
Raceway								
Conduit	70%			2021		1		B
Conduit	30%			2041	**	1		B

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DEPARTMENT OF CULTURAL AFFAIRS - 126
NEW YORK HALL OF SCIENCE
Asset # : 2366

Electrical	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Panelboards								
Fused Disc Sw	15%			2020	\$7,600	5	\$400	B
Molded Case Bkrs	35%			2020	\$17,700	5	\$1,200	B
Molded Case Bkrs	50%			2037	**	5	\$1,700	B
Wiring								
Braided Cloth	15%	2-4	\$6,600	2046	**	1		B
<i>Insulation Aged, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Original Wing</i>								
Thermoplastic	30%			2041	**	1		B
Thermoplastic	55%			2031	**	1		B
Motor Controllers								
Locally Mounted	40%			2019	\$21,600	5	\$300	B
Locally Mounted	20%			2034	**	5	\$200	B
Motor Control Center	40%			2034	**	5	\$1,400	B
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$1,900	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Water Main Room</i>								
<i>Explanation : Water Main Pipe</i>								
Stand-by Power								
Transfer Switches								
Automatic	90%			2034	**	1	\$34,900	B
Automatic	10%			2026	**	1	\$3,900	B
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : 150 Amp. For Fire Alarm</i>								
Generators								
Diesel	100%			2024	\$49,400	1	\$48,600	B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Yard Adjacent To Building</i>								
<i>Explanation : Outdoor Unit</i>								
Batteries								
Lead/Acid	100%			2015	\$600	5	\$4,700	B
Fuel Storage								
Day Tank	50%			2029	**	5	\$14,900	B
No Component	50%							D
Lighting								

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DEPARTMENT OF CULTURAL AFFAIRS - 126
NEW YORK HALL OF SCIENCE
Asset # : 2366

Electrical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Lighting								
Interior Lighting Fluorescent	10%			2029	**	10	\$14,700	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : New Wing Areas.</i>								
<i>Explanation : Mostly T-8 And T-5</i>								
Fluorescent	48%			2021	\$322,700	10	\$70,700	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Offices</i>								
<i>Explanation : Mostly T-12</i>								
HID	2%			2021	\$13,300	10	\$100	B
Incandescent	40%			2026	**	2	\$1,400	B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Exhibits Areas.</i>								
<i>Explanation : Floodlight And Spot Light Types.</i>								
Egress Lighting								
Exit, LED	20%			2049	**	1		B
Exit, Service	30%			2021	\$8,000	1		B
Exit, Service	50%			2026	**	1		B
Exterior Lighting								
HID	100%			2021	\$52,100	10	\$400	B
Lightning Protection								
Arresters/Cabling Under Construction	100%							D
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location : Roof</i>								
<i>Explanation : Great Hall</i>								
Alarm								
Security System Generic	100%			2021	\$431,000	1	\$47,000	B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Fixed And Ptz (Pan Tilt Zoom)</i>								
Fire/Smoke Detection Generic	100%			2026	**	1-3	\$77,500	B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : Adressable Type.</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 Code
Heating								
Energy Source Natural Gas	100%			2041	**	1		B

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** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF CULTURAL AFFAIRS - 126
NEW YORK HALL OF SCIENCE
Asset # : 2366

Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Conversion Equipment								
Steam Boiler	100%			2034	**	1	\$159,300	B
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Boiler Room</i>							
	<i>Explanation : 2 Units</i>							
Distribution								
Hot Wtr Piping/Pump	20%			2029	**	4	\$1,600	B
Steam Piping/Pump	80%			2021	\$1,017,800	4	\$6,300	B
Terminal Devices								
Air Handler	45%			2016	\$442,100	1	\$44,800	B
	<i>On Extended Life, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Fan Rooms</i>							
Air Handler	40%			2026	**	1	\$39,800	B
Convactor/Radiator	15%			2026	**	1	\$7,800	B
Air Conditioning								
Energy Source								
Electricity	100%			2037	**	1		B
Conversion Equipment								
Reciprocating Compr/Chiller	66%			2016	\$408,200	1	\$49,200	B
	<i>R-22 Refrigerant, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Boiler Room</i>							
Reciprocating Compr/Chiller	34%			2026	**	1	\$25,300	B
	<i>R-134a Refrigerant, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Boiler Room</i>							
Distribution								
Chilled Wtr Pipe/Pump	100%			2031	**	4	\$11,900	B
Terminal Devices								
Air Handler/Cool/Ht	60%			2016	\$464,400	1	\$59,700	B
	<i>On Extended Life, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Fan Rooms</i>							
Air Handler/Cool/Ht	40%			2026	**	1	\$39,800	B
Heat Rejection								
Water Cool Tower	100%	Now	\$52,300	2022	\$523,000	2	\$129,300	B
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Cooling Tower</i>							
	<i>Explanation : One Cell Has Bad Motor</i>							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$89,600	B
Exhaust Fans								
Interior	90%			2016	\$181,300	2	\$4,500	B
Roof	10%			2021	\$14,500	2	\$500	B
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2031	**	1		B

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF CULTURAL AFFAIRS - 126
NEW YORK HALL OF SCIENCE
Asset # : 2366

Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Plumbing								
Water Heater								
Electric	10%			2016	\$2,800	4	\$100	B
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Various</i>						
		<i>Explanation : Several Small Electric Units</i>						
Gas Fired	90%			2016	\$38,200	2	\$2,200	B
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Boiler Room</i>						
		<i>Explanation : 100 Gallons</i>						
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		B
Storm Drain Piping								
Cast Iron	100%	Now	\$25,400	LIFE	**	1		B
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Roof</i>						
		<i>Explanation : Roof Drains Leaking At Various Locations</i>						
Sump Pump(s)								
Rigid Piping	100%			2021	\$10,300	4	\$1,300	B
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Basement</i>						
		<i>Explanation : Duplex Units</i>						
Sewage Ejector(s)								
Electric	100%			2026	**	4	\$1,300	B
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Basement</i>						
		<i>Explanation : Duplex Units</i>						
Backflow Preventer								
Generic	100%			2026	**	1	\$9,900	B
Fixtures								
Generic	100%							B
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	**			C
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : B To 2</i>						
		<i>Explanation : Two Units, One Out Of Service</i>						
Fire Suppression								
Standpipe								
Generic	100%			2041	**	1-5	\$81,100	B
Sprinkler								
Generic	100%			2041	**	1-2	\$45,100	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.

Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : NEW YORK PUBLIC THEATRE
Address : 425 LAFAYETTE ST. (NEAR ASTOR PL.)
Borough : MANHATTAN **Agency's Number** : N/A
Program / Asset # : DCA0019.000 / 2378 **Yr Built/Renovated** : 1854 / 2012
Area Sq Ft : 87,873 **Project Type** : CULTURAL AFFAIRS
Date of Survey : 24-Jul-2013 **Landmark Status** : EXTERIOR LANDMARK
Areas Surveyed : Basement, Roof, Floors 1,1m,2,3
Block : 544 **Lot** : 16 **BIN** : 1008774

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$119,800	\$185,700
Interior Architecture	\$243,600	\$548,000
Electrical		\$1,135,600
Mechanical		\$583,400
Total	\$363,400	\$2,452,600
Priority A	\$119,800	\$185,700
Priority B	\$68,900	\$1,758,300
Priority C	\$174,700	\$508,600
Total	\$363,400	\$2,452,600

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$77,100	\$2,700	\$1,500	
Interior Architecture	\$96,500		\$18,000	\$7,400
Electrical	\$28,200	\$11,400	\$12,100	\$15,200
Mechanical	\$35,900	\$28,200	\$17,200	\$27,900
Elevators/Escalators	\$7,900	\$7,900	\$7,900	\$7,900
Total	\$245,700	\$50,200	\$56,700	\$58,400
Priority A	\$77,100	\$2,700	\$1,500	
Priority B	\$99,600	\$47,400	\$42,400	\$51,000
Priority C	\$69,000		\$12,800	\$7,400
Total	\$245,700	\$50,200	\$56,700	\$58,400



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF CULTURAL AFFAIRS - 126
NEW YORK PUBLIC THEATRE
Asset # : 2378

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	40%			LIFE	**	5	\$87,700	A
		<i>Recent Repair Evident, Extent : Light, Area Affected : 25%</i>						
		<i>Location : Throughout</i>						
Masonry: Brick	28%			LIFE	**	5	\$61,400	A
		<i>Recent Repair Evident, Extent : Light, Area Affected : 25%</i>						
		<i>Location : Throughout</i>						
Masonry: Brownstone	25%			LIFE	**	5	\$41,100	A
		<i>Recent Repair Evident, Extent : Light, Area Affected : 25%</i>						
		<i>Location : Throughout</i>						
Metal Panel	5%			2050	**	5-10	\$37,700	A
Stucco Cement	2%			2041	**	5	\$5,500	A
Windows								
Aluminum	25%			2032	**	5	\$3,000	A
Wood	75%			2040	**	5	\$90,400	A
Parapets								
Masonry: Brick	75%			LIFE	**	5-10	\$39,900	A
		<i>Recent Repair Evident, Extent : Light, Area Affected : 25%</i>						
		<i>Location : Throughout</i>						
Masonry: Brownstone	15%			LIFE	**	5-10	\$15,000	A
		<i>Recent Repair Evident, Extent : Light, Area Affected : 25%</i>						
		<i>Location : Throughout</i>						
Metal Cornice	5%			2039	**	10	\$1,300	A
Metal Rail	5%			2029	**	5-10	\$7,000	A
Roof								
Single Ply Membrane	100%			2029	**	10	\$65,900	A
Interior								
Floors								
Carpet	20%			2023		3	\$32,300	C
Ceramic Tile	5%			2033	**	5	\$5,400	C
Granite Panels	10%			LIFE	**	5	\$16,100	C
		<i>Recent Installation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Lobby</i>						
Terrazzo	10%			LIFE	**	5	\$16,800	C
Vinyl Tile	35%			2024		3	\$18,800	C
Vinyl Tile	15%			2032	**	3	\$6,100	C
Wood	5%			2059	**	5	\$10,100	C
Interior Walls								
Gypsum Board	10%			LIFE	**	5-10	\$50,800	C
		<i>Recent Installation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Lobby And New Mezzanine</i>						
Masonry: Brick	10%			LIFE	**	10	\$9,000	C
Marble Panels	5%			LIFE	**	10	\$6,000	C
Plaster	65%			LIFE	**	5-10	\$165,000	C
Plaster	5%			LIFE	**	5-10	\$12,700	C
Wood	5%			LIFE	**	5	\$119,500	C

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF CULTURAL AFFAIRS - 126
NEW YORK PUBLIC THEATRE
Asset # : 2378

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Interior								
Ceilings								
AcousTileSusp.Lay-In	10%			2037	**	5	\$10,500	B
Exposed Struc: Steel	5%			LIFE	**	10	\$10,500	B
Glass: Susp Panels	15%			LIFE	**	10	\$11,800	B
Masonry: Vault Struct	10%			LIFE	**	10	\$5,200	B
Plaster	35%			LIFE	**	5-10	\$63,100	B
Plaster	15%			LIFE	**	5-10	\$27,100	B
Plaster	10%			LIFE	**	5-10	\$18,000	B
<i>Recent Repair Evident, Extent : Light, Area Affected : 25%</i>								
<i>Location : At Lobby</i>								

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2024	\$2,800	5	\$200	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room #1</i>								
<i>Explanation : Main Service Switch Rated @ 3000 Amperes</i>								
Fused Disc Sw	50%			2050	**	5	\$200	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room #2</i>								
<i>Explanation : Main Service Switch Rated @ 4000 Amperes</i>								
Transformers								
Dry Type	100%			2041	**	5	\$300	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room #2</i>								
<i>Explanation : 2- 500 Kva, 208/480v</i>								
Switchgear / Switchboard								
Fused Disc Sw	50%			2024	\$16,000	5	\$200	B
Fused Disc Sw	50%			2050	**	5	\$200	B
Raceway								
Conduit	70%			2024	\$27,800	1		B
Conduit	30%			2050	**	1		B
Panelboards								
Fused Disc Sw	15%			2046	**	5	\$300	B
Molded Case Bkrs	40%			2046	**	5	\$800	B
Molded Case Bkrs	45%			2032	**	5	\$900	B
Wiring								
Braided Cloth	25%	2-4	\$7,400	2049	**	1		B
<i>Insulation Aged, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Thermoplastic	30%			2050	**	1		B
Thermoplastic	45%			2034	**	1		B

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF CULTURAL AFFAIRS - 126
NEW YORK PUBLIC THEATRE
Asset # : 2378

Electrical	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Motor Controllers								
Locally Mounted	70%			2041	**	5	\$300	B
Locally Mounted	30%			2022	\$12,300	5	\$100	B
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$2,100	B
Stand-by Power								
Transfer Switches								
Automatic	50%			2041	**	1	\$11,100	B
Automatic	50%			2022	\$5,800	1	\$11,100	B
Generators								
Diesel	100%			2020	\$78,900	1	\$27,800	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Generator Room</i>								
<i>Explanation : Emergency Generator Rated @ 75 Kva</i>								
Batteries								
Lead/Acid	100%			2017	\$700	5	\$2,700	B
Fuel Storage								
Day Tank	50%			2023	\$3,200	5	\$6,700	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Generator Room</i>								
<i>Explanation : No Nameplate Rating Capacity</i>								
Main Tank	50%			2027	**	5	\$1,100	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : 250 Gallons Capacity</i>								
Lighting								
Interior Lighting								
Fluorescent	10%			2019	\$17,200	10	\$6,600	B
<i>T-12 Lamps, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
Fluorescent	20%			2032	**	10	\$13,200	B
<i>T-8 Lamps, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
Fluorescent	10%			2032	**	10	\$6,600	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Hallways</i>								
<i>Explanation : Compact Fluorescent Lights</i>								
HID	10%			2024	\$4,800	10	\$200	B
Incandescent	50%			2024	\$86,000	2	\$800	B
Egress Lighting								
Emergency, Service	40%			2024	\$5,100	1		B
Emergency, Battery	10%			2024	\$3,200	10	\$1,700	B
Exit, LED	50%			2052	**	1		B
Exterior Lighting								
HID	100%			2029	**	10	\$200	B

Alarm

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

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DEPARTMENT OF CULTURAL AFFAIRS - 126
NEW YORK PUBLIC THEATRE
Asset # : 2378

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Alarm								
Security System								
No Component	50%							D
Generic	50%			2032	**	1	\$13,500	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Lobby And Hallways</i>								
<i>Explanation : C C T V Surveillance Cameras</i>								
Fire/Smoke Detection								
Generic	100%			2024	\$913,400	1-3	\$45,700	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : Strobe Lights, Manual Pull Station, Horns And Smoke Detectors</i>								
Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating								
Energy Source								
Natural Gas	100%			2054	**	1		B
<i>Recent Installation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : Gas Service Has Not Yet Been Connected To The Building At The Time Of Survey</i>								
Conversion Equipment								
Furnace	60%			2032	**	1	\$21,400	B
<i>Other Observation, Extent : Light, Area Affected : 60%</i>								
<i>Location : Roof</i>								
<i>Explanation : 3 Roof Top Package Units</i>								
Steam Boiler	40%			2037	**	1	\$28,500	B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : 1 Unit - There Is A Heat Exchanger For 10% Hot Water Heating Devices</i>								
Distribution								
Hot Wtr Piping/Pump	10%			2032	**	4	\$500	B
Steam Piping/Pump	30%			2024	\$184,700	4	\$1,600	B
<i>Steam Traps Faulty, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Various Locations</i>								
No Component	60%							D
Terminal Devices								
Air Handler	30%			2032	**	1	\$13,400	B
Convactor/Radiator	10%			2022	\$83,300	1	\$2,300	B
No Component	60%							D
Air Conditioning								
Energy Source								
Electricity	100%			2040	**	1		B

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Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF CULTURAL AFFAIRS - 126
NEW YORK PUBLIC THEATRE
Asset # : 2378

Mechanical	Current Repair		Future Replacement		Maintenance		Priority Code	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)		Estimated Cost
Air Conditioning								
Conversion Equipment								
Reciprocating Compr/Chiller	25%			2019	\$74,800	1	\$8,300	B
	<i>R-22 Refrigerant, Extent : Light, Area Affected : 25%</i>							
	<i>Location : Basement</i>							
Ext Pkg Unit - Heating/Cooling	75%			2032	**	2	\$3,300	B
	<i>R-134a Refrigerant, Extent : Light, Area Affected : 75%</i>							
	<i>Location : Roof</i>							
Distribution								
Chilled Wtr Pipe/Pump	25%			2034	**	4	\$900	B
No Component	75%							D
Terminal Devices								
Air Handler/Cool/Ht	25%			2032	**	1	\$11,100	B
No Component	75%							D
Heat Rejection								
Remote Air Cond	25%			2024	\$131,700	2	\$12,500	B
Water Cool Tower	75%			2028	**	2	\$54,300	B
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$63,500	B
Exhaust Fans								
Interior	20%			2032	**	2	\$400	B
Roof	80%			2024	\$56,100	2	\$1,800	B
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2044	**	1		B
Galv Iron/Steel	20%			2022	\$52,700	1		B
Water Heater								
Electric	100%			2023	\$13,700	4	\$600	B
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		B
Storm Drain Piping								
Cast Iron	100%			LIFE	**	1		B
Sump Pump(s)								
Rigid Piping	100%			2019	\$11,100	4	\$2,000	B
Backflow Preventer								
Generic	100%			2032	**	1	\$4,400	B
Fixtures								
Generic	100%							B
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	**			C
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : B, 1, 1m, 2, 2m, 3</i>							
	<i>Explanation : 2 Units</i>							
Fire Suppression								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF CULTURAL AFFAIRS - 126
NEW YORK PUBLIC THEATRE
Asset # : 2378

Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Fire Suppression Sprinkler								
Generic	100%			2034	* *	1-2	\$20,200	B
Fire Pump								
Generic	100%			2027	* *	1	\$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.*

Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : NEW YORK PUBLIC THEATRE DELACORTE SERVICE SHED
Address : CENTRAL PARK 79TH ST. & WEST DRIVE
Borough : MANHATTAN **Agency's Number** : M010-156
Program / Asset # : DCA0019.020 / 2971 **Yr Built/Renovated** : 1980 / 1991
Area Sq Ft : 1,250 **Project Type** : CULTURAL AFFAIRS
Date of Survey : 24-Jul-2013 **Landmark Status** : HISTORICAL LANDMARK DISTRICT
Areas Surveyed : Roof, Floors 1
Block : 1111 **Lot** : 1 **BIN** : 1083810

CAPITAL

Total
 Priority
Total

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture			\$400	
Interior Architecture	\$6,400			\$100
Electrical			\$100	
Mechanical	\$400		\$200	
Total	\$6,900	\$100	\$600	\$200
Priority A			\$400	
Priority B	\$3,500	\$100	\$200	\$100
Priority C	\$3,400			\$100
Total	\$6,900	\$100	\$600	\$200



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
 Estimates are rounded to the nearest hundred dollars.
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
 ** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF CULTURAL AFFAIRS - 126
NEW YORK PUBLIC THEATRE DELACORTE SERVICE SHED

Asset # : 2971

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Metal Panel	100%			2034	**	5-10	\$11,000	A
Windows								
Aluminum	50%			2032	**	5	\$100	A
Metal Louvers	50%			2027	**	10	\$400	A
Roof								
Metal Panel	100%			2029	**	10	\$5,800	A
Interior								
Floors								
Cast in Place Concrete	95%			LIFE	**	5	\$6,500	C
Ceramic Tile	5%			2033	**	5	\$100	C
Interior Walls								
Ceramic Tile	10%			2033	**	5	\$100	C
Gypsum Board	10%			LIFE	**	5-10	\$200	C
No Component	80%							D
Ceilings								
Exposed Struc: Steel	100%			LIFE	**	10	\$3,000	B
Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Raceway								
Conduit	100%			2034	**	1		B
Panelboards								
Molded Case Bkrs	100%			2032	**	5		B
Wiring								
Thermoplastic	100%			2034	**	1		B
Lighting								
Interior Lighting								
Fluorescent	95%			2024	\$2,400	10	\$900	B
		<i>T-8 Lamps, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Throughout The Building</i>						
Incandescent	5%			2024	\$100	2		B
Egress Lighting								
Exit, Service	100%			2029	**	1		B
Exterior Lighting								
Incandescent	100%			2024	\$200	2		B
Alarm								
Security System								
Generic	100%			2024	\$3,800	1	\$400	B
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Throughout The Building</i>						
		<i>Explanation : C C T V Surveillance Cameras</i>						

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF CULTURAL AFFAIRS - 126
NEW YORK PUBLIC THEATRE DELACORTE SERVICE SHED

Asset # : 2971

Mechanical System Component Type	Current Repair		Future Replacement		Maintenance		Priority Code
	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	
Heating							
Energy Source							
Electricity	100%			2034	* *	1	
Conversion Equipment							
Heat Pump	100%			2025	* *	2	\$300
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
		<i>Location : 1st Floor</i>					
		<i>Explanation : 2 Units</i>					
Air Conditioning							
Energy Source							
Electricity	100%			2032	* *	1	
Conversion Equipment							
Split Unit	70%			2029	* *		
		<i>Other Observation, Extent : Light, Area Affected : 70%</i>					
		<i>Location : Various Locations</i>					
		<i>Explanation : 2 Units</i>					
Window/Wall Unit	30%			2019	\$800	1	
Terminal Devices							
Fan Coil - Cool/Heat	70%			2029	* *	1	\$200
No Component	30%						
Ventilation							
Distribution							
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$900
Exhaust Fans							
Roof	100%			2024	\$1,000	2	
Plumbing							
H/C Water Piping							
Brass/Copper	100%			2034	* *	1	
Water Heater							
Electric	100%			2023	\$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 : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : NEW YORK PUBLIC THEATRE DELACORTE THEATRE - 1900 SEATS
Address : CENTRAL PARK 79TH ST. & WEST DRIVE
Borough : MANHATTAN **Agency's Number** : M010-256D
Program / Asset # : DCA0019.010 / 2590 **Yr Built/Renovated** : 1960 / 1992
Area Sq Ft : 37,500 **Project Type** : CULTURAL AFFAIRS
Date of Survey : 24-Jul-2013 **Landmark Status** : HISTORICAL LANDMARK DISTRICT
Areas Surveyed : Roof, Floors 1
Block : 1111 **Lot** : 1 **BIN** : 1083810

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Exterior Architecture		\$95,300
Electrical		\$186,000
Total		\$281,300
Priority A		\$95,300
Priority B		\$186,000
Total		\$281,300

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$11,900		\$400	
Interior Architecture	\$32,900			
Electrical	\$1,200	\$1,200	\$1,400	\$1,400
Mechanical	\$900	\$400	\$400	\$400
Total	\$46,900	\$1,600	\$2,100	\$1,800
Priority A	\$11,900		\$400	
Priority B	\$16,900	\$1,600	\$1,700	\$1,800
Priority C	\$18,100			
Total	\$46,900	\$1,600	\$2,100	\$1,800



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF CULTURAL AFFAIRS - 126
NEW YORK PUBLIC THEATRE DELACORTE THEATRE - 1900 SEATS

Asset # : 2590

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Concrete Masonry Unit	50%			LIFE	**	5	\$23,800	A
Wood	50%			2029	**	5	\$95,300	A
Parapets								
Metal Rail	5%			2037	**	5-10	\$600	A
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Over Control Booth</i>								
<i>Explanation : Pipe Railing</i>								
No Component	95%							D
Roof								
Single Ply Membrane	25%			2024	\$6,000	10	\$1,600	A
<i>Recent Repair Evident, Extent : Light, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
No Component	75%							D
Interior								
Floors								
Cast in Place Concrete	20%			LIFE	**	5	\$29,000	C
Wood	80%			2039	**	5	\$49,700	C
<i>Other Observation, Extent : Moderate, Area Affected : 80%</i>								
<i>Location : Outdoor Seating Area</i>								
<i>Explanation : This Floor Is Actually Outdoor Seating Area</i>								
Interior Walls								
Cast in Place Concrete	10%			LIFE	**	10	\$1,400	C
Concrete Masonry Unit	85%			LIFE	**	5	\$3,900	C
Gypsum Board	5%			LIFE	**	5-10	\$500	C
Ceilings								
Exposed Struc: Steel	25%			LIFE	**	10	\$14,800	B
No Component	75%							D

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Over 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2024	\$36,100	3	\$100	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : No Available Nameplate Ratings</i>								
Transformers								
Dry Type	100%			2022	\$36,000	3	\$200	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : 500 Kva, 4160/208/120 Volts</i>								
Feeders								
Cable	100%			2023	\$1,100	1		B

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF CULTURAL AFFAIRS - 126
NEW YORK PUBLIC THEATRE DELACORTE THEATRE - 1900 SEATS

Asset # : 2590

Electrical	Current Repair		Future Replacement		Maintenance		Priority Code	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Over 600 Volts								
Raceway								
Conduit	100%			2024	\$3,800	1		B
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2024	\$1,700	5	\$100	B
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Electrical Room</i>						
		<i>Explanation : Main Service Switch Rated @ 2000 Amperes</i>						
Switchgear / Switchboard								
Fused Disc Sw	50%			2024	\$10,700	5	\$100	B
Molded Case Bkrs	50%			2034	* *	5	\$400	B
Raceway								
Conduit	80%			2024	\$18,600	1		B
Conduit	20%			2034	* *	1		B
Panelboards								
Molded Case Bkrs	50%			2032	* *	5	\$400	B
Molded Case Bkrs	50%			2023	\$9,100	5	\$400	B
Wiring								
Thermoplastic	100%			2034	* *	1		B
Ground								
Grounding Devices								
Not Accessible	100%							D
Lighting								
Interior Lighting								
Fluorescent	10%			2024	\$5,300	10	\$2,000	B
		<i>T-8 Lamps, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Dining Room</i>						
Fluorescent	10%			2024	\$5,300	10	\$2,000	B
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Throughout The Building</i>						
		<i>Explanation : Compact Fluorescent Lamps</i>						
HID	70%			2024	\$10,300	10	\$500	B
Incandescent	10%			2024	\$5,300	2	\$100	B
Egress Lighting								
Emergency, Battery	50%			2024	\$4,900	10	\$2,700	B
Exit, Service	50%			2024	\$2,000	1		B
Exterior Lighting								
HID	100%			2024	\$2,000	10	\$100	B
Alarm								
Security System								
Generic	100%			2024	\$113,900	1	\$11,500	B
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Throughout The Building</i>						
		<i>Explanation : C C T V Surveillance Cameras</i>						

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF CULTURAL AFFAIRS - 126
NEW YORK PUBLIC THEATRE DELACORTE THEATRE - 1900 SEATS

Asset # : 2590

Mechanical	Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	
Heating							
Energy Source							
Electricity	100%			2034	* *	1	B
Conversion Equipment							
Heat Pump	10%			2022	\$24,400	2	\$700 B
	<i>Other Observation, Extent : Light, Area Affected : 10%</i>						
	<i>Location : Various Areas</i>						
	<i>Explanation : 5 Units</i>						
No Component	90%						D
Terminal Devices							
Air Handler	10%			2024	\$1,500	1	\$1,400 B
No Component	90%						D
Air Conditioning							
Energy Source							
Electricity	100%			2032	* *	1	B
Conversion Equipment							
Split Unit	10%			2024	\$12,500		B
Window/Wall Unit	5%			2019	\$2,800	1	B
No Component	85%						D
Terminal Devices							
Fan Coil - Cool/Heat	10%			2024	\$7,700	1	\$700 B
No Component	90%						D
Ventilation							
Distribution							
Ductwork/Diffusers	10%			LIFE	* *	2-5	\$2,000 B
No Component	90%						D
Exhaust Fans							
Interior	10%			2024	\$3,000	2	\$100 B
No Component	90%						D
Plumbing							
H/C Water Piping							
Brass/Copper	20%			2034	* *	1	B
No Component	80%						D
Water Heater							
Electric	20%			2022	\$800	4	B
No Component	80%						D
Sanitary Piping							
Cast Iron	20%			LIFE	* *	1	B
No Component	80%						D
Fixtures							
Generic	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.

Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : NY AQUARIUM DISCOVERY COVE
Address : BOARDWALK & W.8TH ST. SURF AVENUE & W. 8TH ST.
Borough : BROOKLYN **Agency's Number** : N/A
Program / Asset # : DCA0009.100 / 2365 **Yr Built/Renovated** : 1985 / 2001
Area Sq Ft : 26,000 **Project Type** : CULTURAL AFFAIRS
Date of Survey : 08-Apr-2009 **Landmark Status** : NONE
Areas Surveyed : Roof, Floors 1,2
Block : 8698 **Lot** : 1 **BIN** : 3245160

CAPITAL		FY 2015 - 2018	FY 2019 - 2024
Interior Architecture			\$136,800
Electrical			\$114,500
Mechanical			\$71,800
Total			\$323,200
Priority B			\$186,400
Priority C			\$136,800
Total			\$323,200

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$47,600	\$400		\$11,800
Interior Architecture	\$7,000	\$14,200		\$7,000
Electrical	\$2,700	\$1,500	\$1,500	\$1,800
Mechanical	\$1,700	\$2,300	\$7,100	\$6,300
Total	\$59,000	\$18,400	\$8,500	\$26,900
Priority A	\$47,600	\$400		\$11,800
Priority B	\$4,400	\$3,800	\$8,500	\$13,100
Priority C	\$7,000	\$14,200		\$2,000
Total	\$59,000	\$18,400	\$8,500	\$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.

DEPARTMENT OF CULTURAL AFFAIRS - 126
NY AQUARIUM DISCOVERY COVE
Asset # : 2365

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Concrete Masonry Unit	20%			LIFE	**	5	\$7,700	A
Concrete Masonry Unit	15%			LIFE	**	5	\$5,800	A
Masonry: Brick	50%			LIFE	**	5	\$30,900	A
Pre-Cast Concrete	5%			LIFE	**	5	\$10,000	A
Window Wall	10%			2040	**	5	\$23,200	A
Windows								
Aluminum	100%			2036	**	5	\$800	A
Parapets								
Concrete Masonry Unit	20%			LIFE	**	5	\$1,800	A
Concrete Masonry Unit	15%			LIFE	**	5	\$1,300	A
Masonry: Brick	35%			LIFE	**	5	\$2,800	A
Metal Panel	20%			2040	**	5	\$6,100	A
Pre-Cast Concrete	10%			LIFE	**	5	\$4,900	A
Roof								
Built-Up (BUR)	60%			2025	**	10	\$28,200	A
Built-Up (BUR)	25%			2028	**	10	\$11,800	A
Metal Panel	5%			2033	**	10	\$4,300	A
Modified Bitumen	10%			2025	**	10	\$4,700	A
Interior								
Floors								
Carpet	10%			2021			\$8,000	C
Carpet	35%			2019			\$21,100	C
Cast in Place Concrete	5%			LIFE	**	5	\$4,400	C
Ceramic Tile	5%			2029	**	5	\$2,000	C
Panel/Paver: Cer/Brk	10%			2036	**	5	\$9,000	C
Traffic Topping	20%			2025	**	5	\$10,000	C
Vinyl Tile	15%			2025	**	3	\$2,300	C
Interior Walls								
Concrete Masonry Unit	15%			LIFE	**	5	\$1,500	C
Concrete Masonry Unit	30%			LIFE	**	5	\$3,000	C
Fabric on Framing	30%			2021			\$3,700	C
Gypsum Board	20%			LIFE	**	5	\$3,000	C
Wood	5%			LIFE	**	5	\$5,000	C
Ceilings								
AcousTileSusp.Lay-In	25%			2033	**	5	\$10,000	B
Exposed Concrete	25%			LIFE	**	5	\$1,600	B
Exposed Struc: Steel	15%			LIFE	**			B
Exposed Struc: Steel	15%			LIFE	**			B
Gypsum Board	5%			LIFE	**	5	\$2,500	B
Metal Panel	15%			LIFE	**	5	\$7,500	B

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	

Under 600 Volts

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF CULTURAL AFFAIRS - 126
NY AQUARIUM DISCOVERY COVE
Asset # : 2365

Electrical	Current Repair		Future Replacement		Maintenance		Priority Code	
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%			2030	**	5	\$100	B
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Electrical Room</i>							
	<i>Explanation : Main Service Protector Rated @ 800a.</i>							
<hr/>								
Transformers								
Dry Type	100%			2025	**	5	\$100	B
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Electrical Room</i>							
	<i>Explanation : 300kva</i>							
<hr/>								
Switchgear / Switchboard								
Fused Disc Sw	100%			2030	**	5	\$100	B
<hr/>								
Raceway								
Conduit	100%			2030	**	1		B
<hr/>								
Panelboards								
Molded Case Bkrs	100%			2028	**	5	\$600	B
<hr/>								
Wiring								
Thermoplastic	100%			2030	**	1		B
<hr/>								
Motor Controllers								
Locally Mounted	100%			2025	**	5	\$100	B
<hr/>								
Ground								
Grounding Devices								
Not Accessible	100%							D
<hr/>								
Stand-by Power								
Transfer Switches								
Automatic	100%			2025	**	1	\$6,600	B
<hr/>								
Generators								
Natural Gas	100%			2023	\$73,000	1	\$8,200	B
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Roof</i>							
	<i>Explanation : No Available Ratings</i>							
<hr/>								
Batteries								
Lead/Acid	100%			2015	\$600	5	\$800	B
<hr/>								
Lighting								
Interior Lighting								
Fluorescent	70%			2020	\$41,600	10	\$17,200	B
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Throughout The Building</i>							
	<i>Explanation : T-12 Lamps</i>							
<hr/>								
HID	2%			2020	\$300	10		B
Incandescent	28%			2020	\$16,600	2	\$200	B
<hr/>								
Egress Lighting								
Exit, Service	100%			2020	\$4,400	1		B

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF CULTURAL AFFAIRS - 126
NY AQUARIUM DISCOVERY COVE
Asset # : 2365

Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Electricity	20%			2040	**	1		B
Natural Gas	80%			2040	**	1		B
Conversion Equipment								
Furnace	40%			2025	**	1	\$5,300	B
<i>Other Observation, Extent : Light, Area Affected : 40%</i>								
<i>Location : Roof</i>								
<i>Explanation : 2 Units</i>								
Hot Water Boiler	20%			2033	**	1	\$2,700	B
<i>Other Observation, Extent : Light, Area Affected : 20%</i>								
<i>Location : Boiler Room</i>								
<i>Explanation : 1 Unit</i>								
No Component	40%							D
Distribution								
Hot Wtr Piping/Pump	20%			2036	**	4	\$400	B
No Component	80%							D
Terminal Devices								
Convactor/Radiator	20%			2033	**	1	\$1,700	B
Fan Coil Unit/Heat	40%			2025	**	1	\$3,500	B
<i>Other Observation, Extent : Light, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Gas And Electric Unit Heaters</i>								
No Component	40%							D
Air Conditioning								
Energy Source								
Electricity	100%			2036	**	1		B
Conversion Equipment								
Ext Pkg Unit - Cooling	100%			2025	**	2	\$1,700	B
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$15,000	B
Exhaust Fans								
Interior	40%			2020		2	\$300	B
Roof	50%			2020		2	\$400	B
Wall Unit	10%			2020		2	\$100	B
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2025	**	1		B
Water Heater								
Electric	100%			2018		4	\$200	B
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		B
Storm Drain Piping								
Cast Iron	100%			LIFE	**	1		B
Sump Pump(s)								
Rigid Piping	100%			2020		4	\$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.

**DEPARTMENT OF CULTURAL AFFAIRS - 126
 NY AQUARIUM DISCOVERY COVE
 Asset # : 2365**

Mechanical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Plumbing								
Pool Filter/Treatment								
Sand	100%			2033	* *	4	\$6,700	B
Fixtures								
Generic	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.*

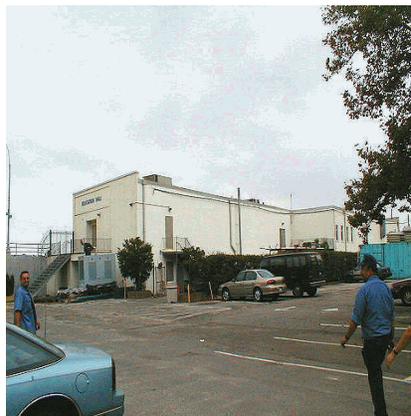
Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : NY AQUARIUM EDUCATION/MAINT.
 Address : BOARDWALK & W.8TH ST. SURF AVENUE & W. 8TH ST.
 Borough : BROOKLYN Agency's Number : N/A
 Program / Asset # : DCA0009.000 / 2355 Yr Built/Renovated : 1950 / 2004
 Area Sq Ft : 11,800 Project Type : CULTURAL AFFAIRS
 Date of Survey : 06-Apr-2009 Landmark Status : NONE
 Areas Surveyed : Basement, Roof, Floors 1,2
 Block : 8698 Lot : 1 BIN : 3245160

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Exterior Architecture		\$202,100
Interior Architecture		\$126,400
Electrical		\$115,800
Mechanical	\$113,100	\$164,400
Total	\$113,100	\$608,700
Priority A		\$202,100
Priority B	\$113,100	\$280,200
Priority C		\$126,400
Total	\$113,100	\$608,700

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$57,500	\$200		\$400
Interior Architecture	\$57,400	\$4,900		\$7,100
Electrical	\$200	\$100		
Mechanical	\$1,700	\$1,900	\$3,200	\$5,300
Total	\$116,700	\$7,100	\$3,200	\$12,800
Priority A	\$57,500	\$200		\$400
Priority B	\$39,000	\$2,000	\$3,200	\$6,800
Priority C	\$20,200	\$4,900		\$5,600
Total	\$116,700	\$7,100	\$3,200	\$12,800



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF CULTURAL AFFAIRS - 126
NY AQUARIUM EDUCATION/MAINT.**

Asset # : 2355

Architecture	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	40%			LIFE	**	5	\$8,700	A
Metal Sect. OHD	10%			2025	**	5	\$6,800	A
Stucco Cement	50%	Now	\$33,900	2033	**	5	\$13,500	A
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Above Warehouse Door</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Above Warehouse Door</i>								
<hr/>								
Windows								
Aluminum	100%			2036	**	5	\$400	A
<hr/>								
Parapets								
Masonry: Brick	30%			LIFE	**	5	\$100	A
Stucco Cement	70%			2033	**	5	\$800	A
<hr/>								
Roof								
Modified Bitumen	100%	Now	\$20,200	2020	\$202,100			A
<i>Gut/DS Non Func/Miss, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : North Facade</i>								
<hr/>								
Interior								
Floors								
Carpet	30%			2019	\$52,800	3	\$13,500	C
Cast in Place Concrete	35%			LIFE	**	5	\$22,900	C
Ceramic Tile	5%			2029	**	5	\$1,500	C
Vinyl Tile	10%			2025	**	3	\$1,100	C
Wood	20%			2023	\$126,400	5	\$11,200	C
<hr/>								
Interior Walls								
Concrete Masonry Unit	30%	Now	\$17,300	LIFE	**	5	\$1,800	C
<i>Other Observation, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Weight Room Doorway</i>								
<i>Explanation : Corroded Steel Lintel</i>								
Gypsum Board	35%			LIFE	**	5	\$3,200	C
Masonry: Brick	10%			LIFE	**			C
Metal Panel	5%	Now	\$2,900	LIFE	**			C
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Storage Area</i>								
<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Storage Area</i>								
<hr/>								
Plywood/Hardboard	10%			LIFE	**			C
Wood	10%			LIFE	**	5	\$6,100	C

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF CULTURAL AFFAIRS - 126
NY AQUARIUM EDUCATION/MAINT.
Asset # : 2355

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
Ceilings								
AcousTileSusp.Lay-In	25%			2025	**	5	\$3,700	B
AcousTileSusp.Lay-In	20%			2033	**	5	\$3,000	B
Embossed Metal	20%	Now	\$9,500	LIFE	**	5	\$1,300	B
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Storage Area</i>								
<i>Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Storage Area</i>								
Exposed Concrete	15%	Now	\$25,900	LIFE	**	5	\$400	B
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 15%</i>								
<i>Location : Under Storage Area</i>								
<i>Exposed Reinforcement, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Concrete Beams Under Storage Area</i>								
Exposed Concrete	20%			LIFE	**	5	\$500	B

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
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%			2040	**	5		B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : Main Service Protector Rated @ 400 A.</i>								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2040	**	5	\$300	B
Raceway								
Conduit	50%			2040	**	1		B
Conduit	50%			2020	\$4,700	1		B
Panelboards								
Molded Case Bkrs	90%			2036	**	5	\$200	B
Molded Case Bkrs	10%			2019	\$2,200	5		B
Wiring								
Thermoplastic	100%			2040	**	1		B
Ground								
Grounding Devices								
Not Accessible	100%							D
Lighting								
Interior Lighting								
Fluorescent	98%			2020	\$115,800	10	\$18,000	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : T-12 Lamps</i>								
HID	2%			2020	\$1,700	10		B

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

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** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF CULTURAL AFFAIRS - 126
NY AQUARIUM EDUCATION/MAINT.
Asset # : 2355

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Lighting								
Egress Lighting								
Emergency, Battery	50%			2020	\$4,100	10	\$2,400	B
Exit, Service	50%			2020	\$1,700	1		B
Mechanical								
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating								
Energy Source								
Natural Gas	100%			2030	**	1		B
Conversion Equipment								
Furnace	50%			2020	\$9,700	1	\$5,000	B
			<i>Other Observation, Extent : Light, Area Affected : 40%</i>					
			<i>Location : Warehouse Area- 1st Floor</i>					
			<i>Explanation : 1 Unit</i>					
Hot Water Boiler	40%			2033	**	1	\$4,000	B
			<i>Other Observation, Extent : Light, Area Affected : 60%</i>					
			<i>Location : Boiler Room</i>					
			<i>Explanation : 1 Unit</i>					
No Component	10%							D
Distribution								
Hot Wtr Piping/Pump	40%			2028	**	4	\$600	B
No Component	60%							D
Terminal Devices								
Convactor/Radiator	90%			2025	**	1	\$5,800	B
Fan Coil Unit/Heat	10%			2025	**	1	\$700	B
Air Conditioning								
Energy Source								
Electricity	100%			2036	**	1		B
Conversion Equipment								
Int Pkg Unit - Cooling	20%			2018	\$58,500	2	\$200	B
Ext Pkg Unit - Cooling	50%			2020	\$164,400	2	\$600	B
No Component	30%							D
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$11,200	B
Exhaust Fans								
Roof	100%			2015	\$54,600	2	\$600	B
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2025	**	1		B
Water Heater								
Electric	100%			2018	\$3,500	4	\$100	B
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		B

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** Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF CULTURAL AFFAIRS - 126
NY AQUARIUM EDUCATION/MAINT.**

Asset # : 2355

Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Plumbing								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		B
Fixtures								
Generic	100%							B

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : NY AQUARIUM LABORATORY
 Address : BOARDWALK & W.8TH ST. SURF AVENUE & W. 8TH ST.
 Borough : BROOKLYN Agency's Number : N/A
 Program / Asset # : DCA0009.030 / 2357 Yr Built/Renovated : 1965 / 2008
 Area Sq Ft : 12,540 Project Type : CULTURAL AFFAIRS
 Date of Survey : 06-Apr-2009 Landmark Status : NONE
 Areas Surveyed : Basement, Roof, Floors 1,2
 Block : 8698 Lot : 1 BIN : 3245160

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$208,400	\$158,700
Interior Architecture	\$130,700	
Electrical		\$74,100
Mechanical		\$81,200
Total	\$339,100	\$314,000
Priority A	\$208,400	\$158,700
Priority B		\$155,300
Priority C	\$130,700	
Total	\$339,100	\$314,000

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$11,800			
Interior Architecture	\$10,100	\$1,500		\$1,700
Electrical	\$8,200			\$100
Mechanical	\$7,200	\$3,600	\$6,800	\$5,500
Total	\$37,300	\$5,100	\$6,800	\$7,300
Priority A	\$11,800			
Priority B	\$23,800	\$3,600	\$6,800	\$5,600
Priority C	\$1,700	\$1,500		\$1,700
Total	\$37,300	\$5,100	\$6,800	\$7,300



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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DEPARTMENT OF CULTURAL AFFAIRS - 126
NY AQUARIUM LABORATORY
Asset # : 2357

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	65%			LIFE	**	5	\$20,100	A
Metal Panel	3%			2030	**	5-10	\$6,400	A
Pre-Cast Concrete	30%			LIFE	**	5	\$30,100	A
Window Wall	2%			2040	**	5	\$2,300	A
Windows								
Aluminum	100%	Now	\$5,100	2028	**	5	\$500	A
<i>Caulking Deteriorated, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : West Facade</i>								
Parapets								
Metal Rail	75%			2025	**	5-10	\$231,600	A
Pre-Cast Concrete	25%			LIFE	**	5	\$26,900	A
Roof								
Modified Bitumen	65%			2030	**	10	\$16,500	A
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Over Second Floor</i>								
Modified Bitumen	5%			2025	**	10	\$1,300	A
Single Ply Membrane	10%			2025	**	10	\$2,500	A
Sloped Glazing	20%	Now	\$67,800	LIFE	**	5	\$67,700	A
<i>Glazing Broken/Cracked, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Main Roof</i>								
Interior								
Floors								
Carpet	15%			2019		3	\$4,400	C
Cast in Place Concrete	10%			LIFE	**	5	\$4,300	C
Ceramic Tile	5%			2029	**	5	\$1,000	C
Vinyl Tile	70%			2015		3	\$6,900	C
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : 9x9 Units</i>								
Interior Walls								
Concrete Masonry Unit	65%			LIFE	**	5	\$7,200	C
Gypsum Board	15%			LIFE	**	5	\$2,500	C
Masonry: Brick	10%			LIFE	**			C
Plaster	10%			LIFE	**	5	\$800	C
Ceilings								
AcousTileSusp.Lay-In	85%			2025	**	5	\$16,700	B
Plaster	15%			LIFE	**	5	\$1,800	B
Electrical								
Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
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.

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** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF CULTURAL AFFAIRS - 126
NY AQUARIUM LABORATORY
Asset # : 2357

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2020	\$3,000	5		B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : No Ratings Available</i>								
Transformers								
Dry Type	100%			2033	**	5		B
Switchgear / Switchboard								
Fused Disc Sw	100%			2020	\$74,100	5		B
Raceway								
Conduit	90%			2020	\$16,000	1		B
Conduit	10%			2040	**	1		B
Panelboards								
Molded Case Bkrs	90%			2019	\$15,200	5	\$200	B
Molded Case Bkrs	10%			2036	**	5		B
Wiring								
Braided Cloth	50%	2-4	\$7,200	2045	**	1		B
<i>Insulation Aged, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
Thermoplastic	40%			2020	\$5,700	1		B
Thermoplastic	10%			2040	**	1		B
Motor Controllers								
Locally Mounted	100%			2033	**	5	\$100	B
Ground								
Grounding Devices								
Not Accessible	100%							D
Lighting								
Interior Lighting								
Fluorescent	95%			2020	\$19,000	10	\$11,500	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : T-12 Lamps</i>								
Incandescent	5%			2015	\$1,000	2		B
Egress Lighting								
Exit, Service	100%			2020	\$2,200	1		B

Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating								
Energy Source								
Campus Steam	100%			2040	**	1		B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Main Bldg</i>								
<i>Explanation : From Main Aquarium Bldg</i>								

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DEPARTMENT OF CULTURAL AFFAIRS - 126
NY AQUARIUM LABORATORY
Asset # : 2357

Mechanical	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Conversion Equipment								
Heat Exchanger	60%			2029	**	1	\$3,900	B
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Mechanical Room</i>							
	<i>Explanation : 2 Units</i>							
No Component	40%							D
Distribution								
Hot Wtr Piping/Pump	60%			2028	**	4	\$600	B
Steam Piping/Pump	40%			2030	**	4	\$300	B
Terminal Devices								
Air Handler	40%			2020	\$19,300	1	\$3,300	B
Convactor/Radiator	60%			2025	**	1	\$2,600	B
Air Conditioning								
Energy Source								
Electricity	100%			2036	**	1		B
Conversion Equipment								
Reciprocating Compr/Chiller	100%			2028	**	1	\$6,100	B
Distribution								
Chilled Wtr Pipe/Pump	100%			2040	**	4	\$1,000	B
Terminal Devices								
Air Handler/Cool/Ht	100%			2025	**	1	\$8,200	B
Heat Rejection								
Water Cool Tower	100%			2021	\$81,200	2	\$13,200	B
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Main Bldg, Handles Aquarium, Lab., And Sea Cliffs</i>							
	<i>Explanation : Water Once Through, Sea Water.</i>							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$7,300	B
Exhaust Fans								
Interior	40%			2025	**	2	\$200	B
Roof	60%	Now	\$2,200	2020	\$21,500	2	\$200	B
	<i>Damaged, Extent : Moderate, Area Affected : 10%</i>							
	<i>Location : Exhaust Duct Supports Rusted Through</i>							
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2025	**	1		B
Water Heater								
Electric	100%			2018	\$2,300	4	\$100	B
HW Heat Exchanger								
Low Temp	100%			2030	**	4	\$1,300	B
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		B
Storm Drain Piping								
Cast Iron	100%			LIFE	**	1		B

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Estimates are rounded to the nearest hundred dollars.

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DEPARTMENT OF CULTURAL AFFAIRS - 126
NY AQUARIUM LABORATORY
Asset # : 2357

Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Plumbing								
Sump Pump(s)								
Rigid Piping	100%			2025	* *	4	\$1,300	B
Sewage Ejector(s)								
Electric	100%			2020	\$10,300	4	\$2,000	B
Fixtures								
Generic	100%							B

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** Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : NY AQUARIUM MAIN AQUARIUM
 Address : BOARDWALK & W.8TH ST. SURF AVENUE & W. 8TH ST.
 Borough : BROOKLYN Agency's Number : N/A
 Program / Asset # : DCA0009.020 / 2356 Yr Built/Renovated : 1957 / 2009
 Area Sq Ft : 22,100 Project Type : CULTURAL AFFAIRS
 Date of Survey : 06-Apr-2009 Landmark Status : NONE
 Areas Surveyed : Basement, Roof, Floors 1,2
 Block : 8698 Lot : 1 BIN : 3245160

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$73,200	\$87,400
Interior Architecture		\$193,300
Electrical	\$73,000	\$144,100
Mechanical	\$50,300	\$441,600
Total	\$196,500	\$866,400
Priority A	\$73,200	\$87,400
Priority B	\$123,300	\$585,700
Priority C		\$193,300
Total	\$196,500	\$866,400

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$6,500	\$100		\$5,900
Interior Architecture	\$1,900	\$8,900	\$800	\$6,400
Electrical	\$5,800	\$2,100	\$1,300	\$24,600
Mechanical	\$2,600	\$7,500	\$6,000	\$10,300
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$20,800	\$22,600	\$12,100	\$51,300
Priority A	\$6,500	\$100		\$5,900
Priority B	\$14,300	\$13,600	\$11,200	\$45,300
Priority C		\$8,900	\$800	
Total	\$20,800	\$22,600	\$12,100	\$51,300



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DEPARTMENT OF CULTURAL AFFAIRS - 126
NY AQUARIUM MAIN AQUARIUM
Asset # : 2356

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	75%	Now	\$73,200	LIFE	**	5	\$21,900	A
<i>Expansion Jnt Failure, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : East Facade</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
Metal Panel	5%			2040	**	5-10	\$10,000	A
Metal Coiling Doors	5%			2033	**	5	\$4,600	A
Stucco Cement	10%			2033	**	5	\$7,300	A
Window Wall	5%			2040	**	5	\$5,500	A
Windows								
Aluminum	25%			2036	**	5	\$300	A
Glass Block	75%			LIFE	**	5	\$600	A
Parapets								
Masonry: Brick	90%			LIFE	**	5	\$2,200	A
Metal Panel	10%			2040	**	5	\$1,000	A
Roof								
Built-Up (BUR)	55%			2020	\$87,400	10	\$16,200	A
Cast in Place Concrete	2%			LIFE	**			A
Plaza Roof: Stone Panels	40%			2040	**			A
Spray-on Foam	3%			2025	**	5	\$1,200	A
Interior								
Floors								
Carpet	55%			2019	\$83,400	3	\$21,300	C
Cast in Place Concrete	5%			LIFE	**	5	\$2,800	C
Ceramic Tile	5%			2029	**	5	\$1,300	C
Vinyl Tile	25%			2020	\$61,100	3	\$2,400	C
Under Construction	10%							D
Interior Walls								
Cast in Place Concrete	5%			LIFE	**			C
Concrete Masonry Unit	35%			LIFE	**	5	\$4,100	C
Fabric on Framing	25%			2021	\$132,300	5	\$3,600	C
Glass: Single Pane	5%			LIFE	**	5	\$1,100	C
Gypsum Board	15%			LIFE	**	5	\$2,600	C
SGFT/Glazed Masonry	5%			LIFE	**			C
Under Construction	10%							D
Ceilings								
AcousTile,Adhered	15%			2025	**	5	\$3,900	B
AcousTileConcealSpLn	40%			2033	**	5	\$12,900	B
Exposed Concrete	5%			LIFE	**	5	\$200	B
Metal Panel	30%			LIFE	**	5	\$9,700	B
Under Construction	10%							D

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
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.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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DEPARTMENT OF CULTURAL AFFAIRS - 126
NY AQUARIUM MAIN AQUARIUM
Asset # : 2356

Electrical	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2020	\$3,000	5	\$100	B
<i>Enclosure Corroded, Extent : Moderate, Area Affected : 35%</i>								
<i>Location : Electrical Room</i>								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2020	\$44,500	5	\$500	B
Raceway								
Conduit	95%			2020	\$23,000	1		B
Conduit	5%			2040	**	1		B
Panelboards								
Molded Case Bkrs	95%			2019	\$21,300	5	\$500	B
Molded Case Bkrs	5%			2036	**	5		B
Wiring								
Thermoplastic	95%			2020	\$24,700	1		B
Thermoplastic	5%			2040	**	1		B
Motor Controllers								
Locally Mounted	80%			2018	\$12,400	5	\$100	B
Locally Mounted	20%	0-2	\$3,100	2040	**	5		B
<i>On Extended Life, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
Ground								
Grounding Devices								
Generic	100%	0-2	\$900	LIFE	**	5	\$300	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : Corroded</i>								
Stand-by Power								
Transfer Switches								
Automatic	100%			2018	\$10,800	1	\$5,600	B
Generators								
Diesel	100%	2-4	\$73,000	2035	**	1	\$6,300	B
<i>On Extended Life, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Outside The Building</i>								
Batteries								
Lead/Acid	100%			2015	\$600	5	\$700	B
Fuel Storage								
Day Tank	50%			2036	**	5	\$1,600	B
Main Tank	50%			2023	\$1,200	5	\$300	B
Lighting								
Interior Lighting								
Fluorescent	48%			2020	\$48,800	10	\$7,600	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : T-12 Lamps</i>								
HID	2%			2020	\$1,400	10		B
Incandescent	50%			2020	\$50,800	2	\$200	B

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF CULTURAL AFFAIRS - 126
NY AQUARIUM MAIN AQUARIUM
Asset # : 2356

Electrical	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	

Lighting

Egress Lighting								
Emergency, Battery	50%			2020	\$3,600	10	\$2,100	B
Exit, Service	50%			2020	\$1,400	1		B

Mechanical	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	

Heating

Energy Source								
Interruptible Gas/Dual Fuel	100%			2030	**	1		B

Conversion Equipment								
Steam Boiler	100%			2025	**	1	\$17,100	B

Other Observation, Extent : Light, Area Affected : 100%

Location : Boiler Room

Explanation : 2 Units

Distribution								
Steam Piping/Pump	100%			2030	**	4	\$900	B

Terminal Devices								
Air Handler	40%			2020	\$42,100	1	\$4,300	B
Convactor/Radiator	60%			2025	**	1	\$3,300	B

Air Conditioning

Energy Source								
Electricity	100%			2036	**	1		B

Conversion Equipment								
Int Pkg Unit - Cooling	20%			2018	\$50,300	2	\$200	B
Ext Pkg Unit - Cooling	80%			2020	\$226,400	2	\$900	B

Heat Rejection								
Remote Air Cond	100%			2020	\$116,700	2	\$12,000	B

Ventilation

Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$9,600	B

Exhaust Fans								
Interior	100%			2020	\$56,500	2	\$500	B

Plumbing

H/C Water Piping								
Galv Iron/Steel	100%			2025	**	1		B

Water Heater								
Gas Fired	100%			2018	\$4,500	2	\$300	B

HW Heat Exchanger								
Low Temp	100%			2020	\$6,100	4	\$2,600	B

Sanitary Piping								
Cast Iron	100%			LIFE	**	1		B

Storm Drain Piping								
Cast Iron	100%			LIFE	**	1		B

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF CULTURAL AFFAIRS - 126
NY AQUARIUM MAIN AQUARIUM
Asset # : 2356

Mechanical System Component Type	Current Repair		Future Replacement		Maintenance		Priority Code
	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	
Plumbing							
Sump Pump(s)							
Rigid Piping	100%			2020	\$10,300	4	\$2,000 B
Pool Filter/Treatment							
Sand	100%			2033	* *	4	\$4,300 B
Sewage Ejector(s)							
Electric	100%			2020	\$10,300	4	\$2,000 B
Backflow Preventer							
Generic	100%			2030	* *	1	\$1,100 B
Fixtures							
Generic	100%						B
Vertical Transport							
Elevators							
Hydraulic	100%			LIFE	* *		C
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
		<i>Location : Handicap Hoist Outside Of Building</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 : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : NY AQUARIUM NATIVE SEA LIFE
 Address : BOARDWALK & W.8TH ST. SURF AVENUE & W. 8TH ST.
 Borough : BROOKLYN Agency's Number : N/A
 Program / Asset # : DCA0009.120 / 2343 Yr Built/Renovated : 1976 / 1993
 Area Sq Ft : 766 Project Type : CULTURAL AFFAIRS
 Date of Survey : 06-Apr-2009 Landmark Status : NONE
 Areas Surveyed : Roof, Floors 1
 Block : 8698 Lot : 1 BIN : 3245160

CAPITAL

Total
 Priority
 Total

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture				\$2,500
Interior Architecture	\$11,100	\$300		
Electrical	\$8,400			\$13,900
Mechanical	\$1,000		\$200	\$4,900
Total	\$20,500	\$300	\$200	\$21,300
Priority A				\$2,500
Priority B	\$16,700		\$200	\$18,800
Priority C	\$3,800	\$300		
Total	\$20,500	\$300	\$200	\$21,300



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
 Estimates are rounded to the nearest hundred dollars.
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
 ** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF CULTURAL AFFAIRS - 126
NY AQUARIUM NATIVE SEA LIFE
Asset # : 2343

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Concrete Masonry Unit	75%			LIFE	**	5	\$1,900	A
Wood	25%			2033	**	5	\$5,100	A
Windows								
Metal Louvers	100%			2023	\$2,600	10	\$500	A
Parapets								
Concrete Masonry Unit	100%			LIFE	**	5	\$600	A
Roof								
Modified Bitumen	65%			2020	\$20,000	10	\$2,800	A
Sloped Glazing	35%			LIFE	**	5	\$20,000	A
Interior								
Floors								
Asphalt Macadam	35%	Now	\$1,900	2025	**	5	\$200	C
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Exhibit Area</i>								
Cast in Place Concrete	65%			LIFE	**	5	\$3,100	C
Interior Walls								
Cast in Place Concrete	5%	Now	\$1,900	LIFE	**			C
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Tank Area</i>								
<i>Exposed Reinforcement, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Tank Area</i>								
Cast in Place Concrete	20%			LIFE	**			C
Concrete Masonry Unit	40%			LIFE	**	5	\$500	C
Fabric on Framing	35%			2021	\$18,600	5	\$500	C
Ceilings								
Exposed Struc: Steel	15%	0-2	\$7,300	LIFE	**			B
<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Tank Area</i>								
Fiber Board	85%			2020	\$16,600			B

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
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%			2020	\$1,000	5		B
Transformers								
Dry Type	100%			2018	\$13,900	5		B
Raceway								
Conduit	100%			2020	\$21,500	1		B
Panelboards								
Fused Disc Sw	50%			2019	\$5,600	5		B
Molded Case Bkrs	50%			2019	\$5,600	5		B
Wiring								
Thermoplastic	100%			2020	\$15,100	1		B

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF CULTURAL AFFAIRS - 126
NY AQUARIUM NATIVE SEA LIFE
Asset # : 2343

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts								
Motor Controllers								
Locally Mounted	100%	2-4	\$4,200	2040	* *	5		B
<i>On Extended Life, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : 1st Floor</i>								
<hr/>								
Lighting								
Interior Lighting								
Fluorescent	90%			2015	\$2,900	10	\$1,200	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : T-12 Lamps</i>								
HID	10%			2015	\$100	10		B
<hr/>								
Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Ventilation								
Exhaust Fans								
Interior	100%			2020	\$1,800	2		B
<hr/>								
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%	2-4	\$1,000	2018	\$4,900	1		B
<i>Corroded, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Threaded Portions Of Pipe Are Rotting Out</i>								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		B
Pool Filter/Treatment								
Sand	100%			2025	* *	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.

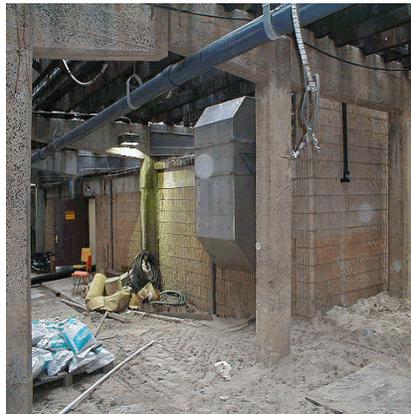
Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : NY AQUARIUM PUMP HOUSE
Address : BOARDWALK & W.8TH ST. SURF AVENUE & W. 8TH ST.
Borough : BROOKLYN **Agency's Number** : N/A
Program / Asset # : DCA0009.130 / 2344 **Yr Built/Renovated** : 1984 /
Area Sq Ft : 2,300 **Project Type** : CULTURAL AFFAIRS
Date of Survey : 08-Apr-2009 **Landmark Status** : NONE
Areas Surveyed : Roof, Floors 1
Block : 8698 **Lot** : 1 **BIN** : 3245160

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Exterior Architecture		\$80,100
Electrical	\$41,900	\$103,200
Total	\$41,900	\$183,200
Priority A		\$80,100
Priority B	\$41,900	\$103,200
Total	\$41,900	\$183,200

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$33,200			
Interior Architecture				\$24,300
Electrical	\$17,900			\$100
Mechanical	\$100	\$100	\$1,100	\$100
Total	\$51,100	\$100	\$1,100	\$24,500
Priority A	\$33,200			
Priority B	\$17,900	\$100	\$1,100	\$24,500
Priority C				
Total	\$51,100	\$100	\$1,100	\$24,500



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF CULTURAL AFFAIRS - 126
NY AQUARIUM PUMP HOUSE
Asset # : 2344

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
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	15%	Now	\$5,500	LIFE	**	5	\$4,300	A
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Concrete Masonry Unit	85%			LIFE	**	5	\$3,000	A
Windows								
Metal Louvers	100%			2023	\$80,100	10	\$15,200	A
Roof								
Modified Bitumen	100%	Now	\$27,700	2030	**			A
<i>Gut/DS Non Func/Miss, Extent : Severe, Area Affected : 75%</i>								
<i>Location : North Facade</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Over First Floor</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Covered With Sand</i>								
Interior								
Floors								
Cast in Place Concrete	100%			LIFE	**	5	\$8,700	C
Interior Walls								
Cast in Place Concrete	75%			LIFE	**			C
Concrete Masonry Unit	25%			LIFE	**	5	\$800	C
Ceilings								
Exposed Concrete	100%			LIFE	**	5	\$600	B
<i>Water Penetration, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Pump Area</i>								

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
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%			2020	\$9,900	5		B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : No Available Ratings</i>								
Transformers								
Dry Type	100%			2018	\$13,900	5		B
Switchgear / Switchboard								
Fused Disc Sw	100%			2020	\$49,200	5		B
Raceway								
Conduit	100%			2020	\$3,700	1		B
Panelboards								
Molded Case Bkrs	100%			2019	\$53,900	5	\$100	B
Wiring								
Thermoplastic	100%			2020	\$3,500	1		B

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF CULTURAL AFFAIRS - 126
NY AQUARIUM PUMP HOUSE
Asset # : 2344

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Motor Controllers								
Locally Mounted	20%			2018	\$10,500	5		B
Motor Control Center	80%			2018	\$41,900	5		B
Lighting								
Interior Lighting								
Fluorescent	80%			2015	\$13,700	10	\$2,000	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : T-12 Lamps</i>								
HID	20%			2015	\$2,200	10		B
Mechanical								
Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Electricity	100%			2040	**	1		B
Terminal Devices								
Fan Coil Unit/Heat	100%			2025	**	1	\$900	B
Ventilation								
Exhaust Fans								
Wall Unit	100%			2020	\$4,600	2	\$100	B
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2033	**	1		B
Storm Drain Piping								
Cast Iron	100%			LIFE	**	1		B
Sump Pump(s)								
Rigid Piping	100%			2025	**	4	\$1,300	B
Pool Filter/Treatment								
Sand	100%			2033	**	4	\$700	B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Intake From Ocean</i>								
<i>Explanation : Salt Water System</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : NY AQUARIUM SEA CLIFFS EXHIBIT
Address : BOARDWALK & W.8TH ST. SURF AVENUE & W. 8TH ST.
Borough : BROOKLYN **Agency's Number** : N/A
Program / Asset # : DCA0009.240 / 4125 **Yr Built/Renovated** : 1993 /
Area Sq Ft : 20,614 **Project Type** : CULTURAL AFFAIRS
Date of Survey : 06-Apr-2009 **Landmark Status** : NONE
Areas Surveyed : Roof, Floors 1,2
Block : 8698 **Lot** : 1 **BIN** : 3245160

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Exterior Architecture		\$151,300
Interior Architecture		\$768,400
Electrical		\$83,800
Mechanical		\$54,900
Total		\$1,058,400
Priority A		\$151,300
Priority B		\$138,700
Priority C		\$768,400
Total		\$1,058,400

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$39,600			
Interior Architecture	\$3,900	\$16,000		\$1,900
Electrical	\$2,300	\$1,200	\$1,200	\$9,500
Mechanical	\$6,300	\$4,300	\$10,300	\$6,600
Elevators/Escalators	\$7,900	\$7,900	\$7,900	\$7,900
Total	\$60,000	\$29,400	\$19,400	\$25,900
Priority A	\$39,600			
Priority B	\$16,400	\$13,400	\$19,400	\$25,900
Priority C	\$3,900	\$16,000		
Total	\$60,000	\$29,400	\$19,400	\$25,900



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF CULTURAL AFFAIRS - 126
NY AQUARIUM SEA CLIFFS EXHIBIT
Asset # : 4125

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
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	70%			LIFE	**	5	\$151,300	A
Concrete Masonry Unit	30%			LIFE	**	5	\$8,100	A
Parapets								
Cast in Place Concrete	100%			LIFE	**	5	\$25,800	A
Roof								
Built-Up (BUR)	20%	Now	\$34,300	2030	**			A
<i>Blisters, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Over Second Floor</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Over Second Floor</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Over Second Floor</i>								
Traffic Topping	10%			2025	**	10	\$5,300	A
Not Accessible	70%							D
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Covered With Dirt And Vegetation</i>								
Interior								
Floors								
Carpet	40%			2019	\$59,400	3	\$15,100	C
Cast in Place Concrete	10%			LIFE	**	5	\$5,500	C
Ceramic Tile	5%			2029	**	5	\$1,300	C
Slate	5%			LIFE	**	5	\$1,300	C
Traffic Topping	25%			2025	**	5	\$7,900	C
Vinyl Tile	15%			2025	**	3	\$1,400	C
Interior Walls								
Ceramic Tile	5%			2029	**	5	\$4,200	C
Concrete Masonry Unit	30%			LIFE	**	5	\$10,100	C
Fabric on Framing	50%			2021	\$768,400	5	\$21,100	C
Gypsum Board	15%			LIFE	**	5	\$7,600	C
Ceilings								
AcousTileSusp.Lay-In	15%			2033	**	5	\$3,800	B
Exposed Concrete	40%			LIFE	**	5	\$1,600	B
Metal Panel	15%			LIFE	**	5	\$4,700	B
Plaster	30%			LIFE	**	5	\$4,700	B
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : East Stair</i>								

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
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%			2030	**	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.

DEPARTMENT OF CULTURAL AFFAIRS - 126
NY AQUARIUM SEA CLIFFS EXHIBIT
Asset # : 4125

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Transformers								
Dry Type	100%			2025	**	5	\$100	B
Switchgear / Switchboard								
Fused Disc Sw	100%			2030	**	5	\$100	B
Raceway								
Conduit	100%			2030	**	1		B
Panelboards								
Molded Case Bkrs	50%			2028	**	5	\$200	B
Molded Case Bkrs	50%			2019	\$8,400	5	\$200	B
Wiring								
Thermoplastic	100%			2030	**	1		B
Motor Controllers								
Locally Mounted	100%			2025	**	5	\$100	B
Ground								
Grounding Devices								
Not Accessible	100%							D
Stand-by Power								
Transfer Switches								
Automatic	100%			2018	\$8,200	1	\$5,200	B
Generators								
Natural Gas	100%			2023	\$37,900	1	\$6,500	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Generator Room</i>								
<i>Explanation : No Ratings Available</i>								
Batteries								
Lead/Acid	100%			2015	\$600	5	\$600	B
Lighting								
Interior Lighting								
Fluorescent	65%			2020	\$45,900	10	\$10,100	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : T-12 Lamps</i>								
HID	5%			2020	\$3,500	10		B
Incandescent	30%			2020	\$21,200	2	\$100	B
Egress Lighting								
Emergency, Battery	50%			2020	\$3,500	10	\$2,000	B
Exit, Service	50%			2020	\$1,400	1		B

Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	

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.

DEPARTMENT OF CULTURAL AFFAIRS - 126
NY AQUARIUM SEA CLIFFS EXHIBIT
Asset # : 4125

Mechanical	Current Repair		Future Replacement		Maintenance		Priority Code	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)		Estimated Cost
Heating								
Distribution								
Hot Wtr Piping/Pump	100%			2036	**	4	\$1,200	B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Main Aquarium</i>								
<i>Explanation : Hot Water Supplied From Main Bldg.</i>								
Terminal Devices								
Air Handler	80%			2025	**	1	\$8,400	B
Convactor/Radiator	20%			2033	**	1	\$1,100	B
Air Conditioning								
Energy Source								
Electricity	100%			2036	**	1		B
Conversion Equipment								
Reciprocating Compr/Chiller	100%			2025	**	1	\$7,800	B
Distribution								
Chilled Wtr Pipe/Pump	100%			2040	**	4	\$1,200	B
Terminal Devices								
Air Handler/Cool/Ht	100%			2025	**	1	\$10,400	B
Heat Rejection								
Water Cool Tower	100%			2021	\$54,900	2	\$17,000	B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Pump House</i>								
<i>Explanation : Water Once Through, Using Sea Water</i>								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$9,400	B
Exhaust Fans								
Interior	100%			2025	**	2	\$500	B
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2033	**	1		B
Water Heater								
Electric	100%			2018	\$3,000	4	\$100	B
HW Heat Exchanger								
Low Temp	100%			2030	**	4	\$1,700	B
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		B
Storm Drain Piping								
Cast Iron	100%			LIFE	**	1		B
Sump Pump(s)								
Rigid Piping	100%			2025	**	4	\$1,300	B
Pool Filter/Treatment								
Sand	100%			2033	**	4	\$4,200	B
Sewage Ejector(s)								
Electric	100%			2020	\$10,300	4	\$2,000	B
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.

**DEPARTMENT OF CULTURAL AFFAIRS - 126
 NY AQUARIUM SEA CLIFFS EXHIBIT
 Asset # : 4125**

Mechanical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Vertical Transport Elevators Hydraulic	100%			LIFE		* *		C
<i>Other Observation, Extent : Light, Area Affected : 100%</i> <i>Location : G-1</i> <i>Explanation : Two Units</i>								

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
 Estimates are rounded to the nearest hundred dollars.
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
 ** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : NY AQUARIUM SEASIDE CAFE
Address : BOARDWALK & W.8TH ST. SURF AVENUE & W. 8TH ST.
Borough : BROOKLYN **Agency's Number** : N/A
Program / Asset # : DCA0009.250 / 14346 **Yr Built/Renovated** : 2006 /
Area Sq Ft : 15,000 **Project Type** : CULTURAL AFFAIRS
Date of Survey : 08-Apr-2009 **Landmark Status** : NONE
Areas Surveyed : Roof, Floors 1
Block : Lot : BIN :

CAPITAL

Total
 Priority
Total

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture		\$14,100	\$19,100	\$21,100
Interior Architecture	\$31,300		\$1,300	\$4,100
Electrical		\$300	\$200	\$10,700
Mechanical	\$600	\$900	\$1,500	\$900
Total	\$31,900	\$15,300	\$22,100	\$36,800
Priority A		\$14,100	\$19,100	\$21,100
Priority B	\$600	\$1,200	\$2,900	\$11,600
Priority C	\$31,300			\$4,100
Total	\$31,900	\$15,300	\$22,100	\$36,800



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
 Estimates are rounded to the nearest hundred dollars.
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
 ** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF CULTURAL AFFAIRS - 126
NY AQUARIUM SEASIDE CAFE
Asset # : 14346

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Window Wall	50%			2046	**	5	\$27,100	A
Wood	50%			2037	**	5	\$36,100	A
Windows								
Aluminum	100%			2042	**	5	\$2,200	A
Parapets								
Concrete Masonry Unit	90%			LIFE	**	5	\$5,700	A
Metal Panel	5%			2046	**	5	\$1,100	A
Pre-Cast Concrete	5%			LIFE	**	5	\$1,800	A
Roof								
Asphalt Shingle	25%			2033	**	10	\$1,200	A
Single Ply Membrane	75%			2028	**	10	\$21,100	A
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	**	5	\$1,900	C
Ceramic Tile	30%			2033	**	5	\$5,100	C
Vinyl Tile	65%	Now	\$31,300	2025	**	3	\$4,100	C
<i>Adhesion Failure, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Eating Area</i>								
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Eating Area</i>								
Interior Walls								
Ceramic Tile	5%			2033	**	5	\$300	C
Fiberglass Panel	25%			LIFE	**			C
Gypsum Board	70%			LIFE	**	5	\$2,500	C
Ceilings								
AcousTileSusp.Lay-In	15%			2037	**	5	\$2,500	B
Exposed Struc: Steel	5%			LIFE	**			B
Exposed Struc: Wood	80%			LIFE	**			B

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
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%			2046	**	5	\$300	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : Main Service Protector Rated @ 600 Amperes</i>								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2046	**	5	\$300	B
Raceway								
Conduit	100%			2046	**	1		B
Panelboards								
Molded Case Bkrs	100%			2042	**	5	\$300	B

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF CULTURAL AFFAIRS - 126
NY AQUARIUM SEASIDE CAFE
Asset # : 14346

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Wiring								
Thermoplastic	100%			2046	**	1		B
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$200	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Sprinkler Room</i>								
<i>Explanation : Connected To Metal Water Pipe</i>								
Lighting								
Interior Lighting								
Fluorescent	90%			2028	**	10	\$9,300	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : Compact Fluorescent Lamps</i>								
Incandescent	10%			2028	**	2		B
Egress Lighting								
Emergency, Battery	50%			2028	**	10	\$1,400	B
Exit, Service	50%			2028	**	1		B
Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Natural Gas	100%			2050	**	1		B
Conversion Equipment								
Furnace	100%			2030	**	1	\$5,600	B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Mechanical Room</i>								
<i>Explanation : 1 Unit</i>								
Air Conditioning								
Energy Source								
Electricity	100%			2045	**	1		B
Conversion Equipment								
Ext Pkg Unit - Cooling	100%			2030	**	2	\$700	B
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$6,300	B
Exhaust Fans								
Interior	100%			2030	**	2	\$400	B
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2050	**	1		B
Water Heater								
Gas Fired	100%			2020	\$3,000	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.

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** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF CULTURAL AFFAIRS - 126
NY AQUARIUM SEASIDE CAFE
Asset # : 14346

Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Plumbing								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		B
Backflow Preventer								
Generic	100%			2030	* *	1	\$700	B
Fixtures								
Generic	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.

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** Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : NY AQUARIUM THEATRE
Address : BOARDWALK & W.8TH ST. SURF AVENUE & W. 8TH ST.
Borough : BROOKLYN **Agency's Number** : N/A
Program / Asset # : DCA0009.070 / 2358 **Yr Built/Renovated** : 1967 /
Area Sq Ft : 329 **Project Type** : CULTURAL AFFAIRS
Date of Survey : 08-Apr-2009 **Landmark Status** : NONE
Areas Surveyed : Roof, Floors 1
Block : 8698 **Lot** : 1 **BIN** : 3245160

CAPITAL

Total

Priority

Total

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$100			
Interior Architecture				
Electrical				
Mechanical			\$5,000	
Total	\$200		\$5,000	
Priority A	\$100			
Priority B			\$5,000	
Priority C				
Total	\$200		\$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.*

DEPARTMENT OF CULTURAL AFFAIRS - 126
NY AQUARIUM THEATRE
Asset # : 2358

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Metal Panel	10%			2040	**	5-10	\$100	A
Stucco Cement	10%	Now	\$100	2025	**	5		A
<i>Vertical Cracks, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
No Component	80%							D
Windows								
Metal Louvers	10%			2023		10		A
No Component	90%							D
Roof								
Built-Up (BUR)	10%			2020	\$400	10	\$100	A
No Component	90%							D
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	**	5	\$100	C
Steel Plate	90%			LIFE	**	1		C
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Bleachers</i>								
<i>Explanation : This Component Is Actually Aluminum.</i>								
Interior Walls								
Cast in Place Concrete	5%			LIFE	**			C
Concrete Masonry Unit	5%			LIFE	**	5		C
No Component	90%							D
Ceilings								
Exposed Struc: Steel	90%			LIFE	**			B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Bleachers</i>								
<i>Explanation : This Is The Structural Component Of The Bleachers.</i>								
Gypsum Board	10%			LIFE	**	5		B

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Raceway								
Conduit	100%			2030	**	1		B
Panelboards								
Molded Case Bkrs	100%			2028	**	5		B
Wiring								
Thermoplastic	100%			2030	**	1		B
Motor Controllers								
Locally Mounted	100%			2025	**	5		B

Lighting

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF CULTURAL AFFAIRS - 126
NY AQUARIUM THEATRE
Asset # : 2358

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Lighting								
Interior Lighting Fluorescent	30%			2020	\$300	10	\$100	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Mechanical Room</i>								
<i>Explanation : T-12 Lamps</i>								
HID	70%			2020	\$800	10		B
Egress Lighting Exit, Service	100%			2020		1		B
Mechanical								
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating								
Energy Source Electricity	100%			2040	* *	1		B
Terminal Devices Fan Coil Unit/Heat	100%			2020	\$4,700	1	\$100	B
Plumbing								
H/C Water Piping Galv Iron/Steel	100%			2033	* *	1		B
Storm Drain Piping Cast Iron	100%			LIFE	* *	1		B
Pool Filter/Treatment Sand	100%			2033	* *	4	\$10,000	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Outdoors</i>								
<i>Explanation : Outdoor Salt Water Pools For Aquatic Animals</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : P.S.1/INST. FOR CONTEMPORARY ART
Address : 46-01 21ST ST. L.I. CITY @JACKSON AVE.
Borough : QUEENS **Agency's Number** : N/A
Program / Asset # : DCA0026.000 / 1552 **Yr Built/Renovated** : 1889 / 2012
Area Sq Ft : 70,308 **Project Type** : CULTURAL AFFAIRS
Date of Survey : 17-May-2012 **Landmark Status** : NONE
Areas Surveyed : Basement, Floors 1,2,3,atc
Block : 75 **Lot** : 1 **BIN** : 4000548

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$129,500	\$167,900
Interior Architecture	\$574,700	\$100,900
Electrical		\$488,500
Mechanical	\$84,900	
Total	\$789,100	\$757,300
Priority A	\$129,500	\$167,900
Priority B	\$84,900	\$529,800
Priority C	\$574,700	\$59,600
Total	\$789,100	\$757,300

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$3,900	\$2,400		\$6,500
Interior Architecture	\$2,300			\$2,300
Electrical	\$5,900	\$2,500	\$2,000	\$9,600
Mechanical	\$22,700	\$9,200	\$9,300	\$29,400
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$38,700	\$18,100	\$15,300	\$51,800
Priority A	\$3,900	\$2,400		\$6,500
Priority B	\$32,600	\$15,700	\$15,300	\$43,000
Priority C	\$2,300			\$2,300
Total	\$38,700	\$18,100	\$15,300	\$51,800



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF CULTURAL AFFAIRS - 126
P.S.1/INST. FOR CONTEMPORARY ART
Asset # : 1552

Architecture	Current Repair			Future Replacement		Maintenance		Priority Code
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	\$9,600	A
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : New Kiosk Entrance</i>								
<i>Explanation : Recent Construction</i>								
Cast Stone/Terra Cotta	5%			LIFE	**	5	\$15,100	A
Masonry: Brick	53%			LIFE	**	5	\$20,400	A
Masonry: Brick	25%			LIFE	**	5	\$9,600	A
Masonry: Brownstone	5%			LIFE	**	5	\$1,400	A
Stucco Cement	5%			2036	**	5	\$4,800	A
Window Wall	2%			2053	**	5	\$2,900	A
Windows								
Aluminum	100%			2045	**	5	\$7,800	A
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	**	5	\$1,000	A
Masonry: Brick	70%			LIFE	**	5	\$1,900	A
Masonry: Brick	20%			LIFE	**	5	\$500	A
Masonry: Brownstone	5%			LIFE	**	5	\$300	A
Roof								
Copper/Terne	5%			2051	**	10	\$9,100	A
IRMA/Protected Membrane	25%	Now	\$50,400	2023	\$167,900			A
<i>Broken Paver Blocks, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Flat Roof</i>								
<i>Miss/Damaged Flashings, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : At Elevator Bulkhead</i>								
<i>Paver Block Ballast, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Flat Roof</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Elevator Bulkhead, Corridor Near Stair C, Stair B</i>								
Modified Bitumen	7%			2028	**	10	\$5,100	A
Modified Bitumen	3%			2033	**	10	\$2,200	A
Skylight, Metal/Glass	3%			2043	**	10	\$7,300	A
Slate	57%	Now	\$79,100	LIFE	**			A
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								

Interior

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF CULTURAL AFFAIRS - 126
P.S.1/INST. FOR CONTEMPORARY ART
Asset # : 1552

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
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%			LIFE	**	5	\$19,900	C
Vinyl Tile	20%			2018	\$172,300	3	\$9,100	C
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Corridors</i>								
<i>Explanation : 9x9 Units</i>								
Wood	70%	Now	\$402,400	2038	**	5	\$59,600	C
<i>Poor Subfloor Evident, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Various Room In Exhibit Space</i>								
<i>Split/Cracked, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Exhibit Space</i>								
Interior Walls								
Gypsum Board	15%			LIFE	**	5	\$6,100	C
Masonry: Brick	10%			LIFE	**			C
Plaster	75%			LIFE	**	5	\$15,100	C
Ceilings								
Embossed Metal	15%			LIFE	**	5	\$5,900	B
Gypsum Board	10%			LIFE	**	5	\$11,000	B
Plaster	70%			LIFE	**	5	\$38,500	B
Plaster	5%			LIFE	**	5	\$2,800	B
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Stair B</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Stair B</i>								

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2033	**	5	\$300	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : Main Service Switch Rated @ 3000 Amperes</i>								
Switchgear / Switchboard								
Fused Disc Sw	100%			2033	**	5	\$300	B
Raceway								
Conduit	100%			2033	**	1		B
Panelboards								
Molded Case Bkrs	100%			2031	**	5	\$1,500	B
Wiring								
Braided Cloth	15%	2-4	\$4,100	2048	**	1		B
<i>Insulation Aged, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
Thermoplastic	85%			2033	**	1		B

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF CULTURAL AFFAIRS - 126
P.S.1/INST. FOR CONTEMPORARY ART
Asset # : 1552

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Motor Controllers								
Locally Mounted	50%			2021	\$31,700	5	\$200	B
Locally Mounted	50%			2040	**	5	\$200	B
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$900	B
Lighting								
Interior Lighting								
Fluorescent	25%			2023	\$63,500	10	\$13,900	B
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Basement</i>						
		<i>Explanation : T-12 Lamps</i>						
Fluorescent	35%			2023	\$88,900	10	\$19,500	B
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Corridors And Offices</i>						
		<i>Explanation : Compact Fluorescent Lamps</i>						
Incandescent	40%			2023	\$101,600	2	\$500	B
Egress Lighting								
Emergency, Battery	50%			2028	**	10	\$7,300	B
Exit, LED	50%			2051	**	1		B
Lightning Protection								
Arresters/Cabling								
Generic	100%			2038	**	5	\$800	B
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Roof</i>						
		<i>Explanation : Copper</i>						
Alarm								
Security System								
No Component	70%							D
Generic	30%			2031	**	1	\$6,500	B
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Public Spaces</i>						
		<i>Explanation : CCTV Surveillance System</i>						
Fire/Smoke Detection								
No Component	70%							D
Generic	30%			2023	\$202,700	1-3	\$10,700	B
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Hallways</i>						
		<i>Explanation : Smoke Detectors, Manual Pull Stations, Strobe Lights And Alarm Bells</i>						

Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Natural Gas	100%			2043	**	1		B

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF CULTURAL AFFAIRS - 126
P.S.1/INST. FOR CONTEMPORARY ART
Asset # : 1552

Mechanical	Current Repair		Future Replacement		Maintenance		Priority Code	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating								
Conversion Equipment								
Steam Boiler	100%	Now	\$16,800	2028	**	1	\$54,200	B
			<i>Corroded, Extent : Moderate, Area Affected : 20%</i>					
			<i>Location : #1 Boiler</i>					
			<i>Leak Evident, Extent : Severe, Area Affected : 20%</i>					
			<i>Location : #1 Boiler</i>					
			<i>Malfunctioning, Extent : Severe, Area Affected : 100%</i>					
			<i>Location : 2 Fresh Air Louvers, Boiler Room</i>					
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Basement Boiler Room</i>					
			<i>Explanation : 2 Units (2 Heat Exchangers Convert Hot Water For Heating Devices)</i>					
Distribution								
Hot Wtr Piping/Pump	90%			2039	**	4	\$4,000	B
Steam Piping/Pump	10%			2043	**	4	\$500	B
Terminal Devices								
Convactor/Radiator	100%			2036	**	1	\$19,700	B
Air Conditioning								
Energy Source								
Electricity	100%			2039	**	1		B
Conversion Equipment								
Window/Wall Unit	60%			2018		1	\$84,900	B
No Component	40%							D
Ventilation								
Exhaust Fans								
Roof	2%			2028	**	2		B
No Component	98%							D
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	**	1		B
Water Heater								
Electric	100%			2022		4	\$400	B
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		B
Storm Drain Piping								
Cast Iron	100%			LIFE	**	1		B
Sump Pump(s)								
Rigid Piping	100%			2018		4	\$1,300	B
Fixtures								
Generic	100%							B
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	**			C
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : B-3</i>					
			<i>Explanation : One Unit</i>					
Fire Suppression								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF CULTURAL AFFAIRS - 126
P.S.1/INST. FOR CONTEMPORARY ART
Asset # : 1552

Mechanical	Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	
Fire Suppression							
Standpipe							
Generic	100%			2033	* *	1-5	\$31,800 B
Sprinkler							
No Component	90%						D
Generic	10%			2033	* *	1-2	\$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.*

Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : POLICE MUSEUM (OLD 1ST PRECINCT)
Address : 100 OLD SLIP
Borough : MANHATTAN **Agency's Number** : 312-150
Program / Asset # : DGS0036.000 / 4126 **Yr Built/Renovated** : 1907 / 2001
Area Sq Ft : 25,513 **Project Type** : CULTURAL AFFAIRS
Date of Survey : 03-Jun-2010 **Landmark Status** : EXTERIOR LANDMARK
Areas Surveyed : Basement, Roof, Floors 1,2,3,4
Block : 34 **Lot** : 37 **BIN** : 1000866

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$319,800	\$2,506,400
Interior Architecture	\$147,800	\$45,100
Electrical		\$342,700
Total	\$467,600	\$2,894,200
Priority A	\$319,800	\$2,506,400
Priority B		\$342,700
Priority C	\$147,800	\$45,100
Total	\$467,600	\$2,894,200

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$23,700			
Interior Architecture	\$24,000	\$2,300	\$7,000	
Electrical	\$2,400	\$20,800	\$2,200	\$2,300
Mechanical	\$3,600	\$6,100	\$6,800	\$6,100
Elevators/Escalators	\$14,800	\$14,800	\$14,800	\$14,800
Total	\$68,400	\$44,100	\$30,900	\$23,200
Priority A	\$23,700			
Priority B	\$43,900	\$41,700	\$23,800	\$23,200
Priority C	\$800	\$2,300	\$7,000	
Total	\$68,400	\$44,100	\$30,900	\$23,200



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF CULTURAL AFFAIRS - 126
POLICE MUSEUM (OLD 1ST PRECINCT)
Asset # : 4126

Architecture	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Granite	5%			LIFE	**	5	\$1,100	A
Masonry: Limestone	95%	2-4	\$210,700	LIFE	**	5	\$21,100	A
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : North Facade</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<hr/>								
Windows								
Metal Louvers	3%			2030	**	10	\$12,500	A
Wood	97%	Now	\$109,100	2020	\$2,182,900	5	\$323,500	A
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Thermally Inefficient, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Split/Cracked, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : North Facade</i>								
<hr/>								
Parapets								
Masonry: Limestone	100%			LIFE	**	5	\$6,200	A
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
<hr/>								
Roof								
Clay Tile	100%	Now	\$23,700	2031	**			A
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Drains Inad/Misposn, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : North Side</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Over Stair At North Side</i>								
<hr/>								
Interior								
Floors								
Carpet	45%			2020	\$89,400	3	\$21,100	C
Cast in Place Concrete	5%			LIFE	**	5	\$3,400	C
Ceramic Tile	5%			2030	**	5	\$1,600	C
Marble Panels	15%			LIFE	**	5	\$3,500	C
Sheet Vinyl/Rubber	10%			2026	**	5	\$4,700	C
Wood	20%			2049	**	5	\$11,700	C

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF CULTURAL AFFAIRS - 126
POLICE MUSEUM (OLD 1ST PRECINCT)
Asset # : 4126

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
Interior Walls								
Gypsum Board	85%	Now	\$147,800	LIFE	**	5	\$45,100	C
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Stair At North Side</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Stair At North Side</i>								
Masonry: Brick	5%			LIFE	**			C
Granite Panels	5%			LIFE	**			C
Wood	5%			LIFE	**	5	\$17,700	C
Ceilings								
AcousTileSusp.Lay-In	70%	Now	\$8,800	2034	**	5	\$12,300	B
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Offices 414 And 415</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Offices 414 And 415</i>								
Gypsum Board	30%	Now	\$14,400	LIFE	**	5	\$13,200	B
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Stair At North Side</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Fourth Floor, Stair At North Side</i>								

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
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%			2041	**	5	\$100	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : 1- Electrical Service, Rated @ 1200a</i>								
Switchgear / Switchboard								
Fused Disc Sw	100%			2041	**	5	\$100	B
Raceway								
Conduit	100%			2041	**	1		B
Panelboards								
Molded Case Bkrs	100%			2037	**	5	\$600	B
Wiring								
Thermoplastic	100%			2041	**	1		B
Motor Controllers								
Locally Mounted	100%			2034	**	5	\$100	B
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$300	B
Lighting								

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Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF CULTURAL AFFAIRS - 126
POLICE MUSEUM (OLD 1ST PRECINCT)
Asset # : 4126

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Lighting								
Interior Lighting								
Fluorescent	55%			2026	**	10	\$10,500	B
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Throughout The Building</i>						
		<i>Explanation : T-8 Lamps</i>						
Fluorescent	15%			2026	**	10	\$2,900	B
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Some Areas</i>						
		<i>Explanation : T-5 Lamps</i>						
Fluorescent	15%			2026	**	10	\$2,900	B
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Some Areas</i>						
		<i>Explanation : Compact Fluorescent Lights</i>						
Incandescent	15%			2021	\$17,000	2	\$100	B
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Exhibit Area</i>						
		<i>Explanation : Track Lights</i>						
Egress Lighting								
Emergency, Battery	50%			2026	**	10	\$2,500	B
Exit, LED	50%			2049	**	1		B
Exterior Lighting								
Incandescent	20%			2021	\$2,300	2		B
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Front Entrance</i>						
		<i>Explanation : 2 Incandescent Lights Only</i>						
No Component	80%							D
Alarm								
Security System								
Generic	100%			2021	\$77,500	1	\$7,800	B
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Throughout The Building</i>						
		<i>Explanation : Intrusion Alarm System Is Functional; Internet Protocol Digital Video Surveillance System Is Functional.</i>						
Fire/Smoke Detection								
Generic	100%			2021	\$265,200	1-3	\$13,300	B
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : 1st Floor</i>						
		<i>Explanation : Fire Alarm System Is Functional; Fire Control Panel Is Addressable.</i>						

Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating								
Energy Source								
Natural Gas	100%			2031	**	1		B

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Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF CULTURAL AFFAIRS - 126
POLICE MUSEUM (OLD 1ST PRECINCT)
Asset # : 4126

Mechanical System Component Type	Current Repair		Future Replacement		Maintenance		Priority Code	
	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)		Estimated Cost
Heating								
Conversion Equipment								
Hot Water Boiler	100%			2026	**	1	\$10,400	B
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Basement</i>						
		<i>Explanation : 5 Units</i>						
Distribution								
Hot Wtr Piping/Pump	100%			2029	**	4	\$1,000	B
Terminal Devices								
Air Handler	50%			2026	**	1	\$6,500	B
Fan Coil Unit/Heat	50%			2026	**	1	\$3,400	B
Air Conditioning								
Energy Source								
Electricity	100%			2037	**	1		B
Conversion Equipment								
Reciprocating	80%			2026	**	1	\$7,800	B
Compr/Chiller								
No Component	20%							D
Distribution								
Chilled Wtr Pipe/Pump	80%			2041	**	4	\$800	B
No Component	20%							D
Terminal Devices								
Air Handler/Cool/Ht	40%			2026	**	1	\$5,200	B
Fan Coil - Cooling	40%			2026	**	1	\$2,700	B
No Component	20%							D
Heat Rejection								
Evap Condenser	80%			2026	**	2	\$11,600	B
No Component	20%							D
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$11,600	B
Exhaust Fans								
Interior	100%			2026	**	2	\$600	B
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2031	**	1		B
Water Heater								
Gas Fired	100%			2020	\$6,000	2	\$300	B
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		B
Sewage Ejector(s)								
Electric	100%			2021	\$11,100	4	\$1,300	B
Fixtures								
Generic	100%							B
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.

**DEPARTMENT OF CULTURAL AFFAIRS - 126
POLICE MUSEUM (OLD 1ST PRECINCT)**

Asset # : 4126

Mechanical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code

Vertical Transport Elevators Hydraulic	100%			LIFE		* *		C
<i>Other Observation, Extent : Light, Area Affected : 100%</i> <i>Location : (1) B-4 (1) 4-5 (1) I- M</i> <i>Explanation : 3 Units</i>								

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : QUEENS BOTANICAL GARDEN ADMINISTRATION BUILDING
Address : 43-50 MAIN STREET
Borough : QUEENS **Agency's Number** : N/A
Program / Asset # : DCA0016.010 / 2232 **Yr Built/Renovated** : 2007 /
Area Sq Ft : 16,000 **Project Type** : CULTURAL AFFAIRS
Date of Survey : 25-Feb-2011 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1,2
Block : 5107 **Lot** : 200 **BIN** : 4439682

CAPITAL

Total

Priority

Total

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$11,000			\$6,200
Interior Architecture	\$300		\$100	
Electrical	\$100	\$100	\$100	\$200
Mechanical	\$1,900	\$3,900	\$2,900	\$3,800
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$17,200	\$7,900	\$7,100	\$14,200
Priority A	\$11,000			\$6,200
Priority B	\$6,000	\$7,900	\$7,000	\$8,000
Priority C	\$300		\$100	
Total	\$17,200	\$7,900	\$7,100	\$14,200



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF CULTURAL AFFAIRS - 126
QUEENS BOTANICAL GARDEN ADMINISTRATION BUILDING

Asset # : 2232

Architecture	Current Repair		Future Replacement		Maintenance		Priority Code	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Exterior								
Exterior Walls								
Cast in Place Concrete	35%			LIFE	**	5	\$15,800	A
Metal Panel	10%			2048	**	5-10	\$6,200	A
Window Wall	10%			2048	**	5	\$3,400	A
Wood	45%			2039	**	5	\$20,400	A
Windows								
Aluminum	100%	Now	\$11,000	2044	**	5	\$1,100	A
<i>Other Observation, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Shading Devices Are Deteriorating</i>								
Parapets								
Cast in Place Concrete	50%			LIFE	**	5		A
Metal Panel	25%			2048	**	5		A
Metal Rail	15%			2039	**	5-10		A
Pre-Cast Concrete	10%			LIFE	**	5		A
Roof								
Cast in Place Concrete	25%			LIFE	**			A
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Over Auditorium</i>								
<i>Explanation : Green Roof With Vegetation</i>								
IRMA/Protected Membrane	30%			2030	**	10	\$3,900	A
IRMA/Protected Membrane	5%			2030	**	10	\$700	A
<i>Paver Block Ballast, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Over Auditorium Wing</i>								
Single Ply Membrane	35%			2030	**	10	\$4,600	A
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Canopy Over Open Space</i>								
<i>Explanation : This Roof Is Used For Water Collection</i>								
Sloped Glazing	5%			LIFE	**	5	\$8,700	A
Interior								
Floors								
Carpet	5%			2023		3	\$400	C
Cast in Place Concrete	90%			LIFE	**	5	\$9,700	C
Ceramic Tile	5%			2035	**	5	\$200	C
Interior Walls								
Ceramic Tile	5%			2035	**	5	\$300	C
Concrete Masonry Unit	50%			LIFE	**	5	\$1,200	C
Gypsum Board	40%			LIFE	**	5	\$1,400	C
Wood	5%			LIFE	**	5	\$1,200	C
Ceilings								
AcousTileSusp.Lay-In	15%			2039	**	5	\$700	B
Exposed Concrete	50%			LIFE	**	5	\$400	B
Gypsum Board	35%			LIFE	**	5	\$2,200	B

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF CULTURAL AFFAIRS - 126
QUEENS BOTANICAL GARDEN ADMINISTRATION BUILDING

Asset # : 2232

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
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%			2048	**	5	\$100	B
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Electrical Room</i>						
		<i>Explanation : 2000 Amps</i>						
Switchgear / Switchboard								
Fused Disc Sw	100%			2048	**	5	\$100	B
Raceway								
Conduit	100%			2048	**	1		B
Panelboards								
Molded Case Bkrs	100%			2044	**	5	\$300	B
Wiring								
Thermoplastic	100%			2048	**	1		B
Motor Controllers								
Locally Mounted	100%			2039	**	5	\$100	B
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$200	B
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Basement</i>						
		<i>Explanation : Water Main</i>						
Lighting								
Interior Lighting								
Fluorescent	100%			2030	**	10	\$12,000	B
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : T-5 Lamps & Compact Bulbs</i>						
Egress Lighting								
Exit, LED	100%			2057	**	1		B
Exterior Lighting								
HID	100%			2030	**	10		B
Alarm								
Security System								
No Component	90%							D
Generic	10%			2030	**	1	\$500	B
Fire/Smoke Detection								
No Component	90%							D
Generic	10%			2030	**	1-3	\$800	B
Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Electricity	100%			2048	**	1		B

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF CULTURAL AFFAIRS - 126
QUEENS BOTANICAL GARDEN ADMINISTRATION BUILDING

Asset # : 2232

Mechanical System Component Type	Current Repair		Future Replacement		Maintenance		Priority Code	
	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)		Estimated Cost
Heating								
Conversion Equipment Heat Pump	100%			2026	**	2	\$4,100	B
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Basement</i>							
	<i>Explanation : 8 Units</i>							
Distribution Hot Wtr Piping/Pump	100%			2044	**	4	\$1,000	B
Terminal Devices Air Handler	80%			2030	**	1	\$6,500	B
Fan Coil Unit/Heat	20%			2030	**	1	\$900	B
Air Conditioning								
Energy Source Electricity	100%			2044	**	1		B
Conversion Equipment Heat Pump	100%			2026	**	2	\$800	B
Distribution Chilled Wtr Pipe/Pump	100%			2048	**	4	\$1,000	B
Terminal Devices Air Handler/Cool/Ht	100%			2030	**	1	\$8,100	B
Heat Rejection Geothermal	100%			2057	**	1		B
Ventilation								
Distribution Ductwork/Diffusers	100%			LIFE	**	2-5	\$7,300	B
Exhaust Fans Interior	100%			2030	**	2	\$400	B
Plumbing								
H/C Water Piping Brass/Copper	100%			2048	**	1		B
Water Heater Electric	100%			2020	\$2,300	4	\$100	B
Sanitary Piping Cast Iron	100%			LIFE	**	1		B
Storm Drain Piping Cast Iron	100%			LIFE	**	1		B
Sump Pump(s) Rigid Piping	100%			2030	**	4	\$1,300	B
Backflow Preventer Generic	100%			2030	**	1	\$800	B
Fixtures Generic	100%							B
Vertical Transport								
Elevators Hydraulic	100%			LIFE	**			C
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : 1-2 Floors</i>							
	<i>Explanation : 1 Unit</i>							

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.*

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPARTMENT OF CULTURAL AFFAIRS - 126
 QUEENS BOTANICAL GARDEN ADMINISTRATION BUILDING**

Asset # : 2232

Mechanical		Current Repair		Future Replacement		Maintenance		Priority	
System	Component	% of	Fail Date	Estimated Cost	Year	Estimated Cost	Cycle	Estimated Cost	Code
Type		Total	(Years)		FY		(Yrs)		
Fire Suppression	Sprinkler								
	Generic	100%			2048	* *	1-2	\$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.*

Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : QUEENS BOTANICAL GARDEN EDUCATION BLDG
Address : 43-50 MAIN STREET
Borough : QUEENS **Agency's Number** : N/A
Program / Asset # : DCA0016.060 / 2235 **Yr Built/Renovated** : 1986 /
Area Sq Ft : 2,617 **Project Type** : CULTURAL AFFAIRS
Date of Survey : 25-Feb-2011 **Landmark Status** : NONE
Areas Surveyed : Roof, Floors 1
Block : 5107 **Lot** : 200 **BIN** : 4439683

CAPITAL

Total

Priority

Total

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$8,600		\$100	
Interior Architecture	\$200	\$400		\$200
Electrical	\$900		\$15,000	
Mechanical	\$200	\$200	\$12,500	\$200
Total	\$9,900	\$600	\$27,500	\$400
Priority A	\$8,600		\$100	
Priority B	\$1,100	\$200	\$27,500	\$300
Priority C	\$200	\$400		\$200
Total	\$9,900	\$600	\$27,500	\$400



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF CULTURAL AFFAIRS - 126
QUEENS BOTANICAL GARDEN EDUCATION BLDG

Asset # : 2235

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	10%			LIFE	**	5	\$600	A
Stucco Cement	90%			2035	**	5	\$14,400	A
Windows								
Aluminum	100%			2030	**	5	\$1,200	A
Parapets								
Metal Panel	5%			2042	**	5	\$100	A
Stucco Cement	95%			2035	**	5	\$1,300	A
Roof								
Asphalt Shingle	15%			2025	**	10	\$200	A
Built-Up (BUR)	85%			2022	\$28,400	10	\$5,300	A
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	**	5	\$700	C
Ceramic Tile	5%			2031	**	5	\$200	C
Vinyl Tile	45%			2027	**	3	\$700	C
Vinyl Tile	40%			2022	\$12,200	3	\$500	C
Interior Walls								
Ceramic Tile	5%			2031	**	5	\$300	C
Concrete Masonry Unit	25%			LIFE	**	5	\$600	C
Gypsum Board	70%			LIFE	**	5	\$2,600	C
Ceilings								
Exposed Concrete	10%			LIFE	**	5	\$100	B
Gypsum Board	90%			LIFE	**	5	\$3,700	B

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
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%			2022	\$1,600	5		B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : 200 Amps</i>								
Switchgear / Switchboard								
Fused Disc Sw	100%			2022	\$14,800	5		B
Raceway								
Conduit	45%			2022	\$2,600	1		B
Conduit	50%			2042	**	1		B
Conduit	5%			2048	**	1		B
Panelboards								
Molded Case Bkrs	45%			2021	\$5,100	5		B
Molded Case Bkrs	50%			2038	**	5		B
Molded Case Bkrs	5%			2038	**	5		B

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF CULTURAL AFFAIRS - 126
QUEENS BOTANICAL GARDEN EDUCATION BLDG**

Asset # : 2235

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Wiring								
Thermoplastic	75%			2042	**	1		B
Thermoplastic	25%			2042	**	1		B
Motor Controllers								
Locally Mounted	100%			2020	\$5,200	5		B
Ground								
Grounding Devices								
Generic	100%	0-2	\$900	LIFE	**	5		B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Water Main</i>								
<i>Explanation : Corroded</i>								
Lighting								
Interior Lighting								
Fluorescent	100%			2017	\$12,600	10	\$2,000	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Using T-12 Lamps</i>								
Egress Lighting								
Emergency, Service	5%			2017		1		B
Exit, Service	95%			2017	\$300	1		B
Exterior Lighting								
HID	100%			2030	**	10		B
Lightning Protection								
Arresters/Cabling								
Generic	100%			2025	**	5	\$100	B
Alarm								
Security System								
No Component	90%							D
Generic	10%			2022	\$700	1	\$100	B

Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Natural Gas	100%			2032	**	1		B
Conversion Equipment								
Hot Water Boiler	100%			2035	**	1	\$1,100	B
Distribution								
Hot Wtr Piping/Pump	100%			2030	**	4	\$100	B
Terminal Devices								
Convactor/Radiator	100%			2020	\$22,900	1	\$700	B
Air Conditioning								
Energy Source								
Electricity	100%			2030	**	1		B
Conversion Equipment								
Ext Pkg Unit - Cooling	100%			2017	\$11,200	2	\$100	B

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Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPARTMENT OF CULTURAL AFFAIRS - 126
QUEENS BOTANICAL GARDEN EDUCATION BLDG**

Asset # : 2235

Mechanical	Current Repair		Future Replacement		Maintenance		Priority Code	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)		Estimated Cost
Air Conditioning								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2	\$2,800	B
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2032	* *	1		B
Water Heater								
Electric	100%			2017	\$400	4		B
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		B
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		B
Fixtures								
Generic	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.*

Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : QUEENS BOTANICAL GARDEN GREENHOUSE
Address : 43-50 MAIN STREET
Borough : QUEENS **Agency's Number** : N/A
Program / Asset # : DCA0016.050 / 2234 **Yr Built/Renovated** : 1964 /
Area Sq Ft : 2,394 **Project Type** : CULTURAL AFFAIRS
Date of Survey : 25-Feb-2011 **Landmark Status** : NONE
Areas Surveyed : Roof, Floors 1
Block : 5107 **Lot** : 200 **BIN** : 4518264

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$229,000	\$90,100
Total	\$229,000	\$90,100
Priority A	\$229,000	\$90,100
Total	\$229,000	\$90,100

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$35,700			
Interior Architecture	\$25,400			
Electrical	\$100		\$6,900	
Mechanical	\$400	\$100	\$3,500	\$100
Total	\$61,500	\$100	\$10,300	\$100
Priority A	\$35,700			
Priority B	\$500	\$100	\$10,300	\$100
Priority C	\$25,400			
Total	\$61,500	\$100	\$10,300	\$100



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
 Estimates are rounded to the nearest hundred dollars.
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
 ** Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF CULTURAL AFFAIRS - 126
QUEENS BOTANICAL GARDEN GREENHOUSE**

Asset # : 2234

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Stucco Cement	15%	Now	\$3,300	2027	**	5	\$700	A
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Building Base</i>								
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
Window Wall	85%	Now	\$32,400	2032	**	5	\$5,600	A
<i>Glazing Broken/Cracked, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Windows								
Aluminum	95%	Now	\$48,800	2047	**	5	\$500	A
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Thermally Inefficient, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
Metal Louvers	5%			2031	**	10	\$300	A
Roof								
Sloped Glazing	100%	Now	\$180,200	LIFE	**	5	\$90,100	A
<i>Glazing Broken/Cracked, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Interior								
Floors								
Cast in Place Concrete	100%			LIFE	**	5	\$6,400	C
Interior Walls								
Cast in Place Concrete	100%	Now	\$25,400	LIFE	**			C
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Raceway								
Conduit	100%			2032	**	1		B
Panelboards								
Molded Case Bkrs	100%			2030	**	5	\$100	B
Wiring								
Thermoplastic	100%			2032	**	1		B
Motor Controllers								
Locally Mounted	100%			2020		5	\$1,900	B

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.

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**DEPARTMENT OF CULTURAL AFFAIRS - 126
QUEENS BOTANICAL GARDEN GREENHOUSE**

Asset # : 2234

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Lighting								
Interior Lighting Fluorescent	100%			2017	\$4,700	10	\$1,800	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Using T-12 Lamps</i>								
Lighting Protection								
Arresters/Cabling Generic	100%			2025	* *	5	\$100	B
Alarm								
Security System No Component	95%							D
Generic	5%			2017	\$300	1		B
Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating								
Energy Source HTHW/HW	100%			2032	* *	1		B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Educational Building</i>								
<i>Explanation : Hot Water Provided By Adjacent Building</i>								
Distribution Hot Wtr Piping/Pump	100%			2021	\$11,200	4	\$100	B
Terminal Devices Convactor/Radiator	100%			2020	\$21,000	1	\$600	B
Ventilation								
Exhaust Fans Wall Unit	100%			2017	\$3,400	2	\$100	B
Plumbing								
H/C Water Piping Brass/Copper	100%			2022	\$6,600	1		B
Water Heater Electric	100%			2015	\$300	4		B
Sanitary Piping Cast Iron	100%			LIFE	* *	1		B

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : QUEENS BOTANICAL GARDEN MAINTENANCE & HORTICULTURE
Address : 43-50 MAIN STREET
Borough : QUEENS **Agency's Number** : N/A
Program / Asset # : DCA0016.080 / 2236 **Yr Built/Renovated** : 2006 /
Area Sq Ft : 4,500 **Project Type** : CULTURAL AFFAIRS
Date of Survey : 25-Feb-2011 **Landmark Status** : NONE
Areas Surveyed : Roof, Floors 1
Block : 5107 **Lot** : 200 **BIN** : 4439684

CAPITAL

Total

Priority

Total

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$400			
Interior Architecture	\$100			
Electrical				
Mechanical	\$300	\$400	\$300	\$400
Total	\$800	\$500	\$300	\$500
Priority A	\$400			
Priority B	\$300	\$500	\$300	\$500
Priority C	\$100			
Total	\$800	\$500	\$300	\$500



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF CULTURAL AFFAIRS - 126
QUEENS BOTANICAL GARDEN MAINTENANCE & HORTICULTURE

Asset # : 2236

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Metal Panel	80%	Now	\$400	2048	**	5	\$5,000	A
<i>Deformed/Dented, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : West Facade</i>								
Metal Coiling Doors	15%			2039	**	5	\$1,600	A
Wood	5%			2039	**	5	\$800	A
Windows								
Aluminum	100%			2044	**	5	\$100	A
Roof								
Metal Panel	100%			2039	**	10	\$2,600	A
Interior								
Floors								
Cast in Place Concrete	85%			LIFE	**	5	\$1,400	C
Ceramic Tile	5%			2035	**	5		C
Vinyl Tile	10%			2030	**	3		C
Interior Walls								
Ceramic Tile	5%			2035	**	5	\$100	C
Gypsum Board	20%			LIFE	**	5	\$200	C
Metal Panel	75%			LIFE	**			C
Ceilings								
Exposed Struc: Steel	90%			LIFE	**			B
Gypsum Board	10%			LIFE	**	5	\$100	B

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
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%			2048	**	5		B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : 400 Amps</i>								
Switchgear / Switchboard								
Fused Disc Sw	100%			2048	**	5		B
Raceway								
Conduit	100%			2048	**	1		B
Panelboards								
Molded Case Bkrs	100%			2044	**	5	\$100	B
Wiring								
Thermoplastic	100%			2048	**	1		B
Motor Controllers								
Locally Mounted	100%			2039	**	5		B
Ground								
Grounding Devices								
Not Accessible	100%							D
Lighting								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF CULTURAL AFFAIRS - 126
QUEENS BOTANICAL GARDEN MAINTENANCE & HORTICULTURE

Asset # : 2236

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Lighting								
Interior Lighting Fluorescent	50%			2030	**	10	\$1,700	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Using T-5 Lamps</i>								
HID	50%			2030	**	10	\$100	B
Exterior Lighting HID	100%			2027	**	10		B
Alarm								
Security System No Component	90%							D
Generic	10%			2027	**	1	\$100	B
Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source Electricity	25%			2048	**	1		B
Natural Gas	75%			2048	**	1		B
Conversion Equipment Furnace	75%			2030	**	1	\$1,400	B
<i>Other Observation, Extent : Light, Area Affected : 75%</i>								
<i>Location : Various, 1st Floor</i>								
<i>Explanation : 6 Units</i>								
Radiant Heater	25%			2030	**	2	\$400	B
Terminal Devices Induction Unit	25%			2035	**	1	\$300	B
No Component	75%							D
Air Conditioning								
Energy Source Electricity	100%			2044	**	1		B
Conversion Equipment Window/Wall Unit	30%			2021		1	\$2,600	B
No Component	70%							D
Ventilation								
Exhaust Fans Wall Unit	100%			2030	**	2	\$100	B
Plumbing								
H/C Water Piping Brass/Copper	100%			2048	**	1		B
Water Heater Electric	100%			2021		4	\$600	B
Sanitary Piping Cast Iron	100%			LIFE	**	1		B

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF CULTURAL AFFAIRS - 126
QUEENS BOTANICAL GARDEN MAINTENANCE & HORTICULTURE

Asset # : 2236

Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Plumbing								
Storm Drain Piping Plastic/PVC	100%			2039	* *	1		B
Backflow Preventer Generic	100%			2030	* *	1	\$200	B
Fixtures Generic	100%							B
Fire Suppression								
Sprinkler Generic	100%			2048	* *	1-2	\$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.*

Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : QUEENS BOTANICAL GARDEN PROPAGATION BLDG
Address : 43-50 MAIN STREET
Borough : QUEENS **Agency's Number** : N/A
Program / Asset # : DCA0016.040 / 2233 **Yr Built/Renovated** : 1984 /
Area Sq Ft : 1,440 **Project Type** : CULTURAL AFFAIRS
Date of Survey : 25-Feb-2011 **Landmark Status** : NONE
Areas Surveyed : Roof, Floors 1
Block : 5107 **Lot** : 200 **BIN** : 4518265

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$67,200	
Total	\$67,200	
Priority A	\$67,200	
Total	\$67,200	

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$31,000		\$600	
Interior Architecture		\$100		
Electrical			\$8,900	
Mechanical	\$300		\$2,100	
Total	\$31,200	\$100	\$11,600	
Priority A	\$31,000		\$600	
Priority B	\$300	\$100	\$11,000	
Priority C		\$100		
Total	\$31,200	\$100	\$11,600	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
 Estimates are rounded to the nearest hundred dollars.
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
 ** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF CULTURAL AFFAIRS - 126
QUEENS BOTANICAL GARDEN PROPAGATION BLDG

Asset # : 2233

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Metal Panel	10%			2042	**	5-10	\$2,100	A
Stucco Cement	90%			2035	**	5	\$6,800	A
Windows								
Aluminum	100%	Now	\$23,000	2047	**	5	\$200	A
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Glazing Broken/Cracked, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Thermally Inefficient, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
Roof								
Metal Panel	40%	Now	\$4,600	2035	**			A
<i>Gut/DS Non Func/Miss, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : North Facade</i>								
Sloped Glazing	60%	Now	\$67,200	LIFE	**	5	\$33,600	A
<i>Glazing Broken/Cracked, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Interior								
Floors								
Cast in Place Concrete	90%			LIFE	**	5	\$3,500	C
Ceramic Tile	10%			2031	**	5	\$200	C
Interior Walls								
Concrete Masonry Unit	100%			LIFE	**	5	\$1,200	C
Ceilings								
Gypsum Board	10%			LIFE	**	5	\$100	B
Metal Panel	20%			LIFE	**	5	\$200	B
No Component	70%							D

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Raceway								
Conduit	100%			2022	\$5,800	1		B
Panelboards								
Molded Case Bkrs	100%			2021	\$11,200	5		B
Wiring								
Thermoplastic	100%			2022	\$5,400	1		B
Motor Controllers								
Locally Mounted	100%			2020	\$5,200	5		B

Lighting

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPARTMENT OF CULTURAL AFFAIRS - 126
QUEENS BOTANICAL GARDEN PROPAGATION BLDG**

Asset # : 2233

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Lighting								
Interior Lighting Fluorescent	100%			2017	\$7,000	10	\$1,100	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Using T-12 Lamps</i>								
Egress Lighting Exit, Service	100%			2017	\$200	1		B
Exterior Lighting HID	100%			2017	\$500	10		B
Alarm								
Security System No Component	95%							D
Generic	5%			2017	\$200	1		B
Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source HTHW/HW	100%			2032	**	1		B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Education Building</i>								
<i>Explanation : Hot Water Provided By Adjacent Building</i>								
Distribution Hot Wtr Piping/Pump	100%			2021	\$6,700	4	\$100	B
Terminal Devices Convactor/Radiator	100%			2020	\$12,600	1	\$400	B
Ventilation								
Exhaust Fans Wall Unit	100%			2017	\$2,000	2		B
Plumbing								
H/C Water Piping Brass/Copper	100%			2032	**	1		B
Water Heater Electric	100%			2015	\$200	4		B
Sanitary Piping Cast Iron	100%			LIFE	**	1		B
Storm Drain Piping Cast Iron	100%			LIFE	**	1		B
Fixtures Generic	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.

Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : QUEENS MUSEUM OF ART
Address : FLUSHING MEADOWS CORONA PARK GRAND CENTRAL PARKWAY
Borough : QUEENS **Agency's Number** : N/A
Program / Asset # : DCA0020.000 / 1551 **Yr Built/Renovated** : 1938 / 1994
Area Sq Ft : 137,232 **Project Type** : CULTURAL AFFAIRS
Date of Survey : 27-Apr-2009 **Landmark Status** : NONE
Areas Surveyed : Roof, Floors 1,2
Block : 2018 **Lot** : 1 **BIN** : 4458851

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$965,400	\$170,000
Interior Architecture	\$145,700	\$344,800
Electrical		\$44,500
Mechanical	\$449,600	\$112,600
Total	\$1,560,700	\$671,900
Priority A	\$965,400	\$170,000
Priority B	\$449,600	\$346,100
Priority C	\$145,700	\$155,800
Total	\$1,560,700	\$671,900

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$67,100			
Interior Architecture	\$13,700	\$8,400		
Electrical	\$38,900	\$300	\$400	\$2,600
Mechanical	\$80,300	\$62,600	\$45,200	\$59,800
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$204,000	\$75,200	\$49,600	\$66,400
Priority A	\$67,100			
Priority B	\$128,800	\$66,800	\$49,600	\$66,400
Priority C	\$8,100	\$8,400		
Total	\$204,000	\$75,200	\$49,600	\$66,400



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF CULTURAL AFFAIRS - 126
QUEENS MUSEUM OF ART
Asset # : 1551

Architecture	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Glazed Ceramic Panel	5%	Now	\$9,000	LIFE	**	5	\$23,900	A
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Building Base</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Building Base</i>								
<i>Explanation : Paited Surfaces</i>								
Granite Panels	5%			LIFE	**	5	\$3,800	A
Panel/Paver: Limestone	55%	Now	\$692,400	LIFE	**	5	\$42,100	A
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : West Facade</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : West Facade</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Painted Surfaces</i>								
Pre-Cast Concrete	5%			LIFE	**	5	\$16,600	A
Pre-Cast Concrete	15%			LIFE	**	5	\$49,700	A
Window Wall	15%	Now	\$16,700	2040	**	5	\$28,700	A
<i>Caulking Deteriorated, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : East Facade</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : East Facade</i>								
Windows								
Glass Block	85%	Now	\$6,500	LIFE	**	5	\$300	A
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Penthouse, West Facade</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Penthouse, West Facade</i>								
Metal Louvers	5%			2023	\$1,100	10	\$200	A
Steel	10%	Now	\$3,800	2045	**	5	\$400	A
<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Stairs</i>								
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Stairs</i>								
<i>Thermally Inefficient, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Stairs</i>								
Parapets								
Metal Panel	100%			2030	**	5	\$62,100	A

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Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF CULTURAL AFFAIRS - 126
QUEENS MUSEUM OF ART
Asset # : 1551

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Roof								
Spray-on Foam	100%	Now	\$273,000	2030	**	5	\$61,600	A
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Drains Inad/Misposn, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Penthouse, Over Revolving Door Exit On East Side, Various Locations On Second Floor, Ice Rink Area</i>								
Interior								
Floors								
Carpet	10%			2019	\$98,800	3	\$25,200	C
Cast in Place Concrete	5%			LIFE	**	5	\$18,400	C
Ceramic Tile	5%			2029	**	5	\$8,400	C
Wood	10%	Now	\$35,400	2048	**	5	\$15,800	C
<i>Misaligned/Bulging, Extent : Light, Area Affected : 10%</i>								
<i>Location : Corridor Adjacent To Condensate Pump Room On First Floor</i>								
<i>Ridging, Extent : Light, Area Affected : 10%</i>								
<i>Location : North Entrance Lobby</i>								
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Corridor Adjacent To Condensate Pump Room On First Floor</i>								
Wood	70%			2048	**	5	\$220,600	C
Interior Walls								
Ceramic Tile	5%			2029	**	5	\$4,500	C
Glass Block	5%			LIFE	**			C
Gypsum Board	85%			LIFE	**	5	\$45,500	C
Plaster	5%	Now	\$8,100	LIFE	**	5	\$1,300	C
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Roof Stair, Ice Rink Area</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Roof Stair, Ice Rink Area</i>								
Ceilings								
AcousTileSusp.Lay-In	10%	0-2	\$5,600	2033	**	5	\$8,400	B
<i>Broken/Missing Elements, Extent : Light, Area Affected : 5%</i>								
<i>Location : 2nd Floor, Condensate Pump Room</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : 2nd Floor, Education Workshops</i>								
Gypsum Board	90%			LIFE	**	5	\$189,000	B

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	

Under 600 Volts

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF CULTURAL AFFAIRS - 126
QUEENS MUSEUM OF ART
Asset # : 1551

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
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%			2020	\$32,400	5	\$500	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : Main Service Switch Rated @ 3000 Amperes.</i>								
Transformers								
Dry Type	100%			2033	**	5	\$400	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : 1000kva, 480/277/120v</i>								
Switchgear / Switchboard								
Fused Disc Sw	90%			2020	\$44,500	5	\$500	B
Molded Case Bkrs	10%			2030	**	5	\$300	B
Raceway								
Conduit	80%			2030	**	1		B
Conduit	20%			2040	**	1		B
Panelboards								
Fused Disc Sw	20%			2036	**	5	\$500	B
Molded Case Bkrs	80%			2028	**	5	\$2,400	B
Wiring								
Thermoplastic	80%			2030	**	1		B
Thermoplastic	20%			2040	**	1		B
Motor Controllers								
Locally Mounted	20%			2025	**	5	\$200	B
Motor Control Center	80%			2033	**	5	\$2,500	B
Ground								
Grounding Devices								
Not Accessible	100%							D
Lighting								
Interior Lighting								
Fluorescent	19%			2025	**	10	\$19,600	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Office Spaces</i>								
<i>Explanation : T8 Lamps And T12 Lamps</i>								
HID	1%			2015	\$4,700	10		B
Incandescent	80%			2025	**	2	\$2,000	B
Egress Lighting								
Emergency, Battery	50%			2025	**	10	\$13,600	B
Exit, Service	50%			2025	**	1		B

Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Natural Gas	100%			2030	**	1		B

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF CULTURAL AFFAIRS - 126
QUEENS MUSEUM OF ART
Asset # : 1551

Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Conversion Equipment								
Steam Boiler	100%			2025	**	1	\$111,300	B
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : In Ice Rink Side Of Bldg</i>							
	<i>Explanation : 3 Units</i>							
<hr/>								
Distribution								
Steam Piping/Pump	100%	Now	\$44,500	2030	**	4	\$5,500	B
	<i>Malfunctioning, Extent : Moderate, Area Affected : 5%</i>							
	<i>Location : Pneumatic Controls</i>							
<hr/>								
Terminal Devices								
Air Handler	80%	Now	\$27,500	2025	**	1	\$50,100	B
	<i>Broken, Extent : Light, Area Affected : 5%</i>							
	<i>Location : Pneumatic Controls</i>							
Convactor/Radiator	20%			2025	**	1	\$7,300	B
<hr/>								
Air Conditioning								
Energy Source								
Electricity	100%			2036	**	1		B
<hr/>								
Conversion Equipment								
Centrifugal, Elec Chiller	100%			2029	**	1	\$121,600	B
<hr/>								
Distribution								
Chilled Wtr Pipe/Pump	100%			2040	**	4	\$8,300	B
<hr/>								
Terminal Devices								
Air Handler/Cool/Ht	100%			2025	**	1	\$69,500	B
<hr/>								
Heat Rejection								
Water Cool Tower	100%			2018		2	\$113,000	B
<hr/>								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$62,600	B
<hr/>								
Exhaust Fans								
Interior	80%			2020		2	\$2,800	B
Roof	20%			2020		2	\$700	B
<hr/>								
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2025	**	1		B
<hr/>								
HW Heat Exchanger								
Low Temp	100%	0-2	\$39,500	2050	**	4	\$11,100	B
	<i>Obsolete Equipment, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Unit Is Too Small To Handle Entire Bldg</i>							
<hr/>								
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		B
<hr/>								
Storm Drain Piping								
Cast Iron	100%			LIFE	**	1		B
<hr/>								
Sump Pump(s)								
Rigid Piping	100%			2015		4	\$2,000	B
<hr/>								
Sewage Ejector(s)								
Electric	100%			2015		4	\$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.

DEPARTMENT OF CULTURAL AFFAIRS - 126
QUEENS MUSEUM OF ART
Asset # : 1551

Mechanical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Plumbing								
Fixtures								
Generic	100%							B
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	**			C
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : 1-2</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 : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : QUEENS THEATRE IN THE PARK
Address : FLUSHING MEADOWS CORONA PARK
Borough : QUEENS **Agency's Number** : N/A
Program / Asset # : DCA0032.000 / 3008 **Yr Built/Renovated** : 1964 / 2008
Area Sq Ft : 38,272 **Project Type** : CULTURAL AFFAIRS
Date of Survey : 27-Apr-2009 **Landmark Status** : NONE
Areas Surveyed : Roof, Floors 1,1m,2,3
Block : 2018 **Lot** : 1 **BIN** : 4464056

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$41,900	\$215,400
Interior Architecture		\$242,800
Electrical		\$48,500
Mechanical	\$384,900	\$72,300
Total	\$426,900	\$578,900
Priority A	\$41,900	\$215,400
Priority B	\$384,900	\$120,800
Priority C		\$242,800
Total	\$426,900	\$578,900

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$18,800			\$3,600
Interior Architecture	\$3,500	\$10,300		\$4,400
Electrical	\$10,500	\$2,200	\$2,300	\$47,200
Mechanical	\$23,700	\$7,800	\$15,900	\$14,800
Elevators/Escalators	\$7,900	\$7,900	\$7,900	\$7,900
Total	\$64,400	\$28,200	\$26,100	\$77,800
Priority A	\$18,800			\$3,600
Priority B	\$44,500	\$17,900	\$26,100	\$69,900
Priority C	\$1,200	\$10,300		\$4,400
Total	\$64,400	\$28,200	\$26,100	\$77,800



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF CULTURAL AFFAIRS - 126
QUEENS THEATRE IN THE PARK
Asset # : 3008

Architecture	Current Repair		Future Replacement		Maintenance		Priority Code	
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	60%			LIFE	**	5	\$136,500	A
Cast in Place Concrete	15%			LIFE	**	5	\$34,100	A
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Lobby And Mezzanine Offices</i>								
<i>Explanation : New Addition Built In 2008</i>								
Metal Panel	5%			2040	**	5-10	\$15,600	A
Metal Panel	3%			2050	**	5-10	\$9,400	A
Metal Coiling Doors	5%			2033	**	5	\$7,100	A
Window Wall	12%			2050	**	5	\$20,500	A
Windows								
Aluminum	20%			2045	**	5	\$300	A
Glass Block	80%			LIFE	**	5	\$700	A
Parapets								
Cast in Place Concrete	85%			LIFE	**	5	\$44,800	A
Copper/Terne	5%			2070	**	5	\$1,200	A
Metal/Glass Curt Wall	10%			2050	**	5	\$2,000	A
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Over Mezzanine Offices</i>								
<i>Explanation : This Component Is Actually Glass Panel With Metal Frame</i>								
Roof								
Copper/Terne	5%			2060	**	10	\$4,400	A
IRMA/Protected Membrane	25%			2030	**	10	\$8,800	A
IRMA/Protected Membrane	5%			2030	**	10	\$1,800	A
<i>Paver Block Ballast, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Over New Lobby</i>								
Metal Panel	65%			2025	**	10	\$41,900	A
<i>Recent Repair Evident, Extent : Light, Area Affected : 10%</i>								
<i>Location : Dome Over Theater</i>								
Interior								
Floors								
Carpet	20%			2019		3	\$14,100	C
Carpet	10%			2022		3	\$7,000	C
Cast in Place Concrete	20%			LIFE	**	5	\$20,500	C
Ceramic Tile	2%			2029	**	5	\$900	C
Ceramic Tile	3%			2035	**	5	\$1,400	C
Marble Panels	17%			LIFE	**	5	\$6,000	C
Vinyl Tile	18%			2025	**	3	\$3,200	C
Wood	10%			2048	**	5	\$8,800	C

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF CULTURAL AFFAIRS - 126
QUEENS THEATRE IN THE PARK
Asset # : 3008

Architecture		Current Repair		Future Replacement		Maintenance			
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
Interior									
Interior Walls									
Cast in Place Concrete	10%			LIFE	**			C	
Ceramic Tile	3%			2035	**	5	\$1,000	C	
Ceramic Tile	2%			2029	**	5	\$600	C	
Fabric on Framing	28%			2021	\$242,800	5	\$4,400	C	
Glass: Single Pane	10%			LIFE	**	5	\$2,400	C	
Gypsum Board	10%			LIFE	**	5	\$1,900	C	
Gypsum Board	14%			LIFE	**	5	\$2,700	C	
Plaster	18%			LIFE	**	5	\$1,700	C	
Wood	5%			LIFE	**	5	\$6,300	C	
Ceilings									
AcousTileSusp.Lay-In	10%			2040	**	5	\$4,700	B	
Exposed Concrete	10%			LIFE	**	5	\$700	B	
Exposed Struc: Wood	30%			LIFE	**			B	
Gypsum Board	15%			LIFE	**	5	\$8,800	B	
Gypsum Board	10%			LIFE	**	5	\$5,900	B	
Metal Panel	10%			LIFE	**	5	\$5,900	B	
Plaster	15%			LIFE	**	5	\$4,400	B	
Electrical									
System Component Type		% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Over 600 Volts									
Service Equipment									
Fused Disc Sw	100%			2020	\$33,400	3	\$100	B	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>									
<i>Location : Electrical Room</i>									
<i>Explanation : Feeder Switch Rated @ 600a, 4160v.</i>									
Transformers									
Dry Type	100%			2018	\$33,300	3	\$200	B	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>									
<i>Location : Electrical Room</i>									
<i>Explanation : 750kva ,4160-208/120v</i>									
Feeders									
Not Accessible	100%							D	
Raceway									
Conduit	100%			2030	**	1		B	
Under 600 Volts									
Service Equipment									
Fused Disc Sw	100%			2020	\$1,600	5	\$100	B	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>									
<i>Location : Electrical Room</i>									
<i>Explanation : 2- Main Service Switch Rated @ 2500a Each.</i>									

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Estimates are rounded to the nearest hundred dollars.

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DEPARTMENT OF CULTURAL AFFAIRS - 126
QUEENS THEATRE IN THE PARK
Asset # : 3008

Electrical	Current Repair		Future Replacement		Maintenance		Priority Code	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)		Estimated Cost
Under 600 Volts								
Transformers								
Dry Type	100%			2037	**	5	\$100	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : 75kva And 50kva</i>								
Switchgear / Switchboard								
Fused Disc Sw	50%			2020	\$9,900	5	\$100	B
Fused Disc Sw	50%			2046	**	5	\$100	B
Raceway								
Conduit	80%			2020	\$17,200	1		B
Conduit	20%			2046	**	1		B
Panelboards								
Fused Disc Sw	10%			2042	**	5	\$100	B
Molded Case Bkrs	70%			2019	\$11,800	5	\$600	B
Molded Case Bkrs	15%			2028	**	5	\$100	B
Molded Case Bkrs	5%			2042	**	5		B
Wiring								
Thermoplastic	80%			2020	\$12,000	1		B
Thermoplastic	20%			2046	**	1		B
Motor Controllers								
Locally Mounted	40%			2018	\$6,800	5	\$100	B
Locally Mounted	60%			2025	**	5	\$100	B
Ground								
Grounding Devices								
Not Accessible	100%							D
Stand-by Power								
Transfer Switches								
Automatic	50%			2025	**	1	\$4,800	B
Automatic	50%			2037	**	1	\$4,800	B
Generators								
Diesel	100%			2033	**	1	\$12,100	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Outside</i>								
<i>Explanation : 218kva, Diesel Cummins Genset.</i>								
Batteries								
Lead/Acid	100%			2015	\$600	5	\$1,200	B
Fuel Storage								
Main Tank	100%			2055	**	5	\$900	B
Lighting								

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DEPARTMENT OF CULTURAL AFFAIRS - 126
QUEENS THEATRE IN THE PARK
Asset # : 3008

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Lighting								
Interior Lighting								
Fluorescent	70%			2020	\$48,500	10	\$20,100	B
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Office Spaces</i>						
		<i>Explanation : T8, T12 And Cfl Lamps</i>						
Fluorescent	10%			2028	**	10	\$2,900	B
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : New Addition</i>						
		<i>Explanation : T-5 Lamps</i>						
Incandescent	20%			2020	\$13,800	2	\$100	B
Egress Lighting								
Emergency, Battery	25%			2015	\$3,200	10	\$1,900	B
Emergency, Battery	25%			2028	**	10	\$1,900	B
Exit, Service	25%			2015	\$1,300	1		B
Exit, Service	25%			2028	**	1		B

Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Natural Gas	100%			2040	**	1		B
Conversion Equipment								
Hot Water Boiler	100%			2033	**	1	\$15,500	B
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : 3 In Old Section, 3 In New Addition</i>						
		<i>Explanation : 6 Units Total</i>						
Distribution								
Hot Wtr Piping/Pump	100%			2036	**	4	\$2,300	B
Terminal Devices								
Air Handler	80%			2025	**	1	\$15,500	B
Convactor/Radiator	10%			2033	**	1	\$1,000	B
Fan Coil Unit/Heat	10%			2025	**	1	\$1,000	B
Air Conditioning								
Energy Source								
Electricity	100%			2036	**	1		B
Conversion Equipment								
Int Pkg Unit - Heating/Cooling	40%			2018	\$283,000	2	\$800	B
Reciprocating Compr/Chiller	60%			2020	\$72,300	1	\$8,700	B
Distribution								
Chilled Wtr Pipe/Pump	60%			2040	**	4	\$1,400	B
No Component	40%							D
Terminal Devices								
Air Handler/Cool/Ht	100%			2025	**	1	\$19,400	B

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Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF CULTURAL AFFAIRS - 126
QUEENS THEATRE IN THE PARK
Asset # : 3008

Mechanical	Current Repair		Future Replacement		Maintenance		Priority Code	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)		Estimated Cost
Air Conditioning								
Heat Rejection								
Water Cool Tower	100%			2015	\$102,000	2	\$31,500	B
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$17,500	B
Exhaust Fans								
Interior	100%			2025	* *	2	\$1,000	B
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2033	* *	1		B
Water Heater								
Gas Fired	100%			2018	\$8,300	2	\$500	B
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		B
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		B
Sump Pump(s)								
Rigid Piping	100%			2015	\$10,300	4	\$2,000	B
Sewage Ejector(s)								
Electric	100%			2025	* *	4	\$1,300	B
Backflow Preventer								
Generic	100%			2025	* *	1	\$1,900	B
Fixtures								
Generic	100%							B
Vertical Transport								
Elevators								
Gearless Traction	100%			LIFE	* *			C
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : B, 1, 2</i>								
<i>Explanation : 2 Units - 1 Passenger, 1 Freight</i>								

Note : 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 : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : SNUG HARBOR CULT CNTR & BOTN GDN BARN OF BOTANY
Address : 1000 RICHMOND TERRACE
Borough : STATEN ISLAND **Agency's Number** : N/A
Program / Asset # : DCA0039.040 / 13418 **Yr Built/Renovated** : 2000 /
Area Sq Ft : 4,500 **Project Type** : CULTURAL AFFAIRS
Date of Survey : 22-May-2013 **Landmark Status** : NONE
Areas Surveyed : Roof, Floors 1
Block : 76 **Lot** : 200 **BIN** : 5113026

CAPITAL**Total**

Priority

Total

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture			\$5,300	
Interior Architecture	\$11,800		\$200	\$100
Electrical	\$100			
Mechanical	\$100	\$100	\$100	\$100
Total	\$12,000	\$100	\$5,600	\$200
Priority A			\$5,300	
Priority B	\$5,700	\$100	\$300	\$100
Priority C	\$6,200			\$100
Total	\$12,000	\$100	\$5,600	\$200



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Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF CULTURAL AFFAIRS - 126
SNUG HARBOR CULT CNTR & BOTN GDN BARN OF BOTANY

Asset # : 13418

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Cement-Fiber Panel	90%			2029	**	10	\$7,500	A
Wood Overhead Doors	10%			2037	**	5	\$1,300	A
Windows								
Aluminum	5%			2040	**	5		A
No Component	95%							D
Roof								
Metal Panel	100%			2037	**	10	\$4,600	A
Interior								
Floors								
Cast in Place Concrete	85%			LIFE	**	5	\$11,400	C
Vinyl Tile	15%	2-4	\$200	2029	**	3	\$200	C
<i>Cracking/Crumbling, Extent : Light, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
Interior Walls								
Gypsum Board	10%	2-4	\$300	LIFE	**	5	\$100	C
<i>Cracking/Crumbling, Extent : Light, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
No Component	90%							D
Ceilings								
AcousTileSusp.Lay-In	10%			2037	**	5	\$300	B
Exposed Struc: Steel	90%			LIFE	**	10	\$5,500	B

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
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%			2044	**	5	\$100	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : One 225 Amps Main Disconnect Switch</i>								
Transformers								
Dry Type	100%			2037	**	5		B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : One 75 Kva 480-208/120v</i>								
Raceway								
Conduit	100%			2044	**	1		B
Panelboards								
Fused Disc Sw	5%			2040	**	5		B
Molded Case Bkrs	95%			2040	**	5	\$100	B
Wiring								
Thermoplastic	100%			2044	**	1		B
Motor Controllers								
Locally Mounted	100%			2037	**	5		B

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Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF CULTURAL AFFAIRS - 126
SNUG HARBOR CULT CNTR & BOTN GDN BARN OF BOTANY

Asset # : 13418

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$100	B
Lighting								
Interior Lighting								
Fluorescent	50%			2029	**	10	\$900	B
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Using T-12 Lamps</i>						
Fluorescent	50%			2029	**	10	\$900	B
		<i>T-5 Lamps, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Garage</i>						
Egress Lighting								
Emergency, Battery	50%			2029	**	10	\$200	B
Exit, Service	50%			2029	**	1		B
Mechanical								
Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Natural Gas	100%			2044	**	1		B
Conversion Equipment								
Furnace	75%			2024	\$2,400	1	\$800	B
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : 1st Floor</i>						
		<i>Explanation : One Unit</i>						
No Component	25%							D
Ventilation								
Exhaust Fans								
Wall Unit	75%			2024	\$2,600	2		B
No Component	25%							D
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2044	**	1		B
Water Heater								
Electric	25%			2019	\$100	4		B
No Component	75%							D
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		B
Backflow Preventer								
Generic	100%			2029	**	1	\$100	B
Fixtures								
Generic	100%							B

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Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : SNUG HARBOR CULT CNTR & BOTN GDN BLDG C - NEWHOUSE CENTER
Address : 1000 RICHMOND TERRACE
Borough : STATEN ISLAND **Agency's Number** : N/A
Program / Asset # : DCA0024.030 / 2414 **Yr Built/Renovated** : 1833 /
Area Sq Ft : 21,400 **Project Type** : CULTURAL AFFAIRS
Date of Survey : 29-May-2013 **Landmark Status** : INTERIOR & EXTERIOR LANDMARK
Areas Surveyed : Basement, Roof, Floors 1,3
Block : 76 **Lot** : 200 **BIN** : 5113026

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$1,008,400	
Interior Architecture	\$825,200	
Electrical	\$48,100	\$89,700
Total	\$1,881,700	\$89,700
Priority A	\$1,008,400	
Priority B	\$227,300	\$89,700
Priority C	\$646,000	
Total	\$1,881,700	\$89,700

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$22,400			
Interior Architecture	\$24,900			
Electrical	\$43,700	\$1,000	\$1,400	\$1,000
Mechanical	\$4,500	\$1,400	\$1,000	\$2,500
Total	\$95,500	\$2,400	\$2,500	\$3,500
Priority A	\$22,400			
Priority B	\$64,600	\$2,400	\$2,500	\$3,500
Priority C	\$8,400			
Total	\$95,500	\$2,400	\$2,500	\$3,500



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF CULTURAL AFFAIRS - 126
SNUG HARBOR CULT CNTR & BOTN GDN BLDG C - NEWHOUSE CENTER

Asset # : 2414

Architecture	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	75%	Now	\$295,100	LIFE	**	5	\$27,200	A
<i>Diagonal Cracks, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Corners</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
Masonry: Limestone	25%	Now	\$367,600	LIFE	**	5	\$6,800	A
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : North Facade</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : North Facade</i>								
Windows								
Wood	100%	2-4	\$168,700	2049	**	5	\$25,000	A
<i>Air Infiltration, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Thermally Inefficient, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Split/Cracked, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
Parapets								
Metal Rail	5%	4+	\$900	2029	**	5	\$900	A
<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
Wood Cornice	95%	Now	\$50,400	2034	**	5	\$14,400	A
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Paint Peeling, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Split/Cracked, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF CULTURAL AFFAIRS - 126
SNUG HARBOR CULT CNTR & BOTN GDN BLDG C - NEWHOUSE CENTER

Asset # : 2414

Architecture	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Roof								
Metal Panel	8%	2-4	\$5,000	2037	**			A
	<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 20%</i>							
	<i>Location : Throughout</i>							
Modified Bitumen	10%	2-4	\$16,500	2034	**			A
	<i>Punct/Tear/Impact Damage, Extent : Severe, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
Single Ply Membrane	80%	0-2	\$65,000	2034	**			A
	<i>Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 20%</i>							
	<i>Location : Main Roof</i>							
	<i>Seams Open/Split, Extent : Moderate, Area Affected : 15%</i>							
	<i>Location : Main Roof</i>							
	<i>Water Penetration, Extent : Moderate, Area Affected : 15%</i>							
	<i>Location : Second Floor</i>							
Skylight, Metal/Glass	2%	4+	\$61,600	2054	**			A
	<i>Punct/Tear/Impact Damage, Extent : Severe, Area Affected : 10%</i>							
	<i>Location : Throughout</i>							
Interior								
Floors								
Wood	50%	Now	\$342,800	2064	**	5	\$14,100	C
	<i>Broken/Missing Elements, Extent : Severe, Area Affected : 80%</i>							
	<i>Location : Basement</i>							
	<i>Dry Rot/Decay, Extent : Severe, Area Affected : 50%</i>							
	<i>Location : Basement</i>							
Wood	50%			2039	**	5	\$28,200	C
Interior Walls								
Plaster	50%	Now	\$303,200	LIFE	**	5	\$4,600	C
	<i>Broken/Missing Elements, Extent : Severe, Area Affected : 50%</i>							
	<i>Location : Throughout</i>							
	<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 50%</i>							
	<i>Location : Basement And Throughout</i>							
Plaster	50%			LIFE	**	5-10	\$13,100	C
Ceilings								
Plaster	20%	2-4	\$12,400	LIFE	**	5	\$3,800	B
	<i>Cracking/Crumbling, Extent : Light, Area Affected : 20%</i>							
	<i>Location : Throughout</i>							
Plaster	30%	Now	\$166,700	LIFE	**	5	\$5,600	B
	<i>Broken/Missing Elements, Extent : Severe, Area Affected : 50%</i>							
	<i>Location : Basement</i>							
	<i>Cracking/Crumbling, Extent : Severe, Area Affected : 50%</i>							
	<i>Location : Basement</i>							
Plaster	50%			LIFE	**	5-10	\$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.

DEPARTMENT OF CULTURAL AFFAIRS - 126
SNUG HARBOR CULT CNTR & BOTN GDN BLDG C - NEWHOUSE CENTER

Asset # : 2414

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Switchgear / Switchboard								
Fused Knife Sw	100%	2-4	\$48,100	2054	**	5		B
<i>Obsolete Equipment, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>On Extended Life, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Raceway								
Conduit	100%			2024	\$26,200	1		B
Panelboards								
Fused Disc Sw	5%			2023	\$1,200	5		B
Fused Toggle Switch	65%	2-4	\$15,800	2049	**	5	\$100	B
<i>On Extended Life, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Molded Case Bkrs	30%			2032	**	5	\$100	B
Wiring								
Braided Cloth	80%	2-4	\$22,500	2049	**	1		B
<i>Insulation Aged, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Thermoplastic	20%			2034	**	1		B
Lighting								
Interior Lighting								
Fluorescent	10%			2019	\$12,800	10	\$1,800	B
<i>T-12 Lamps, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
HID	20%			2019	\$18,000	10	\$100	B
Incandescent	70%			2019	\$89,700	2	\$300	B
Egress Lighting								
Emergency, Battery	50%			2019	\$4,500	10	\$2,400	B
Exit, Service	50%			2019	\$1,800	1		B
Exterior Lighting								
HID	100%			2034	**	10	\$100	B
Alarm								
Fire/Smoke Detection								
Generic	100%			2029	**	1-3	\$10,800	B

Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Campus Steam	100%			2034	**	1		B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Building L</i>								
<i>Explanation : Steam From Power House</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF CULTURAL AFFAIRS - 126
SNUG HARBOR CULT CNTR & BOTN GDN BLDG C - NEWHOUSE CENTER

Asset # : 2414

Mechanical	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Conversion Equipment								
Pres. Reducing Valve/LP Steam	100%			2033	**	5	\$1,200	B
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Basement</i>							
	<i>Explanation : Not Accessible</i>							
Distribution								
Steam Piping/Pump	100%			2034	**	4	\$1,000	B
Terminal Devices								
Convactor/Radiator	100%			2029	**	1	\$6,500	B
Air Conditioning								
Energy Source								
Electricity	100%			2032	**	1		B
Conversion Equipment								
Window/Wall Unit	40%			2019	\$20,300	1		B
	<i>Other Observation, Extent : Light, Area Affected : 40%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : Units Are Removed During Winter Months</i>							
No Component	60%							D
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2029	**	1		B
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		B
Storm Drain Piping								
Cast Iron	100%	Now	\$3,400	LIFE	**	1		B
	<i>Blockage /Clogged, Extent : Moderate, Area Affected : 15%</i>							
	<i>Location : Side Yard, Roof Gutters</i>							
Fire Suppression								
Sprinkler								
Generic	100%			2044	**	1-2	\$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.

Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : SNUG HARBOR CULT CNTR & BOTN GDN BLDG D
Address : 1000 RICHMOND TERRACE
Borough : STATEN ISLAND **Agency's Number** : N/A
Program / Asset # : DCA0024.040 / 2390 **Yr Built/Renovated** : 1840 / 2013
Area Sq Ft : 22,400 **Project Type** : CULTURAL AFFAIRS
Date of Survey : 29-May-2013 **Landmark Status** : INTERIOR & EXTERIOR LANDMARK
Areas Surveyed : Basement, Roof, Floors 1,3
Block : 76 **Lot** : 200 **BIN** : 5113026

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$165,500	\$40,800
Total	\$165,500	\$40,800
Priority A	\$165,500	\$40,800
Total	\$165,500	\$40,800

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture		\$26,400		
Interior Architecture	\$67,700		\$19,500	\$600
Electrical	\$1,300	\$1,000	\$1,500	\$1,000
Mechanical	\$9,300	\$2,900	\$4,000	\$2,300
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$82,300	\$34,200	\$28,900	\$7,900
Priority A		\$26,400		
Priority B	\$36,900	\$7,800	\$9,400	\$7,300
Priority C	\$45,400		\$19,500	\$600
Total	\$82,300	\$34,200	\$28,900	\$7,900



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
 Estimates are rounded to the nearest hundred dollars.
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
 ** Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF CULTURAL AFFAIRS - 126
SNUG HARBOR CULT CNTR & BOTN GDN BLDG D**

Asset # : 2390

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Alum/Vinyl Siding	10%			2044	**	10	\$900	A
Masonry: Brick	80%	0-2	\$81,300	LIFE	**	5	\$22,500	A
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Masonry: Limestone	10%	2-4	\$38,000	LIFE	**	5	\$2,100	A
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Windows								
Wood	5%			2049	**	5	\$2,400	A
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Wood	95%	2-4	\$46,100	2032	**	5	\$22,800	A
<i>Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Parapets								
Metal Rail	100%			2041	**	5-10	\$67,200	A
Roof								
Clay Tile	80%			2050	**	10	\$17,800	A
Modified Bitumen	20%			2032	**	10	\$4,400	A
Interior								
Floors								
Carpet	5%			2023		3	\$1,800	C
Ceramic Tile	5%			2033	**	5	\$1,200	C
Vinyl Tile	5%			2032	**	3	\$500	C
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Wood	80%			2052	**	5	\$36,100	C
Wood	5%	2-4	\$27,500	2064	**	5	\$1,100	C
<i>Deteriorated Finish, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Interior Walls								
Ceramic Tile	5%			2037	**	5	\$1,400	C
Gypsum Board	20%			LIFE	**	5-10	\$9,700	C
Plaster	75%			LIFE	**	5-10	\$18,100	C
Ceilings								
Plaster	100%	2-4	\$22,300	LIFE	**	5	\$15,100	B
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	

Under 600 Volts

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF CULTURAL AFFAIRS - 126
SNUG HARBOR CULT CNTR & BOTN GDN BLDG D

Asset # : 2390

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2044	**	5	\$500	B
Raceway								
Conduit	100%			2044	**	1		B
Panelboards								
Fused Disc Sw	5%			2040	**	5		B
Molded Case Bkrs	95%			2040	**	5	\$500	B
Wiring								
Thermoplastic	100%			2044	**	1		B
Motor Controllers								
Locally Mounted	100%			2037	**	5	\$100	B
Lighting								
Interior Lighting								
Fluorescent	30%			2029	**	10	\$4,400	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : T-8 Lamps</i>								
Incandescent	70%			2029	**	2	\$300	B
Egress Lighting								
Emergency, Battery	50%			2029	**	10	\$1,900	B
Exit, Service	50%			2029	**	1		B
Exterior Lighting								
HID	100%			2029	**	10	\$100	B
Alarm								
Fire/Smoke Detection								
Generic	100%			2029	**	1-3	\$11,300	B

Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Campus Steam	100%			2034	**	1		B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Building L</i>								
<i>Explanation : Steam From Power House</i>								
Distribution								
Steam Piping/Pump	100%			2044	**	4	\$1,200	B
Terminal Devices								
Convactor/Radiator	100%			2037	**	1	\$5,200	B
Air Conditioning								
Energy Source								
District C.W.	75%			2034	**	1		B
Electricity	25%			2040	**	1		B

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPARTMENT OF CULTURAL AFFAIRS - 126
SNUG HARBOR CULT CNTR & BOTN GDN BLDG D**

Asset # : 2390

Mechanical	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Air Conditioning								
Conversion Equipment								
Centrifugal, Elec Chiller	50%			2033	**	1	\$8,700	B
<i>R-22 Refrigerant, Extent : Light, Area Affected : 100%</i>								
<i>Location : One Unit In Basement</i>								
Int Pkg Unit - Cooling	25%			2025	**	2	\$300	B
Ext Pkg Unit - Cooling	25%			2029	**	2	\$300	B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Roof Is Under Construction</i>								
<i>Explanation : Not Accessible</i>								
Distribution								
Chilled Wtr Pipe/Pump	50%			2044	**	4	\$600	B
No Component	50%							D
Terminal Devices								
Direct Expansion	25%			2029	**	1		B
Fan Coil - Cool/Heat	50%			2029	**	1	\$2,600	B
No Component	25%							D
Heat Rejection								
Air Condenser Unit	25%			2029	**	2	\$2,800	B
No Component	75%							D
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$14,200	B
Exhaust Fans								
Interior	70%			2029	**	2	\$400	B
Roof	30%			2029	**	2	\$200	B
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2029	**	1		B
Water Heater								
Electric	100%			2022		4	\$100	B
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		B
Storm Drain Piping								
Cast Iron	100%	Now	\$1,400	LIFE	**	1		B
<i>Blockage /Clogged, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Side Yard And Gutters</i>								
Fixtures								
Generic	100%							B
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	**			C
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : B, 1-3</i>								
<i>Explanation : 1 Unit</i>								
Fire Suppression								
Sprinkler								
Generic	100%			2044	**	1-2	\$4,500	B

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Estimates are rounded to the nearest hundred dollars.*

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPARTMENT OF CULTURAL AFFAIRS - 126
SNUG HARBOR CULT CNTR & BOTN GDN BLDG D
Asset # : 2390**

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : SNUG HARBOR CULT CNTR & BOTN GDN BLDG E
Address : 1000 RICHMOND TERRACE
Borough : STATEN ISLAND **Agency's Number** : N/A
Program / Asset # : DCA0024.050 / 2391 **Yr Built/Renovated** : 1879 / 2013
Area Sq Ft : 24,448 **Project Type** : CULTURAL AFFAIRS
Date of Survey : 28-Jun-2013 **Landmark Status** : EXTERIOR LANDMARK
Areas Surveyed : Basement, Roof, Floors 1,2,3
Block : 76 **Lot** : 200 **BIN** : 5113026

CAPITAL		FY 2015 - 2018	FY 2019 - 2024
Interior Architecture		\$1,865,200	
Electrical			\$177,700
Mechanical		\$279,900	\$173,900
Total		\$2,145,100	\$351,600
Priority B		\$841,600	\$351,600
Priority C		\$1,303,400	
Total		\$2,145,100	\$351,600

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$41,400	\$26,500		
Interior Architecture				
Electrical	\$43,600		\$100	\$100
Mechanical	\$7,300	\$1,200	\$2,200	\$700
Total	\$92,200	\$27,700	\$2,300	\$700
Priority A	\$41,400	\$26,500		
Priority B	\$50,900	\$1,200	\$2,300	\$700
Priority C				
Total	\$92,200	\$27,700	\$2,300	\$700



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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DEPARTMENT OF CULTURAL AFFAIRS - 126
SNUG HARBOR CULT CNTR & BOTN GDN BLDG E

Asset # : 2391

Architecture	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Cast Iron	2%			LIFE	**	10	\$5,900	A
	<i>Other Observation, Extent : Light, Area Affected : 66%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : Recent Repair 2013</i>							
Masonry: Brick	70%			LIFE	**	5	\$38,100	A
	<i>Recent Repair Evident, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
Masonry: Granite	5%			LIFE	**	5	\$2,000	A
	<i>Recent Repair Evident, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
Masonry: Limestone	23%			LIFE	**	5	\$9,400	A
Windows								
Wood	100%			2046	**	5	\$53,000	A
	<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Throughout 2013</i>							
Parapets								
Metal Cornice	50%			2059	**	10	\$5,900	A
Wood Cornice	50%			2050	**	5-10	\$24,300	A
Roof								
Single Ply Membrane	100%			2032	**	10	\$19,200	A
Interior								
Floors								
Wood	100%	2-4	\$693,200	2064	**	5	\$28,500	C
	<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 10%</i>							
	<i>Location : Throughout</i>							
	<i>Deteriorated Finish, Extent : Severe, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
	<i>Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 20%</i>							
	<i>Location : Throughout</i>							
	<i>Other Observation, Extent : Severe, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : This Building Is Not Occupied</i>							
Interior Walls								
Plaster	100%	2-4	\$610,300	LIFE	**	5	\$9,300	C
	<i>Cracking/Crumbling, Extent : Severe, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
Ceilings								
Plaster	100%	Now	\$561,800	LIFE	**	5	\$19,000	B
	<i>Broken/Missing Elements, Extent : Severe, Area Affected : 50%</i>							
	<i>Location : Throughout</i>							
	<i>Water Penetration, Extent : Moderate, Area Affected : 50%</i>							
	<i>Location : Second Floor</i>							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF CULTURAL AFFAIRS - 126
SNUG HARBOR CULT CNTR & BOTN GDN BLDG E**

Asset # : 2391

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2024	\$48,100	5	\$500	B
Raceway								
Conduit	100%			2024	\$26,200	1		B
Panelboards								
Fused Disc Sw	5%			2023	\$1,200	5		B
Fused Toggle Switch	75%	2-4	\$18,200	2049	**	5	\$200	B
<i>On Extended Life, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Molded Case Bkrs	20%			2023	\$4,900	5	\$100	B
Wiring								
Braided Cloth	90%	2-4	\$25,300	2049	**	1		B
<i>Insulation Aged, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Thermoplastic	10%			2024	\$2,800	1		B
Lighting								
Interior Lighting								
Incandescent	100%			2019	\$129,600	2	\$500	B
Egress Lighting								
Exit, Service	100%			2019	\$3,600	1		B
Exterior Lighting								
Incandescent	100%			2019	\$12,800	2		B
Mechanical								
Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating								
Energy Source								
Campus Steam	100%			2034	**	1		B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Building L</i>								
<i>Explanation : Steam Comes From Power House. This Building Is Not Occupied</i>								
Distribution								
Steam Piping/Pump	100%			2024	\$173,900	4	\$1,500	B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Tunnel From Bldg D</i>								
<i>Explanation : Steam From Power Plant</i>								
Terminal Devices								
Convactor/Radiator	100%	0-2	\$235,200	2044	**	1	\$5,900	B
<i>On Extended Life, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Antique Radiators - Original Equipment</i>								
Air Conditioning								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPARTMENT OF CULTURAL AFFAIRS - 126
SNUG HARBOR CULT CNTR & BOTN GDN BLDG E**

Asset # : 2391

Mechanical	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Air Conditioning								
Energy Source								
District C.W.	100%			2054	**	1		B
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Basement</i>							
	<i>Explanation : District Chilled Water Has Been Piped Into Building For Future Construction</i>							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$17,900	B
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Attic</i>							
	<i>Explanation : Original Wooden Ductwork Used For Natural Ventilation</i>							
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%	0-2	\$44,600	2037	**	1		B
	<i>Corroded, Extent : Moderate, Area Affected : 50%</i>							
	<i>Location : Basement Level</i>							
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		B
Sump Pump(s)								
Rigid Piping	100%			2019	\$11,100	4	\$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.

Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : SNUG HARBOR CULT CNTR & BOTN GDN BLDG F
Address : 1000 RICHMOND TERRACE
Borough : STATEN ISLAND **Agency's Number** : N/A
Program / Asset # : DCA0024.060 / 2392 **Yr Built/Renovated** : 1877 /
Area Sq Ft : 26,684 **Project Type** : CULTURAL AFFAIRS
Date of Survey : 16-May-2013 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1,3
Block : 76 **Lot** : 200 **BIN** : 5113026

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$355,400	\$90,300
Interior Architecture	\$546,700	
Electrical		\$392,200
Mechanical		\$455,800
Total	\$902,100	\$938,200
Priority A	\$355,400	\$90,300
Priority B	\$281,600	\$848,000
Priority C	\$265,100	
Total	\$902,100	\$938,200

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$15,900			
Interior Architecture	\$59,500	\$5,700	\$2,700	\$2,600
Electrical	\$53,100	\$1,500	\$1,500	\$1,900
Mechanical	\$32,000	\$1,700	\$1,000	\$1,200
Total	\$160,400	\$8,900	\$5,300	\$5,800
Priority A	\$15,900			
Priority B	\$85,000	\$8,900	\$2,500	\$3,200
Priority C	\$59,500		\$2,700	\$2,600
Total	\$160,400	\$8,900	\$5,300	\$5,800



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF CULTURAL AFFAIRS - 126
SNUG HARBOR CULT CNTR & BOTN GDN BLDG F

Asset # : 2392

Architecture	Current Repair			Future Replacement		Maintenance		Priority Code
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	\$114,000	LIFE	**	5	\$34,100	A
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<hr/>								
Windows								
Aluminum	5%	Now	\$15,900	2049	**	5	\$200	A
<i>Broken/Missing Elements, Extent : Light, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
Wood	95%	Now	\$196,300	2049	**	5	\$31,500	A
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
<i>Glazing Broken/Cracked, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<hr/>								
Parapets								
Metal Cornice	50%			2052	**	10	\$7,400	A
Wood Cornice	50%			2034	**	5-10	\$30,400	A
<hr/>								
Roof								
Single Ply Membrane	100%	Now	\$45,100	2024			\$90,300	A
<i>Gut/DS Non Func/Miss, Extent : Moderate, Area Affected : 70%</i>								
<i>Location : Throughout</i>								
<hr/>								
Interior								
Floors								
Carpet	15%			2023			\$32,300	C
Ceramic Tile	5%			2033	**	5	\$1,800	C
Vinyl Tile	37%	Now	\$128,400	2034	**	3	\$5,100	C
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : South Exit And Throughout</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : South Exit And Throughout</i>								
Wood	43%	Now	\$33,200	2039	**	5	\$14,800	C
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<hr/>								
Interior Walls								
Gypsum Board	5%			LIFE	**	5-10	\$3,000	C
Gypsum Board	10%	Now	\$64,600	LIFE	**	5	\$2,100	C
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Masonry: Brick	10%	Now	\$72,100	LIFE	**			C
<i>Spalling, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
Plaster	75%	Now	\$24,300	LIFE	**	5	\$8,000	C
<i>Water Penetration, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : South Exit, Throughout</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF CULTURAL AFFAIRS - 126
SNUG HARBOR CULT CNTR & BOTN GDN BLDG F

Asset # : 2392

Architecture	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	

Interior

Ceilings

AcousTileConcealSpLn	25%			2041	**	5	\$11,400	B
Plaster	75%	Now	\$281,600	LIFE	**	5	\$17,200	B

Broken/Missing Elements, Extent : Severe, Area Affected : 100%

Location : Throughout

Electrical	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	

Under 600 Volts

Raceway

Conduit	30%			2034	**	1		B
Conduit	70%			2024	\$16,900	1		B

Panelboards

Fused Toggle Switch	70%	2-4	\$15,700	2049	**	5	\$200	B
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On Extended Life, Extent : Moderate, Area Affected : 100%

Location : Throughout

Molded Case Bkrs	20%			2023	\$4,500	5	\$100	B
Molded Case Bkrs	10%			2040	**	5	\$100	B

Wiring

Braided Cloth	70%	2-4	\$18,200	2049	**	1		B
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Insulation Aged, Extent : Moderate, Area Affected : 100%

Location : Throughout

Thermoplastic	10%			2044	**	1		B
Thermoplastic	20%			2024	\$5,200	1		B

Motor Controllers

Locally Mounted	100%			2029	**	5	\$100	B
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Lighting

Interior Lighting

Fluorescent	65%			2019	\$93,800	10	\$14,600	B
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T-12 Lamps, Extent : Moderate, Area Affected : 100%

Location : Throughout The Building

Fluorescent	5%			2029	**	10	\$1,100	B
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T-8 Lamps, Extent : Moderate, Area Affected : 100%

Location : 2nd Floor

HID	1%			2024	\$1,000	10		B
Incandescent	29%			2019	\$41,900	2	\$200	B

Egress Lighting

Emergency, Battery	5%			2029	**	10	\$300	B
Emergency, Battery	45%			2019	\$4,500	10	\$2,700	B
Exit, Service	25%			2029	**	1		B
Exit, Service	25%			2019	\$1,000	1		B

Exterior Lighting

HID	100%			2024	\$9,100	10	\$100	B
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Alarm

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF CULTURAL AFFAIRS - 126
SNUG HARBOR CULT CNTR & BOTN GDN BLDG F

Asset # : 2392

Electrical	Current Repair		Future Replacement		Maintenance		Priority Code	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code

Alarm

Security System

No Component

70%

Generic

30%

2024

\$22,500

1

\$2,500

D

B

Other Observation, Extent : Moderate, Area Affected : 100%

Location : Hallways

Explanation : C C T V Surveillance Cameras

Fire/Smoke Detection

Generic

100%

2024

\$256,500

1-3

\$13,900

B

Other Observation, Extent : Moderate, Area Affected : 100%

Location : Throughout The Building

Explanation : Alarm Bells, Strobe Lights, Horns And Manual Pull Stations

Mechanical	Current Repair		Future Replacement		Maintenance		Priority Code	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code

Heating

Energy Source

Campus Steam

100%

2034

**

1

B

Other Observation, Extent : Light, Area Affected : 100%

Location : Building L

Explanation : Steam From Power House

Distribution

Steam Piping/Pump

100%

2024

\$193,700

4

\$1,800

B

Terminal Devices

Convactor/Radiator

100%

2022

\$262,100

1

\$7,900

B

Air Conditioning

Energy Source

Electricity

100%

2032

**

1

B

Conversion Equipment

Window/Wall Unit

20%

2019

\$11,400

1

B

No Component

80%

D

Plumbing

H/C Water Piping

Brass/Copper

70%

2034

**

1

B

Galv Iron/Steel

30%

0-2

\$2,500

2029

**

1

B

Corroded, Extent : Moderate, Area Affected : 10%

Location : Basement Level

Sanitary Piping

Cast Iron

100%

Now

\$18,100

LIFE

**

1

B

Corroded, Extent : Severe, Area Affected : 30%

Location : Waste Pipes In Basement Corroded Throughout

Storm Drain Piping

Cast Iron

100%

LIFE

**

1

B

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPARTMENT OF CULTURAL AFFAIRS - 126
SNUG HARBOR CULT CNTR & BOTN GDN BLDG F**

Asset # : 2392

Mechanical	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Plumbing								
Sump Pump(s)								
Rigid Piping	100%	0-2	\$10,300	2034	* *	4	\$1,300	B
	<i>Obsolete Equipment, Extent : Severe, Area Affected : 100%</i>							
	<i>Location : Basement</i>							
Fixtures								
Generic	100%							B
Fire Suppression								
Standpipe								
No Component	75%							D
Generic	25%			2024	\$24,800	1-5	\$3,200	B
Sprinkler								
No Component	75%							D
Generic	25%			2044	* *	1-2	\$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.

Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : SNUG HARBOR CULT CNTR & BOTN GDN BLDG G
Address : 1000 RICHMOND TERRACE
Borough : STATEN ISLAND **Agency's Number** : N/A
Program / Asset # : DCA0024.070 / 2413 **Yr Built/Renovated** : 1855 / 2013
Area Sq Ft : 36,760 **Project Type** : CULTURAL AFFAIRS
Date of Survey : 24-May-2013 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1,3
Block : 76 **Lot** : 200 **BIN** : 5113026

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$859,500	\$116,700
Interior Architecture	\$989,600	\$85,700
Electrical		\$190,100
Total	\$1,849,100	\$392,500
Priority A	\$859,500	\$116,700
Priority B	\$42,900	\$190,100
Priority C	\$946,700	\$85,700
Total	\$1,849,100	\$392,500

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$97,300			
Interior Architecture	\$117,400			\$5,300
Electrical	\$51,000	\$2,300	\$1,800	\$2,000
Mechanical	\$35,600	\$9,100	\$10,500	\$7,200
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$305,300	\$15,400	\$16,200	\$18,400
Priority A	\$97,300			
Priority B	\$132,800	\$15,400	\$16,200	\$13,100
Priority C	\$75,200			\$5,300
Total	\$305,300	\$15,400	\$16,200	\$18,400



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF CULTURAL AFFAIRS - 126
SNUG HARBOR CULT CNTR & BOTN GDN BLDG G

Asset # : 2413

Architecture	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	90%	Now	\$289,300	LIFE	**	5	\$43,300	A
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Corners</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Corners</i>								
Wood	10%	Now	\$302,400	2044	**	5	\$12,000	A
<i>Dry Rot/Decay, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : G - C Hyphen</i>								
<i>Split/Cracked, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : G/c Hyphen</i>								
Windows								
Wood	100%	Now	\$183,300	2032	**	5	\$73,400	A
<i>Air Infiltration, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : G - C Hyphen And Throughout</i>								
<i>Thermally Inefficient, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : G - C Hyphen</i>								
<i>Split/Cracked, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : G - C Hyphen</i>								
Parapets								
Metal Cornice	40%	Now	\$15,200	2052	**			A
<i>Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
Metal Rail	10%	0-2	\$1,500	2037	**	5	\$2,500	A
<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Hyphens G - F And G - H, Throughout</i>								
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Hyphens G - F And G - H</i>								
Wood Cornice	50%	Now	\$25,100	2034	**	5	\$10,300	A
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : South Wing, Throughout</i>								
<i>Split/Cracked, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : South Wing</i>								
Roof								
Copper/Terne	15%	Now	\$32,500	2052	**			A
<i>Punct/Tear/Impact Damage, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Modified Bitumen	10%	Now	\$22,900	2034	**			A
<i>Gut/DS Non Func/Miss, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Hyphen G - C</i>								
<i>Punct/Tear/Impact Damage, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Single Ply Membrane	75%	2-4	\$84,500	2034	**			A
<i>Punct/Tear/Impact Damage, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								

Interior

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPARTMENT OF CULTURAL AFFAIRS - 126
SNUG HARBOR CULT CNTR & BOTN GDN BLDG G**

Asset # : 2413

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
Floors								
Carpet	10%	Now	\$35,400	2026	**	3	\$9,000	C
<i>Punct/Tear/Impact Damage, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Cast in Place Concrete	10%	Now	\$45,700	LIFE	**	5	\$13,200	C
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 60%</i>								
<i>Location : Basement</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 60%</i>								
<i>Location : Basement</i>								
Ceramic Tile	10%	Now	\$132,800	2039	**	5	\$3,000	C
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Vinyl Tile	15%	Now	\$85,700	2034	**	3	\$3,400	C
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Kitchen Corridor</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Kitchen Corridor</i>								
Vinyl Tile	15%			2024	\$85,700	3	\$4,500	C
<i>Repairs in Progress, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Wood	40%	Now	\$508,700	2064	**	5	\$22,600	C
<i>Punct/Tear/Impact Damage, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Interior Walls								
Gypsum Board	30%			LIFE	**	5-10	\$27,000	C
<i>Repairs in Progress, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Plaster	60%	2-4	\$173,800	LIFE	**	5	\$9,500	C
<i>Cracking/Crumbling, Extent : Light, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Wood	10%			LIFE	**	5	\$42,300	C
Ceilings								
AcousTileConcealSpLn	10%	2-4	\$9,300	2029	**	5	\$3,800	B
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
Gypsum Board	25%			LIFE	**	5-10	\$51,800	B
Plaster	65%			LIFE	**	5-10	\$67,400	B

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	

Over 600 Volts

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF CULTURAL AFFAIRS - 126
SNUG HARBOR CULT CNTR & BOTN GDN BLDG G**

Asset # : 2413

Electrical	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Over 600 Volts								
Transformers								
Dry Type	100%			2022	\$33,300	3	\$200	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room - Basement</i>								
<i>Explanation : Two 600 Kva 4160-480/277 V</i>								
Feeder								
Cable	100%			2023	\$1,000	1		B
Raceway								
Conduit	100%			2024	\$3,500	1		B
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2024	\$3,000	5	\$100	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room - Basement</i>								
<i>Explanation : Two 1200 Amps Main Disconnect Switch</i>								
Transformers								
Dry Type	70%			2022	\$9,700	5	\$100	B
Dry Type	30%			2022	\$4,200	5		B
Switchgear / Switchboard								
Fused Disc Sw	80%			2024	\$35,600	5	\$100	B
Fused Knife Sw	20%	2-4	\$8,900	2054	**	5		B
<i>Obsolete Equipment, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>On Extended Life, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Raceway								
Conduit	80%			2024	\$19,300	1		B
Conduit	20%			2054	**	1		B
Panelboards								
Fused Disc Sw	5%			2023	\$1,700	5		B
Fused Knife Sw	5%	2-4	\$1,700	2049	**	5		B
<i>Obsolete Equipment, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>On Extended Life, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
Molded Case Bkrs	65%			2023	\$21,900	5	\$500	B
Molded Case Bkrs	25%			2049	**	5	\$200	B
Wiring								
Braided Cloth	40%	2-4	\$10,400	2049	**	1		B
<i>Insulation Aged, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
Thermoplastic	25%			2054	**	1		B
Thermoplastic	35%			2024	\$9,100	1		B
Motor Controllers								
Locally Mounted	75%			2022	\$15,500	5	\$200	B
Locally Mounted	25%			2044	**	5	\$100	B

Ground

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPARTMENT OF CULTURAL AFFAIRS - 126
SNUG HARBOR CULT CNTR & BOTN GDN BLDG G**

Asset # : 2413

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Ground								
Grounding Devices								
Generic	100%	2-4	\$900	LIFE	**	5	\$400	B
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Water Main</i>							
	<i>Explanation : Corroded</i>							
Lighting								
Interior Lighting								
Fluorescent	65%			2019	\$154,500	10	\$24,000	B
	<i>Other Observation, Extent : Moderate, Area Affected : 60%</i>							
	<i>Location : Throughout The Building</i>							
	<i>Explanation : T-12 Lamps</i>							
Fluorescent	25%			2034	**	10	\$9,200	B
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : 4th Floor</i>							
	<i>Explanation : T-8 Lamps</i>							
Incandescent	10%			2019	\$23,800	2	\$100	B
Egress Lighting								
Emergency, Battery	35%			2019	\$5,800	10	\$3,400	B
Emergency, Battery	15%			2034	**	10	\$1,500	B
Exit, LED	15%			2064	**	1		B
Exit, Service	35%			2019	\$2,300	1		B
Alarm								
Fire/Smoke Detection								
Generic	100%			2034	**	1-3	\$18,600	B

Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Campus Steam	100%			2034	**	1		B
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Building L</i>							
	<i>Explanation : Steam From Power House</i>							
Distribution								
Steam Piping/Pump	100%	Now	\$16,000	2034	**	4	\$2,000	B
	<i>Leak Evident, Extent : Moderate, Area Affected : 5%</i>							
	<i>Location : Basement</i>							
Terminal Devices								
Air Handler	40%			2032	**	1	\$10,000	B
Convactor/Radiator	60%			2029	**	1	\$7,800	B
Air Conditioning								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF CULTURAL AFFAIRS - 126
SNUG HARBOR CULT CNTR & BOTN GDN BLDG G

Asset # : 2413

Mechanical	Current Repair		Future Replacement		Maintenance		Priority Code	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Air Conditioning								
Energy Source								
District C.W.	100%			2034	**	1		B
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Building L</i>						
		<i>Explanation : Chilled Water From Power House</i>						
Distribution								
Chilled Wtr Pipe/Pump	100%			2044	**	4	\$3,000	B
Terminal Devices								
Air Handler/Cool/Ht	100%			2032	**	1	\$25,000	B
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$35,600	B
Exhaust Fans								
Interior	100%			2029	**	2	\$1,200	B
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2029	**	1		B
Water Heater								
Electric	100%			2022	\$7,100	4	\$200	B
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Basement</i>						
		<i>Explanation : Providing Hot Water To Adjacent Buildings</i>						
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		B
Storm Drain Piping								
Cast Iron	100%			LIFE	**	1		B
Sump Pump(s)								
Rigid Piping	100%			2024	\$10,300	4	\$2,000	B
Backflow Preventer								
Generic	100%			2029	**	1	\$2,500	B
Fixtures								
Generic	100%							B
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	**			C
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : B, L, 1, 2, 3</i>						
		<i>Explanation : One Unit</i>						
Fire Suppression								
Standpipe								
Generic	100%			2044	**	1-5	\$20,400	B
Sprinkler								
Generic	100%			2044	**	1-2	\$11,300	B

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF CULTURAL AFFAIRS - 126
SNUG HARBOR CULT CNTR & BOTN GDN BLDG G**

Asset # : 2413

Mechanical	Current Repair		Future Replacement		Maintenance		Priority Code	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code

Fire Suppression

Chemical System

No Component

90%

Generic

10%

2022

\$2,400

1-3

\$4,100

D

B

Dry System, Extent : Light, Area Affected : 100%

Location : Whdr- 400 S - Kitchen

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : SNUG HARBOR CULT CNTR & BOTN GDN BLDG H - VISITORS CENTER
Address : 1000 RICHMOND TERRACE
Borough : STATEN ISLAND **Agency's Number** : N/A
Program / Asset # : DCA0024.080 / 2393 **Yr Built/Renovated** : 1876 / 2000
Area Sq Ft : 26,684 **Project Type** : CULTURAL AFFAIRS
Date of Survey : 29-May-2013 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1,3
Block : 76 **Lot** : 200 **BIN** : 5113026

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$369,200	
Interior Architecture	\$677,500	
Electrical		\$110,900
Total	\$1,046,600	\$110,900
Priority A	\$369,200	
Priority B	\$300,500	\$110,900
Priority C	\$376,900	
Total	\$1,046,600	\$110,900

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$28,100			
Interior Architecture	\$32,000		\$2,600	\$1,500
Electrical	\$20,300	\$1,200	\$2,000	\$1,200
Mechanical	\$17,100	\$1,700	\$1,200	\$2,900
Total	\$97,500	\$2,900	\$5,800	\$5,700
Priority A	\$28,100			
Priority B	\$37,400	\$2,900	\$3,200	\$4,200
Priority C	\$32,000		\$2,600	\$1,500
Total	\$97,500	\$2,900	\$5,800	\$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.

DEPARTMENT OF CULTURAL AFFAIRS - 126
SNUG HARBOR CULT CNTR & BOTN GDN BLDG H - VISITORS CENTER

Asset # : 2393

Architecture	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	90%	4+	\$48,400	LIFE	**	5	\$28,900	A
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Masonry: Granite	5%	2-4	\$43,200	LIFE	**	5	\$1,200	A
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Metal Panel	5%	2-4	\$2,500	2034	**	5	\$3,000	A
<i>Corrosion/Rusting, Extent : Severe, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
Windows								
Wood	100%	2-4	\$191,900	2049	**	5	\$30,800	A
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 70%</i>								
<i>Location : Throughout</i>								
<i>Paint Peeling, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
Parapets								
Metal Cornice	50%	0-2	\$13,600	2039	**			A
<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Wood Cornice	50%	Now	\$12,000	2034	**	5	\$7,400	A
<i>Paint Peeling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Split/Cracked, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
Roof								
Single Ply Membrane	100%	0-2	\$85,700	2034	**			A
<i>Punct/Tear/Impact Damage, Extent : Severe, Area Affected : 60%</i>								
<i>Location : Throughout</i>								
Interior								
Floors								
Carpet	15%			2023	\$31,000	3	\$7,900	C
Ceramic Tile	5%	4+	\$3,900	2033	**	5	\$900	C
<i>Cracking/Crumbling, Extent : Light, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Vinyl Tile	35%	Now	\$116,700	2034	**	3	\$4,600	C
<i>Punct/Tear/Impact Damage, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Wood	45%	4+	\$100,100	2052	**	5	\$14,800	C
<i>Deteriorated Finish, Extent : Severe, Area Affected : 30%</i>								
<i>Location : Throughout</i>								

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Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF CULTURAL AFFAIRS - 126
SNUG HARBOR CULT CNTR & BOTN GDN BLDG H - VISITORS CENTER

Asset # : 2393

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
Interior Walls								
Gypsum Board	15%	2-4	\$28,200	LIFE	**	5	\$3,100	C
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
Plaster	85%	Now	\$160,100	LIFE	**	5	\$8,800	C
<i>Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
Ceilings								
Plaster	100%	Now	\$300,500	LIFE	**	5	\$22,000	B
<i>Punct/Tear/Impact Damage, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Throughout</i>								

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2034	**	5	\$600	B
Raceway								
Conduit	90%			2024	\$21,800	1		B
Conduit	10%			2044	**	1		B
Panelboards								
Fused Disc Sw	5%			2032	**	5		B
Molded Case Bkrs	95%			2032	**	5	\$600	B
Wiring								
Braided Cloth	40%	2-4	\$10,400	2049	**	1		B
<i>Insulation Aged, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Thermoplastic	50%			2034	**	1		B
Thermoplastic	10%			2044	**	1		B
Lighting								
Interior Lighting								
Fluorescent	20%			2029	**	10	\$4,300	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : T-8 Lamps</i>								
Fluorescent	40%			2019	\$55,500	10	\$8,600	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : T-12 Lamps</i>								
Incandescent	40%			2019	\$55,500	2	\$200	B
Egress Lighting								
Emergency, Battery	50%			2024	\$4,800	10	\$2,800	B
Exit, Service	50%			2024	\$1,900	1		B

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF CULTURAL AFFAIRS - 126
SNUG HARBOR CULT CNTR & BOTN GDN BLDG H - VISITORS CENTER

Asset # : 2393

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Lighting								
Exterior Lighting								
Incandescent	100%			2019	\$12,900	2		B
Alarm								
Fire/Smoke Detection								
Generic	100%			2029	**	1-3	\$13,500	B
Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating								
Energy Source								
Campus Steam	100%			2034	**	1		B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Building L</i>								
<i>Explanation : Steam From Power House</i>								
Conversion Equipment								
Pres. Reducing Valve/LP Steam	98%			2033	**	5	\$1,400	B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : Not Accessible</i>								
Radiant Heater	2%			2032	**	2	\$200	B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : First Floor</i>								
<i>Explanation : 4 Electric Heaters / Some Rooms Were Not Accessible</i>								
Distribution								
Steam Piping/Pump	100%			2034	**	4	\$1,200	B
Terminal Devices								
Convactor/Radiator	100%			2029	**	1	\$7,600	B
Air Conditioning								
Energy Source								
Electricity	100%			2032	**	1		B
Conversion Equipment								
Window/Wall Unit	30%			2019	\$16,400	1		B
No Component	70%							D
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%	0-2	\$15,900	2029	**	1		B
<i>Corroded, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Basement Level</i>								
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Basement</i>								
<i>Explanation : Not Accessible</i>								
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		B

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF CULTURAL AFFAIRS - 126
SNUG HARBOR CULT CNTR & BOTN GDN BLDG H - VISITORS CENTER

Asset # : 2393

Mechanical	Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	
Plumbing							
Storm Drain Piping							
Cast Iron	100%			LIFE	* *	1	B
Fixtures							
Generic	100%						B
Fire Suppression							
Sprinkler							
Generic	100%			2044	* *	1-2	\$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.*

Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : SNUG HARBOR CULT CNTR & BOTN GDN BLDG K - MATRONS HOUSE
Address : 1000 RICHMOND TERRACE
Borough : STATEN ISLAND **Agency's Number** : N/A
Program / Asset # : DCA0024.100 / 2242 **Yr Built/Renovated** : 1894 / 2013
Area Sq Ft : 4,500 **Project Type** : CULTURAL AFFAIRS
Date of Survey : 09-May-2013 **Landmark Status** : NONE
Areas Surveyed : Roof, Floors 1,2
Block : 76 **Lot** : 200 **BIN** :

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$59,600	
Total	\$59,600	
Priority A	\$59,600	
Total	\$59,600	

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$28,200			
Interior Architecture	\$37,900			
Electrical				
Mechanical	\$8,300	\$100	\$100	\$100
Total	\$74,300	\$100	\$100	\$100
Priority A	\$28,200			
Priority B	\$21,200	\$100	\$100	\$100
Priority C	\$24,900			
Total	\$74,300	\$100	\$100	\$100



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
 Estimates are rounded to the nearest hundred dollars.
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
 ** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF CULTURAL AFFAIRS - 126
SNUG HARBOR CULT CNTR & BOTN GDN BLDG K - MATRONS HOUSE

Asset # : 2242

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
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	\$17,100	LIFE	**	5	\$2,600	A
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Windows								
Wood	100%	Now	\$59,600	2049	**	5	\$9,600	A
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Deteriorated Finish, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Thermally Inefficient, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Roof								
Copper/Terne	100%	Now	\$11,100	2052	**			A
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
Interior								
Floors								
Wood	100%	Now	\$13,800	2039	**	5	\$3,100	C
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Interior Walls								
Plaster	100%	Now	\$11,100	LIFE	**	5	\$900	C
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Ceilings								
Plaster	100%	Now	\$13,000	LIFE	**	5	\$1,600	B
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 30%</i>								
<i>Location : Throughout</i>								

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Service Equipment								
Under Construction	100%							D
Transformers								
Not Accessible	100%							D
Switchgear / Switchboard								
Under Construction	100%							D
Raceway								
Under Construction	100%							D
Panelboards								
Under Construction	100%							D
Wiring								
Under Construction	100%							D

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF CULTURAL AFFAIRS - 126
SNUG HARBOR CULT CNTR & BOTN GDN BLDG K - MATRONS HOUSE**

Asset # : 2242

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Motor Controllers								
Under Construction	100%							D
Ground								
Grounding Devices								
Under Construction	100%							D
Lighting								
Interior Lighting								
Incandescent	95%			2019	\$12,300	2		B
Under Construction	5%							D
Egress Lighting								
Not Accessible	100%							D
Exterior Lighting								
Under Construction	100%							D
Alarm								
Security System								
Not Accessible	100%							D
Fire/Smoke Detection								
Not Accessible	100%							D

Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Campus Steam	100%			2034	**	1		B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Building L</i>								
<i>Explanation : Steam Provided From Power House Building L Which is Currently Undergoing Interior Renovation - No Access</i>								
Distribution								
Steam Piping/Pump	100%	0-2	\$5,200	2034	**	4	\$100	B
<i>Corroded, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Interior</i>								
<i>Explanation : Building Is Undergoing Interior Renovation - No Access</i>								
Terminal Devices								
Convactor/Radiator	100%	0-2	\$2,300	2022	\$23,400	1	\$600	B
<i>Corroded, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Interior</i>								
<i>Explanation : Building Is Undergoing Interior Renovation - No Access</i>								

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.*

DEPARTMENT OF CULTURAL AFFAIRS - 126
SNUG HARBOR CULT CNTR & BOTN GDN BLDG K - MATRONS HOUSE

Asset # : 2242

Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Plumbing								
H/C Water Piping Galv Iron/Steel	100%	0-2	\$700	2022	\$7,400	1		B
<i>Corroded, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Basement</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Interior</i>								
<i>Explanation : Building Is Undergoing Interior Renovation - No Access</i>								
<hr/>								
Sanitary Piping Cast Iron	100%			LIFE	* *	1		B
<hr/>								
Fixtures								
Generic	100%							B
<i>Not in Service, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : 1st & 2nd Floors</i>								
<i>Obsolete Fixtures, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<hr/>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : SNUG HARBOR CULT CNTR & BOTN GDN BLDG L - POWER PLANT
Address : 1000 RICHMOND TERRACE
Borough : STATEN ISLAND **Agency's Number** : N/A
Program / Asset # : DCA0024.110 / 2394 **Yr Built/Renovated** : 1901 / 2013
Area Sq Ft : 9,240 **Project Type** : CULTURAL AFFAIRS
Date of Survey : 26-Apr-2013 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1,3
Block : 76 **Lot** : 200 **BIN** : 5113026

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$189,400	
Interior Architecture	\$127,500	
Electrical		\$35,700
Mechanical	\$37,100	
Total	\$354,000	\$35,700
Priority A	\$189,400	
Priority B	\$85,700	\$35,700
Priority C	\$79,000	
Total	\$354,000	\$35,700

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$60,300			
Interior Architecture	\$61,200			
Electrical	\$15,600	\$400	\$700	\$500
Mechanical	\$21,300	\$3,000	\$2,100	\$3,300
Total	\$158,400	\$3,400	\$2,900	\$3,800
Priority A	\$60,300			
Priority B	\$65,400	\$3,400	\$2,900	\$3,800
Priority C	\$32,700			
Total	\$158,400	\$3,400	\$2,900	\$3,800



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF CULTURAL AFFAIRS - 126
SNUG HARBOR CULT CNTR & BOTN GDN BLDG L - POWER PLANT

Asset # : 2394

Architecture	Current Repair			Future Replacement		Maintenance		Priority Code
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	\$125,300	LIFE	**	5	\$18,700	A
<i>Paint Peeling, Extent : Light, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
<i>Vertical Cracks, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Corners</i>								
Windows								
Metal Louvers	2%	0-2	\$200	2027	**			A
<i>Broken/Missing Elements, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Steel	20%	Now	\$30,600	2049	**	5	\$3,300	A
<i>Air Infiltration, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Thermally Inefficient, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Wood	78%	Now	\$64,100	2049	**	5	\$10,300	A
<i>Air Infiltration, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Thermally Inefficient, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Split/Cracked, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Parapets								
Cast Stone/Terra Cotta	10%	0-2	\$800	LIFE	**	5	\$300	A
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Masonry: Brick	40%	Now	\$600	LIFE	**	5	\$200	A
<i>Vertical Cracks, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Corners</i>								
Wood Cornice	50%	Now	\$2,100	2034	**	5	\$1,300	A
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Split/Cracked, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF CULTURAL AFFAIRS - 126
SNUG HARBOR CULT CNTR & BOTN GDN BLDG L - POWER PLANT

Asset # : 2394

Architecture	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Exterior								
Roof								
Built-Up (BUR)	25%	Now	\$9,000	2034	**			A
	<i>Air/Water Blisters, Extent : Severe, Area Affected : 30%</i>							
	<i>Location : Flat Section</i>							
	<i>Vegetation Growth, Extent : Severe, Area Affected : 20%</i>							
	<i>Location : Flat Section</i>							
	<i>Worn/Eroded, Extent : Severe, Area Affected : 25%</i>							
	<i>Location : Flat Section</i>							
Copper/Terne	75%	0-2	\$17,100	2052	**			A
	<i>Punct/Tear/Impact Damage, Extent : Severe, Area Affected : 30%</i>							
	<i>Location : Throughout</i>							
Interior								
Floors								
Cast in Place Concrete	60%	2-4	\$9,200	LIFE	**	5	\$13,200	C
	<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Throughout</i>							
Wood	40%	Now	\$42,500	2052	**	5	\$3,800	C
	<i>Punct/Tear/Impact Damage, Extent : Severe, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
Interior Walls								
Concrete Masonry Unit	10%	0-2	\$2,200	LIFE	**	5	\$200	C
	<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Throughout</i>							
Masonry: Brick	5%	0-2	\$1,000	LIFE	**			C
	<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Throughout</i>							
Plaster	70%	Now	\$36,500	LIFE	**	5	\$1,200	C
	<i>Cracking/Crumbling, Extent : Severe, Area Affected : 30%</i>							
	<i>Location : Throughout</i>							
	<i>Punct/Tear/Impact Damage, Extent : Severe, Area Affected : 75%</i>							
	<i>Location : Throughout</i>							
Plywood/Hardboard	10%	Now	\$13,900	LIFE	**			C
	<i>Punct/Tear/Impact Damage, Extent : Severe, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
SGFT/Glazed Masonry	5%	Now	\$6,600	LIFE	**			C
	<i>Punct/Tear/Impact Damage, Extent : Severe, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF CULTURAL AFFAIRS - 126
SNUG HARBOR CULT CNTR & BOTN GDN BLDG L - POWER PLANT

Asset # : 2394

Architecture	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
Ceilings								
Exposed Struc: Steel	5%	4+	\$4,500	LIFE	**			B
<i>Corrosion/Rusting, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Masonry: Infill Arch	35%	Now	\$24,000	LIFE	**			B
<i>Broken/Missing Elements, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Plaster	60%	Now	\$48,600	LIFE	**	5	\$3,000	B
<i>Punct/Tear/Impact Damage, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								

Electrical	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Over 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2024	\$33,400	3		B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : No Nameplate Ratings Available</i>								
Transformers								
Dry Type	100%			2022	\$33,300	3		B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Second Floor Electrical Room</i>								
<i>Explanation : Two 750 Kva 4160 - 480/277 V</i>								
Feeders								
Cable	100%			2023	\$1,000	1		B
Raceway								
Conduit	100%			2024	\$3,500	1		B
Under 600 Volts								
Service Equipment								
Molded Case Bkrs	100%			2024	\$1,600	5	\$200	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : 2- Main Service Switches Rated @ 1600 Amperes</i>								
Transformers								
Dry Type	100%			2022	\$13,900	5		B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : 1- 75 Kva, 1- 25 Kva, 480/208/120 Volts</i>								
Switchgear / Switchboard								
Fused Knife Sw	20%	0-2	\$3,000	2054	**	5		B
<i>On Extended Life, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Mech Room In Basement</i>								
Molded Case Bkrs	80%			2024	\$11,900	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.

**DEPARTMENT OF CULTURAL AFFAIRS - 126
SNUG HARBOR CULT CNTR & BOTN GDN BLDG L - POWER PLANT**

Asset # : 2394

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts								
Raceway								
Conduit	10%			2034	**	1		B
Conduit	90%			2024	\$5,200	1		B
Panelboards								
Fused Disc Sw	10%			2032	**	5		B
Fused Toggle Switch	35%	2-4	\$3,900	2049	**	5		B
<i>On Extended Life, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Basement And Second Floor</i>								
Molded Case Bkrs	5%			2032	**	5		B
Molded Case Bkrs	50%			2023	\$5,600	5	\$100	B
Wiring								
Braided Cloth	50%	2-4	\$2,700	2049	**	1		B
<i>Insulation Aged, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Thermoplastic	10%			2034	**	1		B
Thermoplastic	40%			2024	\$2,200	1		B
Motor Controllers								
Locally Mounted	10%			2022	\$500	5		B
Motor Control Center	90%			2037	**	5	\$200	B
Ground								
Grounding Devices								
Not Accessible	100%							D
Lighting								
Interior Lighting								
Fluorescent	90%			2019	\$35,700	10	\$5,600	B
<i>T-12 Lamps, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
Incandescent	10%			2019	\$4,000	2		B
Exterior Lighting								
Incandescent	100%			2019	\$4,500	2		B
Lightning Protection								
Arresters/Cabling								
Generic	100%			2027	**	5	\$100	B
Alarm								
Fire/Smoke Detection								
Generic	100%			2029	**	1-3	\$4,700	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : Strobe Lights, Smoke Detectors, Horns And Manual Pull Station</i>								

Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating								
Energy Source								
Natural Gas	100%			2044	**	1		B

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Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF CULTURAL AFFAIRS - 126
SNUG HARBOR CULT CNTR & BOTN GDN BLDG L - POWER PLANT

Asset # : 2394

Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Conversion Equipment								
Steam Boiler	100%	0-2	\$37,100	2044	**	1	\$6,000	B
<i>Obsolete Equipment, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : 2 Units - Basement</i>								
Distribution								
Steam Piping/Pump	100%	Now	\$10,700	2044	**	4	\$300	B
<i>Corroded, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Basement</i>								
Terminal Devices								
Convactor/Radiator	100%			2029	**	1	\$2,200	B
Air Conditioning								
Energy Source								
Electricity	100%			2040	**	1		B
Conversion Equipment								
Centrifugal, Elec Chiller	100%			2027	**	1	\$7,300	B
<i>R-22 Refrigerant, Extent : Light, Area Affected : 100%</i>								
<i>Location : Chiller Room - First Floor</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : 1st Floor</i>								
<i>Explanation : 4 Units Providing Chilled Water To Other Nearby Buildings</i>								
Distribution								
Chilled Wtr Pipe/Pump	100%	Now	\$7,500	2044	**	4	\$300	B
<i>Corroded, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Basement</i>								
Heat Rejection								
Water Cool Tower	100%			2022	\$21,900	2	\$6,800	B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Building L</i>								
<i>Explanation : Not Accessible At Time Of Survey</i>								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$5,900	B
Exhaust Fans								
Roof	30%			2019	\$1,800	2	\$100	B
Wall Unit	70%			2024	\$8,100	2	\$100	B
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2037	**	1		B
Water Heater								
Electric	100%			2019	\$1,200	4	\$100	B
HW Heat Exchanger								
Low Temp	100%			2034	**	4	\$700	B
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		B

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF CULTURAL AFFAIRS - 126
SNUG HARBOR CULT CNTR & BOTN GDN BLDG L - POWER PLANT**

Asset # : 2394

Mechanical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code

Plumbing								
Fixtures								
Generic	100%							B
			<i>Obsolete Fixtures, Extent : Severe, Area Affected : 100%</i>					
			<i>Location : 1st Floor</i>					

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : SNUG HARBOR CULT CNTR & BOTN GDN BLDG N - EDUCATION CENTER
Address : 1000 RICHMOND TERRACE
Borough : STATEN ISLAND **Agency's Number** : N/A
Program / Asset # : DCA0039.030 / 2243 **Yr Built/Renovated** : 1880 /
Area Sq Ft : 1,800 **Project Type** : CULTURAL AFFAIRS
Date of Survey : 26-Apr-2013 **Landmark Status** : EXTERIOR LANDMARK
Areas Surveyed : Roof, Floors 1
Block : 76 **Lot** : 200 **BIN** : 5113026

CAPITAL

Total

Priority

Total

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$2,400			
Interior Architecture	\$10,300		\$500	
Electrical				
Mechanical	\$300		\$300	
Total	\$13,000		\$800	
Priority A	\$2,400			
Priority B	\$8,500		\$400	
Priority C	\$2,100		\$400	
Total	\$13,000		\$800	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF CULTURAL AFFAIRS - 126
SNUG HARBOR CULT CNTR & BOTN GDN BLDG N - EDUCATION CENTER

Asset # : 2243

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	100%			LIFE	**	5	\$2,100	A
Windows								
Wood	100%			2040	**	5	\$700	A
Roof								
Slate	100%			LIFE	**	10	\$1,000	A
Interior								
Floors								
Ceramic Tile	5%			2033	**	5	\$100	C
Quarry Tile	45%			2037	**	5	\$800	C
Wood	50%			2039	**	5	\$1,200	C
Interior Walls								
Gypsum Board	20%			LIFE	**	5-10	\$200	C
Masonry: Brick	10%			LIFE	**	10		C
Marble Panels	5%			LIFE	**	10		C
Wood	65%			LIFE	**	5	\$3,800	C
Ceilings								
AcousTileSusp.Lay-In	15%			2037	**	5	\$200	B
Plaster	10%			LIFE	**	5-10	\$200	B
Wood	75%			LIFE	**	5	\$16,100	B

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Switchgear / Switchboard								
Fused Disc Sw	100%			2034	**	5		B
Raceway								
Conduit	100%			2034	**	1		B
Panelboards								
Molded Case Bkrs	100%			2032	**	5		B
Wiring								
Thermoplastic	100%			2034	**	1		B
Motor Controllers								
Locally Mounted	100%			2029	**	5		B
Ground								
Grounding Devices								
Not Accessible	100%							D
Lighting								
Interior Lighting								
Incandescent	100%			2024	\$7,900	2		B
Egress Lighting								
Emergency, Battery	50%			2024	\$200	10	\$100	B
Exit, Service	50%			2024	\$100	1		B
Exterior Lighting								
HID	100%			2024	\$700	10		B

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF CULTURAL AFFAIRS - 126
SNUG HARBOR CULT CNTR & BOTN GDN BLDG N - EDUCATION CENTER

Asset # : 2243

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Alarm								
Security System								
Under Construction	100%							D
Fire/Smoke Detection								
Under Construction	100%							D
Mechanical								
Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Campus Steam	100%			2034	**	1		B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Building L</i>								
<i>Explanation : Steam From Power House</i>								
Air Conditioning								
Energy Source								
Electricity	100%			2032	**	1		B
Conversion Equipment								
Int Pkg Unit - Heating/Cooling	100%			2022	\$20,000	2	\$100	B
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2	\$1,300	B
Ventilation								
Distribution								
Ductwork/Diffusers	5%			LIFE	**	2-5		B
No Component	95%							D
Exhaust Fans								
Interior	5%			2024	\$100	2		B
No Component	95%							D
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2034	**	1		B
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : 1st Floor</i>								
<i>Explanation : Could Not Verify The Drainage Trap But There Is A Bathroom On Premises</i>								
Fixtures								
Generic	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.*

Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : SNUG HARBOR CULT CNTR & BOTN GDN BLDG P
Address : 1000 RICHMOND TERRACE
Borough : STATEN ISLAND **Agency's Number** : N/A
Program / Asset # : DCA0024.150 / 2395 **Yr Built/Renovated** : 1920 / 2006
Area Sq Ft : 20,000 **Project Type** : CULTURAL AFFAIRS
Date of Survey : 22-May-2013 **Landmark Status** : EXTERIOR LANDMARK
Areas Surveyed : Roof, Floors 1,3
Block : 76 **Lot** : 200 **BIN** : 5113026

CAPITAL

Total

Priority

Total

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$40,500	\$26,700		
Interior Architecture	\$47,600	\$17,000	\$300	
Electrical	\$1,400	\$1,200	\$1,200	\$900
Mechanical	\$10,600	\$2,500	\$6,800	\$2,100
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$104,100	\$51,500	\$12,300	\$7,000
Priority A	\$40,500	\$26,700		
Priority B	\$16,000	\$24,700	\$12,000	\$7,000
Priority C	\$47,600		\$300	
Total	\$104,100	\$51,500	\$12,300	\$7,000



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF CULTURAL AFFAIRS - 126
SNUG HARBOR CULT CNTR & BOTN GDN BLDG P

Asset # : 2395

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Alum/Vinyl Siding	10%			2044	**	10	\$800	A
Masonry: Brick	70%			LIFE	**	5	\$36,100	A
Masonry: Limestone	10%	2-4	\$17,400	LIFE	**	5	\$1,900	A
<i>Cracking/Crumbling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
Pre-Cast Concrete	10%	4+	\$5,000	LIFE	**	5	\$8,400	A
<i>Cracking/Crumbling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
Windows								
Wood	100%			2046	**	5	\$53,500	A
Parapets								
Metal Cornice	100%			2052	**	10	\$6,200	A
Roof								
Clay Tile	80%			2044	**	10	\$15,300	A
Modified Bitumen	20%			2029	**	10	\$3,800	A
Interior								
Floors								
Granite Panels	90%			LIFE	**	5	\$36,800	C
Vinyl Tile	10%			2029	**	3	\$1,000	C
Interior Walls								
Gypsum Board	100%			LIFE	**	5-10	\$45,200	C
Ceilings								
AcousTileConcealSpLn	100%			2041	**	5	\$34,000	B

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
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%			2050	**	5	\$100	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : One 400 Amps Main Disconnect Switch</i>								
Transformers								
Dry Type	100%			2041	**	5	\$100	B
Switchgear / Switchboard								
Molded Case Bkrs	100%			2050	**	5	\$400	B
Raceway								
Conduit	100%			2050	**	1		B
Panelboards								
Fused Disc Sw	5%			2046	**	5		B
Molded Case Bkrs	95%			2046	**	5	\$400	B
Wiring								
Thermoplastic	100%			2050	**	1		B

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Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF CULTURAL AFFAIRS - 126
SNUG HARBOR CULT CNTR & BOTN GDN BLDG P

Asset # : 2395

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Motor Controllers								
Locally Mounted	100%			2041	**	5	\$100	B
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$500	B
Lighting								
Interior Lighting								
Fluorescent	65%			2032	**	10	\$10,900	B
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : T-8 Lamps</i>						
Fluorescent	10%			2032	**	10	\$1,700	B
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Staircases, Lobby & Hallway</i>						
		<i>Explanation : T-5 Lamps</i>						
Fluorescent	5%			2032	**	10	\$800	B
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Basement And Mechanical Room</i>						
		<i>Explanation : T-12 Lamps</i>						
Incandescent	20%			2032	**	2	\$100	B
Egress Lighting								
Emergency, Battery	60%			2032	**	10	\$2,600	B
Exit, LED	35%			2059	**	1		B
Exit, Service	5%			2032	**	1		B
Alarm								
Fire/Smoke Detection								
Generic	100%			2032	**	1-3	\$10,100	B

Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Natural Gas	100%			2044	**	1		B
Conversion Equipment								
Hot Water Boiler	100%			2037	**	1	\$9,000	B
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Boiler Room - Basement</i>						
		<i>Explanation : Not Accessible</i>						
Distribution								
Hot Wtr Piping/Pump	100%			2040	**	4	\$1,300	B
Terminal Devices								
Convactor/Radiator	90%			2037	**	1	\$5,300	B
Unit Heater-Stm/HW	10%			2029	**	4	\$200	B
Air Conditioning								

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Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF CULTURAL AFFAIRS - 126
SNUG HARBOR CULT CNTR & BOTN GDN BLDG P

Asset # : 2395

Mechanical	Current Repair		Future Replacement		Maintenance		Priority Code	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)		Estimated Cost
Air Conditioning								
Energy Source								
Electricity	100%			2040	**	1		B
Terminal Devices								
Fan Coil - Cool/Heat	100%			2029	**	1	\$5,900	B
Heat Rejection								
Air Condenser Unit	100%			2029	**	2	\$12,700	B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Side Yard</i>								
<i>Explanation : 4 Units, R -22</i>								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$16,100	B
Exhaust Fans								
Interior	100%			2029	**	2	\$600	B
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2044	**	1		B
Water Heater								
Gas Fired	100%			2022	\$5,200	2	\$300	B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : No Access At Time Of Survey</i>								
HW Heat Exchanger								
Under Construction	100%							D
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		B
Sump Pump(s)								
Rigid Piping	100%			2029	**	4	\$1,300	B
Fixtures								
Generic	100%							B
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	**			C
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : B, 1-3</i>								
<i>Explanation : 1 Unit</i>								

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** Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : SNUG HARBOR CULT CNTR & BOTN GDN BLDG R - GREAT HALL
Address : 1000 RICHMOND TERRACE
Borough : STATEN ISLAND **Agency's Number** : N/A
Program / Asset # : DCA0024.170 / 2396 **Yr Built/Renovated** : 1916 /
Area Sq Ft : 12,480 **Project Type** : CULTURAL AFFAIRS
Date of Survey : 16-May-2013 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1,2
Block : 76 **Lot** : 200 **BIN** : 5113026

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$168,000	\$42,200
Total	\$168,000	\$42,200
Priority A	\$168,000	\$42,200
Total	\$168,000	\$42,200

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$35,000			
Interior Architecture	\$53,100		\$9,400	\$500
Electrical	\$900	\$700	\$1,000	\$700
Mechanical	\$6,400	\$2,300	\$2,500	\$2,800
Total	\$95,400	\$3,000	\$12,900	\$4,100
Priority A	\$35,000			
Priority B	\$36,800	\$3,000	\$3,500	\$3,500
Priority C	\$23,500		\$9,400	\$500
Total	\$95,400	\$3,000	\$12,900	\$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.

DEPARTMENT OF CULTURAL AFFAIRS - 126
SNUG HARBOR CULT CNTR & BOTN GDN BLDG R - GREAT HALL

Asset # : 2396

Architecture	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	65%			LIFE	**	5	\$44,200	A
Masonry: Granite	2%			LIFE	**	5	\$1,000	A
Masonry: Marble	18%	Now	\$79,800	LIFE	**	5	\$4,600	A
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : North Facade</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : North Facade</i>								
Metal Panel	10%	Now	\$5,400	2034	**	5	\$6,400	A
<i>Deformed/Dented, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Hyphen Between Great Hall And F Building</i>								
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Hyphen Between Great Hall And F Buildings</i>								
Not Accessible	5%							D
Windows								
Wood	100%	2-4	\$52,700	2032	**	5	\$42,200	A
<i>Air Infiltration, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Hyphen To F Building</i>								
<i>Thermally Inefficient, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Hyphen To F Building</i>								
<i>Split/Cracked, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Hyphen To F Building</i>								
Parapets								
Masonry: Brick	90%	Now	\$5,100	LIFE	**	5	\$800	A
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
Masonry: Marble	10%	0-2	\$2,000	LIFE	**	5	\$100	A
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : North Facade</i>								
Roof								
Modified Bitumen	100%	Now	\$35,500	2029	**			A
<i>Gut/DS Non Func/Miss, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Hyphen And Throughout</i>								
<i>Seams Open/Split, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Hyphen</i>								
Interior								
Floors								
Carpet	90%			2023	\$110,000	3	\$28,100	C
Cast in Place Concrete	5%			LIFE	**	5	\$4,500	C
Ceramic Tile	5%			2033	**	5	\$1,000	C
Interior Walls								
Gypsum Board	75%			LIFE	**	5-10	\$14,800	C
Wood	25%			LIFE	**	5	\$23,300	C
Ceilings								
Gypsum Board	30%			LIFE	**	5-10	\$21,400	B
Plaster	70%			LIFE	**	5-10	\$25,000	B

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DEPARTMENT OF CULTURAL AFFAIRS - 126
SNUG HARBOR CULT CNTR & BOTN GDN BLDG R - GREAT HALL

Asset # : 2396

Electrical	Current Repair		Future Replacement		Maintenance		Priority Code	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Over 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2024	\$33,400	3		B
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Electrical Room</i>							
	<i>Explanation : No Available Nameplate Ratings</i>							
Transformers								
Dry Type	100%			2022	\$33,300	3	\$100	B
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Basement</i>							
	<i>Explanation : 225 Kva, 4160/208/120 Volts</i>							
Feeders								
Cable	100%			2023	\$1,000	1		B
Raceway								
Conduit	100%			2024	\$3,500	1		B
Under 600 Volts								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2024	\$29,600	5	\$300	B
Raceway								
Conduit	80%			2044	**	1		B
Conduit	20%			2034	**	1		B
Panelboards								
Molded Case Bkrs	30%			2032	**	5	\$100	B
Molded Case Bkrs	70%			2040	**	5	\$200	B
Wiring								
Thermoplastic	80%			2044	**	1		B
Thermoplastic	20%			2034	**	1		B
Motor Controllers								
Locally Mounted	100%			2029	**	5	\$100	B
Lighting								
Interior Lighting								
Fluorescent	10%			2029	**	10	\$1,300	B
	<i>T-8 Lamps, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Hallways</i>							
Incandescent	90%			2029	**	2	\$300	B
Egress Lighting								
Emergency, Battery	50%			2029	**	10	\$1,700	B
Exit, Service	50%			2029	**	1		B
Exterior Lighting								
HID	100%			2024	\$4,200	10		B
Alarm								
Security System								
No Component	70%							D
Generic	30%			2029	**	1	\$1,200	B
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Hallways</i>							
	<i>Explanation : C C T V Surveillance Cameras</i>							

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Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF CULTURAL AFFAIRS - 126
SNUG HARBOR CULT CNTR & BOTN GDN BLDG R - GREAT HALL

Asset # : 2396

Electrical	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	

Alarm

Fire/Smoke Detection
Generic

100%	2029	* *	1-3	\$6,300	B
------	------	-----	-----	---------	---

Other Observation, Extent : Moderate, Area Affected : 100%
Location : Throughout The Building
Explanation : Strobe Lights, Manual Pull Stations And Bells

Mechanical	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	

Heating

Energy Source
Campus Steam

100%	2034	* *	1		B
------	------	-----	---	--	---

Other Observation, Extent : Light, Area Affected : 100%
Location : Building L
Explanation : Steam From Power House

Distribution

Steam Piping/Pump

100%	2034	* *	4	\$700	B
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Terminal Devices

Air Handler

20%	2024		\$17,000	1	\$1,700	B
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Convactor/Radiator

80%	2029	* *	1	\$3,600	B
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Air Conditioning

Energy Source

District C.W.

70%	2034	* *	1		B
-----	------	-----	---	--	---

Other Observation, Extent : Light, Area Affected : 60%
Location : Building L
Explanation : Chilled Water From Power House

Electricity

30%	2032	* *	1		B
-----	------	-----	---	--	---

Conversion Equipment

Reciprocating
Compr/Chiller

30%	2024		\$16,000	1	\$1,900	B
-----	------	--	----------	---	---------	---

R-22 Refrigerant, Extent : Light, Area Affected : 30%
Location : Courtyard

No Component

70%					D
-----	--	--	--	--	---

Distribution

Chilled Wtr Pipe/Pump

70%	2034	* *	4	\$500	B
-----	------	-----	---	-------	---

No Component

30%					D
-----	--	--	--	--	---

Terminal Devices

Air Handler/Cool/Ht

70%	2024		\$14,100	1	\$6,000	B
-----	------	--	----------	---	---------	---

No Component

30%					D
-----	--	--	--	--	---

Heat Rejection

Remote Air Cond

30%	2024		\$8,500	2	\$2,900	B
-----	------	--	---------	---	---------	---

No Component

70%					D
-----	--	--	--	--	---

Ventilation

Distribution

Ductwork/Diffusers

100%	LIFE	* *	2-5	\$12,300	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.*

DEPARTMENT OF CULTURAL AFFAIRS - 126
SNUG HARBOR CULT CNTR & BOTN GDN BLDG R - GREAT HALL

Asset # : 2396

Mechanical	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Ventilation								
Exhaust Fans								
Interior	100%			2024	\$17,400	2	\$400	B
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2034	* *	1		B
Water Heater								
Electric	30%			2019	\$700	4		B
No Component	70%							D
		<i>Other Observation, Extent : Light, Area Affected : 0%</i>						
		<i>Location : Building G</i>						
		<i>Explanation : Hot Water From Adjacent Building</i>						
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		B
Storm Drain Piping								
Cast Iron	100%	Now	\$400	LIFE	* *	1		B
		<i>Broken, Extent : Severe, Area Affected : 2%</i>						
		<i>Location : Basement</i>						
Fixtures								
Generic	100%							B
Fire Suppression								
Sprinkler								
No Component	50%							D
Generic	50%			2034	* *	1-2	\$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.

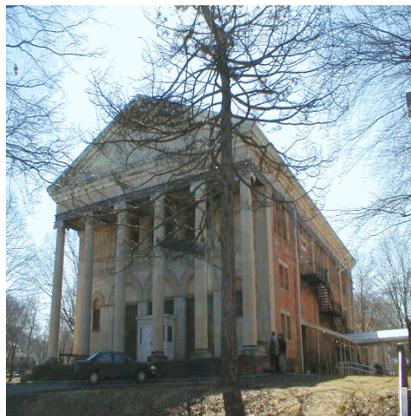
Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : SNUG HARBOR CULT CNTR & BOTN GDN BLDG T - MUSIC HALL
Address : 1000 RICHMOND TERRACE
Borough : STATEN ISLAND **Agency's Number** : N/A
Program / Asset # : DCA0024.190 / 2397 **Yr Built/Renovated** : 1892 / 1997
Area Sq Ft : 16,368 **Project Type** : CULTURAL AFFAIRS
Date of Survey : 15-May-2013 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1,2
Block : 76 **Lot** : 200 **BIN** : 5113026

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$275,600	\$45,500
Interior Architecture	\$250,100	
Electrical		\$8,900
Total	\$525,800	\$54,300
Priority A	\$275,600	\$45,500
Priority B	\$190,500	\$8,900
Priority C	\$59,700	
Total	\$525,800	\$54,300

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$57,800			
Interior Architecture	\$26,800		\$1,700	\$7,600
Electrical	\$1,000	\$800	\$1,100	\$800
Mechanical	\$7,200	\$3,800	\$3,400	\$2,400
Total	\$92,700	\$4,600	\$6,200	\$10,800
Priority A	\$57,800			
Priority B	\$17,900	\$4,600	\$4,500	\$3,200
Priority C	\$17,000		\$1,700	\$7,600
Total	\$92,700	\$4,600	\$6,200	\$10,800



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF CULTURAL AFFAIRS - 126
SNUG HARBOR CULT CNTR & BOTN GDN BLDG T - MUSIC HALL

Asset # : 2397

Architecture	Current Repair			Future Replacement		Maintenance		Priority Code
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	\$18,800	A
Copper/Terne	3%	4+	\$12,400	2044	**			A
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Horizontal Bands</i>								
Masonry: Brick	80%	Now	\$201,000	LIFE	**	5	\$30,100	A
<i>Diagonal Cracks, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Northwest Corner</i>								
Masonry: Limestone	2%	Now	\$9,400	LIFE	**	5	\$600	A
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Horizontal Bands</i>								
Masonry: Marble	10%	2-4	\$24,500	LIFE	**	5	\$2,800	A
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Windows								
Wood	15%			2040	**	5	\$4,200	A
Wood	85%	2-4	\$74,600	2049	**	5	\$12,000	A
<i>Air Infiltration, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Thermally Inefficient, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Split/Cracked, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Parapets								
Metal Cornice	50%			2052	**	10	\$9,500	A
Wood Cornice	50%			2034	**	5-10	\$38,800	A
Roof								
Copper/Terne	100%			2059	**	10	\$45,500	A
Interior								
Floors								
Carpet	65%	2-4	\$4,300	2020	\$85,900	3	\$21,900	C
<i>Punct/Tear/Impact Damage, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Quarry Tile	10%			2037	**	5	\$3,400	C
Wood	25%	Now	\$5,900	2039	**	5	\$5,300	C
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Stair To Control Room</i>								
<i>Split/Cracked, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Stair To Control Room</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF CULTURAL AFFAIRS - 126
SNUG HARBOR CULT CNTR & BOTN GDN BLDG T - MUSIC HALL

Asset # : 2397

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
Interior Walls								
Ceramic Tile	5%			2033	**	5	\$600	C
Gypsum Board	10%			LIFE	**	5-10	\$1,900	C
<i>Recent Replace Evident, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement Under Front Steps</i>								
Masonry: Brick	40%	2-4	\$59,700	LIFE	**			C
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Plaster	25%			LIFE	**	5-10	\$2,300	C
Plaster	20%	Now	\$4,000	LIFE	**	5	\$700	C
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Auditorium</i>								
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Auditorium</i>								
Ceilings								
Exposed Struc: Wood	60%	2-4	\$150,100	LIFE	**			B
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Masonry: Infill Arch	5%	4+	\$9,800	LIFE	**			B
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Plaster	35%	Now	\$40,300	LIFE	**	5	\$4,900	B
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Auditorium</i>								
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Auditorium</i>								

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Over 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2034	**	3		B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : No Available Nameplate Ratings</i>								
Transformers								
Dry Type	100%			2029	**	3	\$100	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : 750 Kva, 4160/208/120 Volts</i>								
Feeders								
Cable	100%			2032	**	1		B
Raceway								
Conduit	100%			2034	**	1		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.*

DEPARTMENT OF CULTURAL AFFAIRS - 126
SNUG HARBOR CULT CNTR & BOTN GDN BLDG T - MUSIC HALL

Asset # : 2397

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
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%			2044	**	5	\$400	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : Main Service Protector Rated @ 1200 Amperes</i>								
<hr/>								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2044	**	5	\$400	B
<hr/>								
Raceway								
Conduit	100%			2044	**	1		B
<hr/>								
Panelboards								
Molded Case Bkrs	100%			2040	**	5	\$400	B
<hr/>								
Wiring								
Thermoplastic	100%			2044	**	1		B
<hr/>								
Motor Controllers								
Locally Mounted	100%			2037	**	5	\$100	B
<hr/>								
Ground								
Grounding Devices								
Not Accessible	100%							D
<hr/>								
Lighting								
Interior Lighting								
Fluorescent	10%			2024	\$8,900	10	\$1,400	B
<i>T-8 Lamps, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<hr/>								
Fluorescent	40%			2029	**	10	\$5,500	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Hallways</i>								
<i>Explanation : Compact Fluorescent Light Fixtrures</i>								
<hr/>								
HID	10%			2029	**	10		B
HID	10%			2019	\$6,200	10		B
Incandescent	30%			2019	\$26,600	2	\$100	B
<hr/>								
Egress Lighting								
Emergency, Battery	50%			2029	**	10	\$1,800	B
Exit, Service	50%			2029	**	1		B
<hr/>								
Exterior Lighting								
HID	100%			2029	**	10		B
<hr/>								
Alarm								
Fire/Smoke Detection								
Generic	100%			2029	**	1-3	\$8,300	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : Strobe Lights, Horns, Manual Pull Stations And Bells</i>								

Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	

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.*

DEPARTMENT OF CULTURAL AFFAIRS - 126
SNUG HARBOR CULT CNTR & BOTN GDN BLDG T - MUSIC HALL

Asset # : 2397

Mechanical System Component Type	Current Repair		Future Replacement		Maintenance		Priority Code	
	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)		Estimated Cost
Heating								
Energy Source Campus Steam	100%			2034	* *	1		B
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Steam From Power House Building " L "</i>						
Distribution Steam Piping/Pump	100%			2044	* *	4	\$1,100	B
Terminal Devices Air Handler	100%			2029	* *	1	\$9,300	B
Air Conditioning								
Energy Source District C.W.	100%			2034	* *	1		B
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Chilled Water From Power House Building " L "</i>						
Distribution Chilled Wtr Pipe/Pump	100%			2044	* *	4	\$1,100	B
Terminal Devices Air Handler/Cool/Ht	100%			2029	* *	1	\$9,300	B
Ventilation								
Distribution Ductwork/Diffusers	100%			LIFE	* *	2-5	\$13,300	B
Exhaust Fans Interior	100%			2029	* *	2	\$500	B
Plumbing								
H/C Water Piping Brass/Copper	100%			2034	* *	1		B
Water Heater Electric	100%			2019	\$2,600	4	\$100	B
Sanitary Piping Cast Iron	100%			LIFE	* *	1		B
Sump Pump(s) Rigid Piping	100%			2024	\$10,300	4	\$2,000	B
Fixtures Generic	100%							B
Fire Suppression								
Sprinkler Generic	100%			2044	* *	1-2	\$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.

Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : SNUG HARBOR CULT CNTR & BOTN GDN BLDG X - GOVERNORS HOUSE
Address : 1000 RICHMOND TERRACE
Borough : STATEN ISLAND **Agency's Number** : N/A
Program / Asset # : DCA0024.230 / 2252 **Yr Built/Renovated** : 1847 /
Area Sq Ft : 4,428 **Project Type** : CULTURAL AFFAIRS
Date of Survey : 09-May-2013 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1,2
Block : 76 **Lot** : 200 **BIN** :

CAPITAL		FY 2015 - 2018	FY 2019 - 2024
Exterior Architecture		\$58,700	
Interior Architecture		\$42,500	
Total		\$101,200	
Priority A		\$58,700	
Priority B		\$42,500	
Total		\$101,200	

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$44,100			
Interior Architecture	\$42,500			
Electrical	\$1,200	\$200	\$300	\$300
Mechanical	\$300	\$300	\$300	\$300
Total	\$88,100	\$500	\$600	\$500
Priority A	\$44,100			
Priority B	\$1,500	\$500	\$600	\$500
Priority C	\$42,500			
Total	\$88,100	\$500	\$600	\$500



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF CULTURAL AFFAIRS - 126
SNUG HARBOR CULT CNTR & BOTN GDN BLDG X - GOVERNORS HOUSE

Asset # : 2252

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
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	\$25,200	LIFE	**	5	\$2,500	A
<i>Cracking/Crumbling, Extent : Light, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 60%</i>								
<i>Location : Throughout</i>								
Windows								
Wood	100%	Now	\$58,700	2049	**	5	\$9,400	A
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Deteriorated Finish, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Thermally Inefficient, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Parapets								
Metal Cornice	50%	Now	\$600	2039	**			A
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 60%</i>								
<i>Location : Throughout</i>								
Wood Cornice	50%	Now	\$1,000	2054	**	5	\$100	A
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Roof								
Metal Panel	100%	0-2	\$17,400	2037	**			A
<i>Corrosion/Rusting, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
Interior								
Floors								
Cast in Place Concrete	20%	Now	\$9,800	LIFE	**	5	\$1,400	C
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Wood	80%	2-4	\$10,900	2039	**	5	\$2,400	C
<i>Punct/Tear/Impact Damage, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Interior Walls								
Plaster	100%	Now	\$21,900	LIFE	**	5	\$900	C
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
Ceilings								
Plaster	100%	Now	\$42,500	LIFE	**	5	\$1,600	B
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	

Under 600 Volts

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF CULTURAL AFFAIRS - 126
SNUG HARBOR CULT CNTR & BOTN GDN BLDG X - GOVERNORS HOUSE

Asset # : 2252

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
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%			2024	\$1,600	5	\$100	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : No Available Nameplate Ratings, Enclosure Missing</i>								
Raceway								
Conduit	100%			2024	\$5,800	1		B
Panelboards								
Molded Case Bkrs	100%			2023	\$11,200	5	\$100	B
Wiring								
Thermoplastic	100%			2024	\$5,400	1		B
Ground								
Grounding Devices								
Not Accessible	100%							D
Lighting								
Interior Lighting								
Fluorescent	50%			2019	\$6,400	10	\$1,000	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : 2nd Floor</i>								
<i>Explanation : Compact Fluorescent Light Fixtures</i>								
Incandescent	50%			2019	\$6,400	2		B
Exterior Lighting								
Incandescent	100%			2019	\$2,100	2		B
Alarm								
Fire/Smoke Detection								
Generic	100%			2029	**	1-3	\$2,200	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : Smoke Detectors, Manual Pull Stations, Alarm Bells And Strobe Lights</i>								

Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Natural Gas	100%			2034	**	1		B
Conversion Equipment								
Steam Boiler	100%			2029	**	1	\$2,100	B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : 1 Unit</i>								
Distribution								
Steam Piping/Pump	100%			2024	\$17,000	4	\$200	B
Terminal Devices								
Convactor/Radiator	100%			2022	\$23,100	1	\$700	B

Air Conditioning

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF CULTURAL AFFAIRS - 126
SNUG HARBOR CULT CNTR & BOTN GDN BLDG X - GOVERNORS HOUSE

Asset # : 2252

Mechanical	Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	
Air Conditioning							
Energy Source							
Electricity	100%			2032	* *	1	B
Conversion Equipment							
Window/Wall Unit	20%			2019	\$1,000	1	B
No Component	80%						D
Plumbing							
H/C Water Piping							
Brass/Copper	40%			2034	* *	1	B
Galv Iron/Steel	60%			2022	\$4,400	1	B
Water Heater							
Gas Fired	100%			2019	\$600	2	B
Sanitary Piping							
Cast Iron	100%			LIFE	* *	1	B
Fixtures							
Generic	100%						B
		<i>Not in Service, Extent : Moderate, Area Affected : 100%</i>					
		<i>Location : 1st & 2nd Floors</i>					
		<i>Obsolete Fixtures, Extent : Moderate, Area Affected : 100%</i>					
		<i>Location : Throughout</i>					

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : SNUG HARBOR CULT CNTR & BOTN GDN CARL GRILLO GLASS HOUSE
Address : 1000 RICHMOND TERRACE
Borough : STATEN ISLAND **Agency's Number** : N/A
Program / Asset # : DCA0039.020 / 13419 **Yr Built/Renovated** : 1999 /
Area Sq Ft : 2,400 **Project Type** : CULTURAL AFFAIRS
Date of Survey : 09-May-2013 **Landmark Status** : NONE
Areas Surveyed : Roof, Floors 1
Block : 76 **Lot** : 200 **BIN** : 5113026

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$76,000	\$76,000
Total	\$76,000	\$76,000
Priority A	\$76,000	\$76,000
Total	\$76,000	\$76,000

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$42,000			
Interior Architecture	\$2,900			
Electrical				
Mechanical	\$1,200	\$200	\$300	\$200
Total	\$46,200	\$200	\$300	\$200
Priority A	\$42,000			
Priority B	\$1,600	\$200	\$300	\$200
Priority C	\$2,500			
Total	\$46,200	\$200	\$300	\$200



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF CULTURAL AFFAIRS - 126
SNUG HARBOR CULT CNTR & BOTN GDN CARL GRILLO GLASS HOUSE

Asset # : 13419

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Cast in Place Concrete	40%	2-4	\$14,400	LIFE	**	5	\$11,300	A
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Glass: Special Gauge	40%	2-4	\$19,400	LIFE	**	1		A
<i>Broken/Missing Elements, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Masonry: Brick	20%	2-4	\$7,500	LIFE	**	5	\$1,100	A
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Windows								
Metal Louvers	5%	2-4		2033	**			A
<i>Broken/Missing Elements, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Wood	5%	2-4		2040	**	5	\$100	A
<i>Broken/Missing Elements, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
No Component	90%							D
Roof								
Slate	10%	2-4	\$600	LIFE	**			A
<i>Cracking/Crumbling, Extent : Light, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Sloped Glazing	90%	0-2	\$76,000	LIFE	**	5	\$76,000	A
<i>Broken/Missing Elements, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Interior								
Floors								
Cast in Place Concrete	20%	2-4	\$1,000	LIFE	**	5	\$1,500	C
<i>Misaligned/Bulging, Extent : Light, Area Affected : 10%</i>								
<i>Location : Entrances To Each Wing From Rotunda</i>								
Panel/Paver: Cer/Brk	20%	2-4	\$1,400	2032	**	5	\$800	C
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
No Component	60%							D
Ceilings								
Gypsum Board	10%	4+	\$400	LIFE	**	5	\$400	B
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
No Component	90%							D
Electrical								
System Component Type		Current Repair		Future Replacement		Maintenance		Priority Code
% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost		
Under 600 Volts								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF CULTURAL AFFAIRS - 126
SNUG HARBOR CULT CNTR & BOTN GDN CARL GRILLO GLASS HOUSE

Asset # : 13419

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
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%			2034	**	5		B
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Mechanical And Electrical Room</i>						
		<i>Explanation : Main Service Switch Rated @ 200 Amperes</i>						
Raceway								
Conduit	100%			2034	**	1		B
Panelboards								
Molded Case Bkrs	100%			2032	**	5	\$100	B
Wiring								
Thermoplastic	100%			2034	**	1		B
Motor Controllers								
Locally Mounted	100%			2029	**	5		B
Ground								
Grounding Devices								
Not Accessible	100%							D
Lighting								
Interior Lighting								
Fluorescent	10%			2024	\$500	10	\$200	B
		<i>T-8 Lamps, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Boiler Room</i>						
HID	90%			2024	\$800	10	\$100	B
Mechanical								
Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Natural Gas	100%			2044	**	1		B
Conversion Equipment								
Hot Water Boiler	100%			2037	**	1	\$1,100	B
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Boiler Room</i>						
		<i>Explanation : (2) Gas Fired Hot Water Boilers</i>						
Distribution								
Ductwork/Diffusers	30%	0-2	\$600	LIFE	**	2-5	\$400	B
		<i>Damaged, Extent : Severe, Area Affected : 30%</i>						
		<i>Location : Throughout, Deteriorated Nylon Supply Air Duct</i>						
Hot Wtr Piping/Pump	70%	0-2	\$500	2040	**	4	\$100	B
		<i>Malfunctioning, Extent : Moderate, Area Affected : 50%</i>						
		<i>Location : Utility Room, 1 Of 2 Hot Water Pump Defective</i>						
Terminal Devices								
Convactor/Radiator	50%			2037	**	1	\$400	B
Fan Coil Unit/Heat	50%			2029	**	1	\$400	B
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.*

DEPARTMENT OF CULTURAL AFFAIRS - 126
SNUG HARBOR CULT CNTR & BOTN GDN CARL GRILLO GLASS HOUSE
Asset # : 13419

Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Plumbing								
H/C Water Piping Brass/Copper	100%			2044	* *	1		B
Water Heater Gas Fired	100%			2022	\$600	2		B
Sanitary Piping Cast Iron	100%			LIFE	* *	1		B
Backflow Preventer Generic	100%			2029	* *	1	\$100	B
		<i>Other Observation, Extent : Light, Area Affected : 75%</i>						
		<i>Location : Utility Room</i>						
		<i>Explanation : Serves Boiler</i>						
Fixtures								
Generic	100%							B
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Utility Room</i>						
		<i>Explanation : Slop Sink</i>						

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included. ** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : SNUG HARBOR CULT CNTR & BOTN GDN CHINESE SCHOLARS GARDEN
Address : 1000 RICHMOND TERRACE
Borough : STATEN ISLAND **Agency's Number** : N/A
Program / Asset # : DCA0039.010 / 13388 **Yr Built/Renovated** : 1999 /
Area Sq Ft : 8,600 **Project Type** : CULTURAL AFFAIRS
Date of Survey : 22-May-2013 **Landmark Status** : NONE
Areas Surveyed : Roof, Floors 1
Block : 76 **Lot** : 200 **BIN** : 5113026

CAPITAL		FY 2015 - 2018	FY 2019 - 2024
Interior Architecture		\$56,400	
Total		\$56,400	
Priority	C	\$56,400	
Total		\$56,400	

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$65,000			
Interior Architecture	\$29,800			
Electrical	\$100			
Mechanical		\$700		
Total	\$94,900	\$700		
Priority	A	\$65,000		
Priority	B	\$16,400	\$700	
Priority	C	\$13,500		
Total	\$94,900	\$700		



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
 Estimates are rounded to the nearest hundred dollars.
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
 ** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF CULTURAL AFFAIRS - 126
SNUG HARBOR CULT CNTR & BOTN GDN CHINESE SCHOLARS GARDEN

Asset # : 13388

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Stucco Cement	80%	0-2	\$25,400	2037	**	5	\$5,100	A
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Wood	20%	0-2	\$16,200	2037	**	5	\$2,500	A
<i>Deteriorated Finish, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Throughout Walls And Folding Doors</i>								
Windows								
Wood	5%			2040	**	5	\$200	A
No Component	95%							D
Roof								
Clay Tile	100%	Now	\$23,300	2044	**			A
<i>Broken/Missing Elements, Extent : Light, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Interior								
Floors								
Cast in Place Concrete	10%	Now	\$900	LIFE	**	5	\$1,300	C
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Spalling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Panel/Paver: Cer/Brk	90%	Now	\$56,400	2040	**	5	\$5,900	C
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Uneven Surface, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Interior Walls								
Plaster	100%	0-2	\$12,600	LIFE	**	5	\$1,000	C
<i>Cracking/Crumbling, Extent : Light, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Ceilings								
Exposed Struc: Wood	100%	2-4	\$16,300	LIFE	**			B
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Transformers								
Dry Type	100%			2037	**	5		B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : One 75 Kva 408hv-208/120lv</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF CULTURAL AFFAIRS - 126
SNUG HARBOR CULT CNTR & BOTN GDN CHINESE SCHOLARS GARDEN
Asset # : 13388

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Switchgear / Switchboard								
Fused Disc Sw	100%			2044	* *	5		B
Raceway								
Conduit	100%			2044	* *	1		B
Panelboards								
Molded Case Bkrs	100%			2040	* *	5	\$200	B
Wiring								
Thermoplastic	100%			2044	* *	1		B
Lighting								
Interior Lighting								
Incandescent	100%			2029	* *	2	\$100	B

Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2044	* *	1		B
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		B
Sewage Ejector(s)								
Electric	100%			2024	\$10,300	4	\$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.

Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : SNUG HARBOR CULT CNTR & BOTN GDN COTTAGE 2
Address : 1000 RICHMOND TERRACE
Borough : STATEN ISLAND **Agency's Number** : N/A
Program / Asset # : DCA0024.250 / 2398 **Yr Built/Renovated** : 1885 / 2000
Area Sq Ft : 2,664 **Project Type** : CULTURAL AFFAIRS
Date of Survey : 09-May-2013 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1,2
Block : 76 **Lot** : 200 **BIN** : 5113026

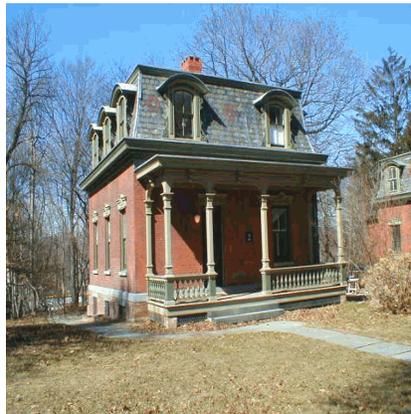
CAPITAL

Total

Priority

Total

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$14,600			
Interior Architecture	\$19,100		\$100	
Electrical	\$5,000	\$100	\$200	\$100
Mechanical	\$200	\$300	\$200	\$200
Total	\$38,900	\$400	\$500	\$400
Priority A	\$14,600			
Priority B	\$8,300	\$400	\$400	\$400
Priority C	\$16,000		\$100	
Total	\$38,900	\$400	\$500	\$400



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF CULTURAL AFFAIRS - 126
SNUG HARBOR CULT CNTR & BOTN GDN COTTAGE 2

Asset # : 2398

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	92%			LIFE	**	5	\$7,200	A
Masonry: Limestone	2%			LIFE	**	5	\$100	A
Slate Panels	1%			LIFE	**	5	\$100	A
Wood	5%			2029	**	5	\$1,000	A
Windows								
Wood	100%	2-4	\$3,400	2040	**	5	\$5,400	A
<i>Broken/Missing Elements, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Parapets								
Wood Cornice	100%	2-4	\$5,000	2034	**	5	\$4,900	A
<i>Broken/Missing Elements, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Roof								
Modified Bitumen	10%			2024	\$3,600	10	\$500	A
Slate	50%			LIFE	**	10	\$2,500	A
Not Accessible	40%							D
Interior								
Floors								
Cast in Place Concrete	8%	2-4	\$200	LIFE	**	5	\$500	C
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Ceramic Tile	5%			2027	**	5	\$100	C
Vinyl Tile	2%	2-4	\$500	2034	**	3		C
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Wood	85%	2-4	\$5,100	2052	**	5	\$2,300	C
<i>Broken/Missing Elements, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Interior Walls								
Masonry: Brick	20%	2-4	\$1,900	LIFE	**			C
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Plaster	80%	2-4	\$8,300	LIFE	**	5	\$700	C
<i>Cracking/Crumbling, Extent : Light, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Ceilings								
Plaster	100%			LIFE	**	5-10	\$4,900	B
Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF CULTURAL AFFAIRS - 126
SNUG HARBOR CULT CNTR & BOTN GDN COTTAGE 2

Asset # : 2398

Electrical	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2044	**	5		B
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Basement</i>							
	<i>Explanation : Main Service Switch Rated @ 100 Amperes</i>							
<hr/>								
Transformers								
Dry Type	100%			2037	**	5		B
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Basement</i>							
	<i>Explanation : One 75 Kva 480-208/120 V</i>							
<hr/>								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2044	**	5	\$100	B
<hr/>								
Raceway								
Conduit	80%			2024	\$4,700	1		B
Conduit	20%			2044	**	1		B
<hr/>								
Panelboards								
Fused Disc Sw	30%			2040	**	5		B
Molded Case Bkrs	70%			2040	**	5		B
<hr/>								
Wiring								
Braided Cloth	60%	2-4	\$3,300	2049	**	1		B
	<i>Insulation Aged, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
Thermoplastic	40%			2044	**	1		B
<hr/>								
Ground								
Grounding Devices								
Generic	100%	2-4	\$900	LIFE	**	5		B
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Basement</i>							
	<i>Explanation : Corroded</i>							
<hr/>								
Lighting								
Interior Lighting								
Fluorescent	20%			2019	\$2,200	10	\$300	B
	<i>T-12 Lamps, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Basement</i>							
Fluorescent	20%			2019	\$2,200	10	\$300	B
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : 1st Floor</i>							
	<i>Explanation : Compact Fluorescent Light Fixtures</i>							
Incandescent	60%			2019	\$6,700	2		B
<hr/>								
Alarm								
Fire/Smoke Detection								
Generic	100%			2029	**	1-3	\$1,300	B
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Throughout The Building</i>							
	<i>Explanation : Strobe Lights, Manual Pull Station And Smoke Detector</i>							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF CULTURAL AFFAIRS - 126
SNUG HARBOR CULT CNTR & BOTN GDN COTTAGE 2

Asset # : 2398

Mechanical	Current Repair		Future Replacement		Maintenance		Priority Code	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating								
Energy Source								
Natural Gas	100%			2034	* *	1		B
Conversion Equipment								
Steam Boiler	100%			2041	* *	1	\$1,900	B
<i>Boiler Used For Hot Water, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : 1 Unit</i>								
Distribution								
Steam Piping/Pump	100%			2024	\$15,000	4	\$100	B
Terminal Devices								
Convactor/Radiator	100%			2022	\$20,300	1	\$600	B
Air Conditioning								
Energy Source								
Electricity	100%			2032	* *	1		B
Conversion Equipment								
Window/Wall Unit	20%			2019	\$900	1		B
No Component	80%							D
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2024	\$6,400	1		B
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		B
Fixtures								
Generic	100%							B
<i>Obsolete Fixtures, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : SNUG HARBOR CULT CNTR & BOTN GDN COTTAGE 5 - GIFT SHOP
Address : 1000 RICHMOND TERRACE
Borough : STATEN ISLAND **Agency's Number** : N/A
Program / Asset # : DCA0039.050 / 13420 **Yr Built/Renovated** : 1885 / 2000
Area Sq Ft : 2,664 **Project Type** : CULTURAL AFFAIRS
Date of Survey : 09-May-2013 **Landmark Status** : EXTERIOR LANDMARK
Areas Surveyed : Basement, Roof, Floors 1
Block : 76 **Lot** : 200 **BIN** : 5113026

CAPITAL

Total

Priority

Total

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$13,500			
Interior Architecture	\$10,100			
Electrical	\$300	\$200	\$300	\$200
Mechanical	\$800	\$100	\$100	\$100
Total	\$24,600	\$300	\$400	\$300
Priority A	\$13,500			
Priority B	\$5,100	\$300	\$400	\$300
Priority C	\$6,100			
Total	\$24,600	\$300	\$400	\$300



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF CULTURAL AFFAIRS - 126
SNUG HARBOR CULT CNTR & BOTN GDN COTTAGE 5 - GIFT SHOP
Asset # : 13420

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	87%	2-4	\$3,300	LIFE	**	5	\$1,800	A
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Masonry: Limestone	2%	2-4	\$600	LIFE	**	5		A
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Slate Panels	1%	2-4	\$100	LIFE	**	5		A
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Wood	10%	0-2	\$1,400	2029	**	5	\$500	A
<i>Broken/Missing Elements, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Windows								
Wood	100%	2-4	\$1,000	2040	**	5	\$700	A
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Parapets								
Metal Cornice	100%	2-4	\$6,600	2039	**			A
<i>Broken/Missing Elements, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Roof								
Copper/Terne	50%			2052	**	10	\$1,200	A
Slate	50%			LIFE	**	10	\$500	A
Interior								
Floors								
Cast in Place Concrete	5%	2-4	\$100	LIFE	**	5	\$200	C
<i>Cracking/Crumbling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
Ceramic Tile	5%	2-4	\$200	2033	**	5		C
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Wood	90%	4+	\$3,700	2052	**	5	\$1,500	C
<i>Deteriorated Finish, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Interior Walls								
Gypsum Board	100%	2-4	\$2,100	LIFE	**	5	\$600	C
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Ceilings								
Gypsum Board	100%			LIFE	**	5-10	\$6,200	B

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF CULTURAL AFFAIRS - 126
SNUG HARBOR CULT CNTR & BOTN GDN COTTAGE 5 - GIFT SHOP
Asset # : 13420

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Raceway								
Conduit	100%			2034	**	1		B
Panelboards								
Molded Case Bkrs	100%			2032	**	5	\$100	B
Wiring								
Thermoplastic	100%			2034	**	1		B
Lighting								
Interior Lighting								
Fluorescent	10%			2019	\$800	10	\$100	B
		<i>T-12 Lamps, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Basement</i>						
Fluorescent	60%			2024	\$4,600	10	\$700	B
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : 1st Floor</i>						
		<i>Explanation : Compact Fluorescent Fixtures</i>						
Incandescent	30%			2019	\$2,300	2		B
Egress Lighting								
Emergency, Battery	50%			2024	\$300	10	\$100	B
Exit, Service	50%			2024	\$100	1		B
Exterior Lighting								
Incandescent	100%			2019	\$1,400	2		B
Alarm								
Security System								
Generic	100%			2029	**	1	\$800	B
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Throughout The Building</i>						
		<i>Explanation : Intrusion Alarm Only</i>						
Fire/Smoke Detection								
Generic	100%			2029	**	1-3	\$1,300	B
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Throughout The Building</i>						
		<i>Explanation : Manual Pull Station And Strobe Lights, Horns</i>						

Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Natural Gas	100%			2044	**	1		B
Conversion Equipment								
Hot Water Boiler	100%			2037	**	1	\$600	B
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Basement</i>						
		<i>Explanation : 1 Unit</i>						
Distribution								
Hot Wtr Piping/Pump	100%			2040	**	4	\$100	B

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF CULTURAL AFFAIRS - 126
SNUG HARBOR CULT CNTR & BOTN GDN COTTAGE 5 - GIFT SHOP
Asset # : 13420

Mechanical System Component Type	Current Repair		Future Replacement		Maintenance		Priority Code
	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	
Heating							
Terminal Devices							
Convector/Radiator	100%			2029	* *	1	\$400 B
Air Conditioning							
Energy Source							
Electricity	100%			2032	* *	1	B
Conversion Equipment							
Window/Wall Unit	20%			2019	\$600	1	B
No Component	80%						D
Ventilation							
Exhaust Fans							
Roof	20%			2024	\$200	2	B
No Component	80%						D
Plumbing							
H/C Water Piping							
Brass/Copper	100%			2044	* *	1	B
Water Heater							
Gas Fired	100%			2022	\$300	2	B
Sanitary Piping							
Cast Iron	100%			LIFE	* *	1	B
Sump Pump(s)							
Rigid Piping	100%			2019	\$11,100	4	\$2,000 B
Fixtures							
Generic	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.

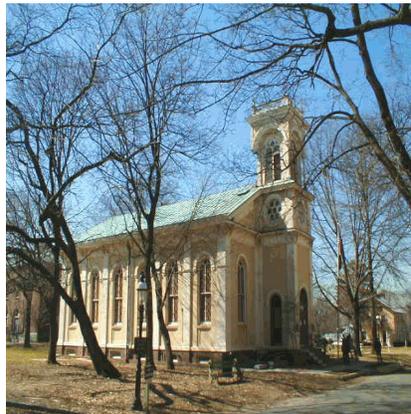
Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : SNUG HARBOR CULT CNTR & BOTN GDN VETERANS MEMORIAL HALL
Address : 1000 RICHMOND TERRACE
Borough : STATEN ISLAND **Agency's Number** : N/A
Program / Asset # : DCA0024.180 / 2657 **Yr Built/Renovated** : 1856 / 1986
Area Sq Ft : 8,084 **Project Type** : CULTURAL AFFAIRS
Date of Survey : 24-May-2013 **Landmark Status** : INTERIOR & EXTERIOR LANDMARK
Areas Surveyed : Basement, Roof, Floors 1,2
Block : 76 **Lot** : 200 **BIN** : 5113026

CAPITAL		FY 2015 - 2018	FY 2019 - 2024
Electrical			\$84,000
Mechanical			\$79,300
Total			\$163,300
Priority B			\$163,300
Total			\$163,300

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$64,300			
Interior Architecture	\$58,900		\$600	\$3,500
Electrical	\$1,200	\$400	\$500	\$600
Mechanical	\$2,600	\$1,700	\$1,200	\$1,000
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$131,000	\$6,100	\$6,300	\$9,000
Priority A	\$64,300			
Priority B	\$17,300	\$6,100	\$6,200	\$5,500
Priority C	\$49,400		\$100	\$3,500
Total	\$131,000	\$6,100	\$6,300	\$9,000



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF CULTURAL AFFAIRS - 126
SNUG HARBOR CULT CNTR & BOTN GDN VETERANS MEMORIAL HALL

Asset # : 2657

Architecture	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	95%	4+	\$26,700	LIFE	**	5	\$14,800	A
<i>Spalling, Extent : Light, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Wood	5%	4+	\$5,300	2029	**	5	\$1,900	A
<i>Paint Peeling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Tower</i>								
<i>Split/Cracked, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Tower</i>								
Windows								
Wood	98%			2040	**	5	\$23,400	A
Wood	2%	Now	\$1,600	2049	**	5	\$200	A
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Tower</i>								
<i>Paint Peeling, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Tower</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Tower</i>								
<i>Explanation : These Are Actually Wood Louvers</i>								
Parapets								
Wood Cornice	98%	Now	\$12,100	2034	**	5	\$13,800	A
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Paint Peeling, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Split/Cracked, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
Wood Rail	2%	Now	\$600	2029	**	5	\$300	A
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Tower</i>								
<i>Loose/Miss Fasteners, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Tower</i>								
<i>Split/Cracked, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Tower</i>								
Roof								
Copper/Terne	100%	Now	\$6,300	2052	**			A
<i>Water Penetration, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Interior								
Floors								
Carpet	75%	0-2	\$39,500	2026	**	3	\$9,300	C
<i>Punct/Tear/Impact Damage, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Ceramic Tile	10%			2033	**	5	\$800	C
Vinyl Tile	5%			2029	**	3	\$200	C
Wood	10%			2039	**	5	\$1,600	C

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF CULTURAL AFFAIRS - 126
SNUG HARBOR CULT CNTR & BOTN GDN VETERANS MEMORIAL HALL

Asset # : 2657

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
Interior Walls								
Gypsum Board	30%			LIFE	**	5-10	\$2,800	C
Plaster	45%	Now	\$2,500	LIFE	**	5	\$800	C
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Wood	25%			LIFE	**	5	\$11,200	C
Ceilings								
AcousTileConcealSpLn	10%			2037	**	5	\$1,000	B
Gypsum Board	25%			LIFE	**	5-10	\$7,100	B
Plaster	65%	Now	\$5,000	LIFE	**	5	\$3,400	B
<i>Paint Peeling, Extent : Moderate, Area Affected : 5%</i>								
<i>Location :</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Transformers								
Dry Type	100%			2029	**	5		B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : 45 Kva 480-208/120v</i>								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2034	**	5	\$200	B
Raceway								
Conduit	100%			2034	**	1		B
Panelboards								
Molded Case Bkrs	100%			2032	**	5	\$200	B
Wiring								
Thermoplastic	100%			2034	**	1		B
Motor Controllers								
Locally Mounted	100%			2029	**	5		B
Ground								
Grounding Devices								
Not Accessible	100%							D
Lighting								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

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DEPARTMENT OF CULTURAL AFFAIRS - 126
SNUG HARBOR CULT CNTR & BOTN GDN VETERANS MEMORIAL HALL

Asset # : 2657

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Lighting								
Interior Lighting								
Fluorescent	20%			2024	\$7,100	10	\$1,000	B
	<i>T-8 Lamps, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Basement</i>							
Fluorescent	30%			2024	\$10,600	10	\$1,500	B
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Throughout The Building</i>							
	<i>Explanation : Compact Fluorescent Light Fixtures</i>							
Incandescent	50%			2019	\$17,700	2	\$100	B
Egress Lighting								
Emergency, Battery	50%			2024	\$1,200	10	\$700	B
Exit, Service	50%			2024	\$500	1		B
Exterior Lighting								
Fluorescent	100%			2019	\$4,200	10	\$600	B
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Front Only</i>							
	<i>Explanation : Cfl (Compact Fluorescent Light Fixtures)</i>							
Alarm								
Security System								
No Component	70%							D
Generic	30%			2019	\$7,400	1	\$700	B
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Hallways</i>							
	<i>Explanation : Intrusion Alarm Only</i>							
Fire/Smoke Detection								
Generic	100%			2019	\$84,000	1-3	\$4,200	B
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Throughout The Building</i>							
	<i>Explanation : Strobe Lights, Horns, Smoke Detectors And Manual Pull Station</i>							

Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Campus Steam	100%			2034	**	1		B
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Building L</i>							
	<i>Explanation : Steam From Power House</i>							
Conversion Equipment								
HTHW/HW Exchanger	100%			2033	**	2	\$300	B
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Basement</i>							
	<i>Explanation : 1 Unit</i>							
Distribution								
Hot Wtr Piping/Pump	100%			2032	**	4	\$400	B

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF CULTURAL AFFAIRS - 126
SNUG HARBOR CULT CNTR & BOTN GDN VETERANS MEMORIAL HALL

Asset # : 2657

Mechanical	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Terminal Devices								
Air Handler	60%			2024	\$22,000	1	\$2,100	B
Convactor/Radiator	40%			2029	* *	1	\$700	B
Air Conditioning								
Energy Source								
District C.W.	100%			2034	* *	1		B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Building L</i>								
<i>Explanation : Chilled Water From Power House</i>								
Distribution								
Chilled Wtr Pipe/Pump	100%			2034	* *	4	\$300	B
Terminal Devices								
Air Handler/Cool/Ht	100%			2024	\$28,800	1	\$3,400	B
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$4,900	B
Exhaust Fans								
Interior	100%			2024	\$7,500	2	\$200	B
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2034	* *	1		B
Water Heater								
Electric	100%			2019	\$1,100	4	\$100	B
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		B
Sump Pump(s)								
Rigid Piping	100%			2024	\$11,100	4	\$2,000	B
Fixtures								
Generic	100%							B
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			C
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : B, G, I</i>								
<i>Explanation : One Unit For Handicap</i>								
Fire Suppression								
Sprinkler								
Generic	100%			2024	\$79,300	1-2	\$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.

Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : STATEN IS. INST. ARTS & SCIENCES BUILDING A
Address : 1000 RICHMOND TERRACE SNUG HARBOR
Borough : STATEN ISLAND **Agency's Number** : N/A
Program / Asset # : DCA0028.010 / 2400 **Yr Built/Renovated** : 1879 /
Area Sq Ft : 24,448 **Project Type** : CULTURAL AFFAIRS
Date of Survey : 20-Apr-2010 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1,2
Block : 76 **Lot** : 200 **BIN** : 5113026

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$509,600	
Interior Architecture	\$1,790,100	
Electrical	\$93,100	
Total	\$2,392,700	
Priority A	\$509,600	
Priority B	\$662,200	
Priority C	\$1,220,900	
Total	\$2,392,700	

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture				
Interior Architecture				
Electrical	\$69,700		\$100	
Total	\$69,700		\$100	
Priority A				
Priority B	\$69,700		\$100	
Priority C				
Total	\$69,700		\$100	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF CULTURAL AFFAIRS - 126
STATEN IS. INST. ARTS & SCIENCES BUILDING A
Asset # : 2400

Architecture	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	75%	Now	\$66,300	LIFE	**	5	\$19,800	A
<i>Water Penetration, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Masonry: Granite	5%	Now	\$71,000	LIFE	**	5	\$1,000	A
<i>Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Entrance Steps</i>								
Masonry: Limestone	20%	Now	\$73,300	LIFE	**	5	\$4,000	A
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Recent Repair Evident, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Entrance Portico</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Windows								
Wood	100%	Now	\$243,000	2046	**	5	\$29,100	A
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Parapets								
Metal Cornice	100%			2049	**	10	\$17,600	A
Roof								
Metal Panel	98%			2038	**	10	\$56,000	A
Skylight, Metal/Glass	2%			2041	**	10	\$2,100	A
Interior								
Floors								
Wood	85%	Now	\$746,100	2061	**	5	\$26,500	C
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
<i>Dry Rot/Decay, Extent : Severe, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
<i>Split/Cracked, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
Not Accessible	15%							D
Interior Walls								
Plaster	80%	Now	\$474,800	LIFE	**	5	\$7,800	C
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 95%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
Not Accessible	20%							D
Ceilings								
Plaster	100%	Now	\$569,100	LIFE	**	5	\$20,800	B
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF CULTURAL AFFAIRS - 126
STATEN IS. INST. ARTS & SCIENCES BUILDING A
Asset # : 2400

Electrical	Current Repair			Future Replacement		Maintenance		Priority Code
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%	Now	\$15,900	2051	**	5	\$300	B
<i>Enclosure Corroded, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Not in Service, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<hr/>								
Switchgear / Switchboard								
Molded Case Bkrs	100%	Now	\$19,800	2051	**	5	\$300	B
<i>Not in Service, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Suspect Water Damage, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<hr/>								
Raceway								
Conduit	10%	Now	\$2,200	2051	**	1		B
<i>Corroded, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Not Accessible	90%							D
<hr/>								
Panelboards								
Fused Toggle Switch	100%	0-2	\$16,800	2046	**	5	\$200	B
<i>Enclosure Corroded, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<hr/>								
Wiring								
Braided Cloth	100%	0-2	\$15,100	2046	**	1		B
<i>Insulation Damaged, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<hr/>								
Lighting								
Interior Lighting								
Incandescent	100%	0-2	\$93,100	2031	**	2	\$400	B
<i>Inadequate Ltg Level, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : STATEN IS. INST. ARTS & SCIENCES BUILDING B
Address : 1000 RICHMOND TERRACE SNUG HARBOR
Borough : STATEN ISLAND **Agency's Number** : N/A
Program / Asset # : DCA0028.020 / 2401 **Yr Built/Renovated** : 1840 /
Area Sq Ft : 22,400 **Project Type** : CULTURAL AFFAIRS
Date of Survey : 20-Apr-2010 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1,2
Block : 76 **Lot** : 200 **BIN** : 5113026

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$165,800	\$49,800
Interior Architecture	\$1,667,300	
Electrical	\$85,300	
Total	\$1,918,400	\$49,800
Priority A	\$165,800	\$49,800
Priority B	\$606,800	
Priority C	\$1,145,800	
Total	\$1,918,400	\$49,800

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture			\$26,600	
Interior Architecture				
Electrical	\$53,400		\$100	
Total	\$53,400		\$26,700	
Priority A			\$26,600	
Priority B	\$53,400		\$100	
Priority C				
Total	\$53,400		\$26,700	



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
 Estimates are rounded to the nearest hundred dollars.
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
 ** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF CULTURAL AFFAIRS - 126
STATEN IS. INST. ARTS & SCIENCES BUILDING B
Asset # : 2401

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	80%			LIFE	**	5	\$19,400	A
Masonry: Granite	5%	Now	\$65,000	LIFE	**	5	\$900	A
<i>Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Entrance Steps</i>								
Masonry: Limestone	15%	Now	\$100,800	LIFE	**	5	\$2,700	A
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
Windows								
Wood	100%			2037	**	5	\$53,200	A
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Parapets								
Metal Cornice	100%			2049	**	10	\$16,200	A
Roof								
Metal Panel	95%			2034	**	10	\$49,800	A
Skylight, Metal/Glass	5%			2041	**	10	\$4,800	A
Interior								
Floors								
Wood	85%	Now	\$683,600	2061	**	5	\$24,300	C
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Dry Rot/Decay, Extent : Severe, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
Not Accessible	15%							D
Interior Walls								
Plaster	85%	Now	\$462,200	LIFE	**	5	\$7,600	C
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Not Accessible	15%							D
Ceilings								
Plaster	100%	Now	\$521,500	LIFE	**	5	\$19,100	B
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	

Under 600 Volts

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF CULTURAL AFFAIRS - 126
STATEN IS. INST. ARTS & SCIENCES BUILDING B

Asset # : 2401

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts								
Raceway								
Conduit	100%	0-2	\$21,500	2051	* *	1		B
<i>Corroded, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Panelboards								
Fused Toggle Switch	100%	0-2	\$16,800	2046	* *	5	\$200	B
<i>Enclosure Corroded, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Wiring								
Braided Cloth	100%	0-2	\$15,100	2046	* *	1		B
<i>Insulation Aged, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Lighting								
Interior Lighting								
Incandescent	100%	0-2	\$85,300	2031	* *	2	\$400	B
<i>Inadequate Ltg Level, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								

Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Plumbing								
H/C Water Piping								
No Component	90%							D
No Component	10%							D

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : STATEN IS. INST. ARTS & SCIENCES STATEN ISLAND MUSEUM
Address : 75 STUYVESANT PLACE
Borough : STATEN ISLAND **Agency's Number** : N/A
Program / Asset # : DCA0028.000 / 4371 **Yr Built/Renovated** : 1917 / 1998
Area Sq Ft : 23,300 **Project Type** : CULTURAL AFFAIRS
Date of Survey : 20-Apr-2010 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1,3
Block : 9 **Lot** : 1 **BIN** : 5000088

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$59,400	
Electrical		\$75,400
Mechanical		\$247,700
Total	\$59,400	\$323,200
Priority A	\$59,400	
Priority B		\$323,200
Total	\$59,400	\$323,200

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$79,900	\$3,300	\$2,600	
Interior Architecture	\$55,000		\$10,400	
Electrical	\$31,600	\$7,900	\$2,200	\$1,800
Mechanical	\$2,800	\$5,300	\$9,500	\$5,300
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$173,300	\$20,500	\$28,700	\$11,100
Priority A	\$79,900	\$3,300	\$2,600	
Priority B	\$64,700	\$17,100	\$15,600	\$11,100
Priority C	\$28,600		\$10,400	
Total	\$173,300	\$20,500	\$28,700	\$11,100



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF CULTURAL AFFAIRS - 126
STATEN IS. INST. ARTS & SCIENCES STATEN ISLAND MUSEUM

Asset # : 4371

Architecture	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	10%			LIFE	**	5	\$2,800	A
Masonry: Brick	80%			LIFE	**	5	\$22,700	A
Masonry: Limestone	3%	0-2	\$5,300	LIFE	**	5	\$600	A
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Horizontal Bands</i>								
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Horizontal Bands</i>								
Pre-Cast Concrete	2%			LIFE	**	5	\$1,800	A
Pre-Cast Concrete	2%	Now	\$1,000	LIFE	**	5	\$1,800	A
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : East Facade</i>								
Window Wall	3%	Now	\$2,300	2041	**	5	\$1,600	A
<i>Water Penetration, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Windows								
Aluminum	85%			2037	**	5	\$5,300	A
Wood	15%	2-4	\$29,200	2046	**	5	\$4,700	A
<i>Deteriorated Finish, Extent : Light, Area Affected : 15%</i>								
<i>Location : Dormers</i>								
<i>Thermally Inefficient, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Dormers</i>								
<i>Split/Cracked, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Dormers</i>								
Parapets								
Masonry: Brick	15%			LIFE	**	5	\$600	A
Masonry: Limestone	85%	Now	\$59,400	LIFE	**	5	\$4,200	A
<i>Staining/Discoloring, 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 : Jnt Mortar Miss/Erod</i>								
Roof								
Copper/Terne	10%	Now	\$10,100	2036	**			A
<i>Miss/Damaged Flashings, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : At Dormers</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Attic</i>								
Single Ply Membrane	15%			2026	**	10	\$3,300	A
Slate	75%	Now	\$32,000	LIFE	**			A
<i>Gut/DS Non Func/Miss, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Light, Area Affected : 10%</i>								
<i>Location : 3rd Fl Where New Addition Meets Old Bldg</i>								
Interior								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF CULTURAL AFFAIRS - 126
STATEN IS. INST. ARTS & SCIENCES STATEN ISLAND MUSEUM

Asset # : 4371

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
Floors								
Carpet	60%			2020	\$111,900	3	\$28,600	C
Cast in Place Concrete	15%			LIFE	**	5	\$10,400	C
Ceramic Tile	2%			2030	**	5	\$600	C
Vinyl Tile	23%			2026	**	3	\$2,700	C
Interior Walls								
Concrete Masonry Unit	3%			LIFE	**	5	\$400	C
Gypsum Board	45%			LIFE	**	5	\$8,400	C
Masonry: Brick	2%			LIFE	**			C
Plaster	50%	Now	\$28,300	LIFE	**	5	\$4,600	C
<i>Cracking/Crumbling, Extent : Light, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Ceilings								
AcousTileSusp.Lay-In	25%			2034	**	5	\$7,900	B
Exposed Struc: Steel	5%			LIFE	**			B
Gypsum Board	15%			LIFE	**	5	\$5,900	B
Plaster	45%	Now	\$24,400	LIFE	**	5	\$8,900	B
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Main Stair</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Main Stair</i>								
Plywood/Hardboard	10%	Now	\$2,000	2031	**	1		B
<i>Water Penetration, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Attic</i>								

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%	2-4	\$15,900	2051	**	5		B
<i>On Extended Life, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : One Electrical Service Rated @ 400 Amps</i>								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2021	\$19,800	5	\$500	B
Raceway								
Conduit	15%			2041	**	1		B
Conduit	85%			2021	\$18,300	1		B
Panelboards								
Molded Case Bkrs	15%			2037	**	5	\$100	B
Molded Case Bkrs	85%			2020	\$14,300	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.*

DEPARTMENT OF CULTURAL AFFAIRS - 126
STATEN IS. INST. ARTS & SCIENCES STATEN ISLAND MUSEUM

Asset # : 4371

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Wiring								
Braided Cloth	85%	2-4	\$12,800	2046	**	1		B
<i>Insulation Aged, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Thermoplastic	15%			2041	**	1		B
Ground								
Grounding Devices								
Generic	100%	2-4	\$900	LIFE	**	5	\$300	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : Corroded</i>								
Lighting								
Interior Lighting								
Fluorescent	15%			2026	**	10	\$2,900	B
<i>Other Observation, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Renovated Area</i>								
<i>Explanation : T-8 Lamps</i>								
Fluorescent	35%			2021	\$31,100	10	\$6,800	B
<i>Other Observation, Extent : Moderate, Area Affected : 35%</i>								
<i>Location : Throughout Rest Of Building</i>								
<i>Explanation : T-12 Lamps</i>								
Incandescent	50%			2021	\$44,400	2	\$200	B
Egress Lighting								
Emergency, Battery	50%			2026	**	10	\$2,600	B
Exit, Service	40%			2026	**	1		B
Exit, Service	10%			2016	\$400	1		B
Exterior Lighting								
HID	100%			2029	**	10	\$100	B
Alarm								
Security System								
Generic	100%			2029	**	1	\$7,100	B
Fire/Smoke Detection								
Generic	100%			2029	**	1-3	\$11,800	B

Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Electricity	5%			2041	**	1		B
Natural Gas	95%			2041	**	1		B
Conversion Equipment								
Radiant Heater	5%			2029	**	2	\$500	B
Steam Boiler	95%			2034	**	1	\$20,000	B

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF CULTURAL AFFAIRS - 126
STATEN IS. INST. ARTS & SCIENCES STATEN ISLAND MUSEUM

Asset # : 4371

Mechanical System Component Type	Current Repair		Future Replacement		Maintenance		Priority Code	
	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)		Estimated Cost
Heating								
Distribution								
Steam Piping/Pump	95%			2041	* *	4	\$1,000	B
No Component	5%							D
Terminal Devices								
Convactor/Radiator	75%			2026	* *	1	\$5,200	B
Fan Coil Unit/Heat	25%			2026	* *	1	\$1,700	B
Air Conditioning								
Energy Source								
Electricity	100%			2037	* *	1		B
Conversion Equipment								
Int Pkg Unit - Cooling	80%			2022	\$247,700	2	\$1,000	B
No Component	20%							D
Distribution								
Ductwork/Diffusers	80%			LIFE	* *	2	\$22,100	B
No Component	20%							D
Heat Rejection								
Remote Air Cond	80%			2026	* *	2	\$11,800	B
No Component	20%							D
Plumbing								
H/C Water Piping								
Brass/Copper	70%			2041	* *	1		B
Galv Iron/Steel	30%			2026	* *	1		B
Water Heater								
Gas Fired	100%			2020	\$5,600	2	\$300	B
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		B
Sump Pump(s)								
Rigid Piping	100%			2029	* *	4	\$1,300	B
Fixtures								
Generic	100%							B
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			C
<i>Other Observation, Extent : Light, Area Affected : 100%</i> <i>Location : B, 1, 2, Attic</i> <i>Explanation : 1 Unit</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : STATEN ISLAND CHILDREN'S MUSEUM BLDG O (BARN)
Address : 1000 RICHMOND TERRACE SNUG HARBOR
Borough : STATEN ISLAND **Agency's Number** : N/A
Program / Asset # : DCA0029.010 / 13438 **Yr Built/Renovated** : 1891 / 2001
Area Sq Ft : 10,000 **Project Type** : CULTURAL AFFAIRS
Date of Survey : 22-Jun-2010 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1,2
Block : 76 **Lot** : 200 **BIN** : 5113026

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$42,500	\$260,400
Mechanical		\$214,300
Total	\$42,500	\$474,700
Priority A	\$42,500	\$260,400
Priority B		\$214,300
Total	\$42,500	\$474,700

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture		\$900	\$13,500	
Interior Architecture	\$24,500	\$1,800		
Electrical	\$500	\$600	\$800	\$600
Mechanical	\$1,900	\$3,900	\$3,800	\$3,800
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$30,800	\$11,100	\$22,100	\$8,400
Priority A		\$900	\$13,500	
Priority B	\$6,300	\$8,400	\$8,600	\$8,400
Priority C	\$24,500	\$1,800		
Total	\$30,800	\$11,100	\$22,100	\$8,400



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF CULTURAL AFFAIRS - 126
STATEN ISLAND CHILDREN'S MUSEUM BLDG O (BARN)

Asset # : 13438

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	65%			LIFE	**	5	\$147,200	A
Masonry: Fieldstone	20%			LIFE	**	5	\$34,000	A
Metal Panel	10%			2041	**	5-10	\$155,700	A
Wood	5%			2034	**	5	\$56,600	A
Windows								
Wood	100%			2037	**	5	\$27,000	A
Roof								
Built-Up (BUR)	7%			2026	**	10	\$900	A
Copper/Terne	93%			2049	**	10	\$29,200	A
Interior								
Floors								
Cast in Place Concrete	45%			LIFE	**	5	\$24,100	C
Ceramic Tile	5%			2030	**	5	\$1,200	C
Sheet Vinyl/Rubber	10%			2026	**	5	\$3,700	C
Wood	40%	Now	\$20,700	2049	**	5	\$9,200	C
<i>Broken/Missing Elements, Extent : Light, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
Interior Walls								
Cast in Place Concrete	3%			LIFE	**			C
Ceramic Tile	6%			2030	**	5	\$1,500	C
Glass: Single Pane	3%			LIFE	**	5	\$600	C
Gypsum Board	35%			LIFE	**	5	\$5,100	C
Masonry: Brick	13%			LIFE	**			C
Masonry: Fieldstone	2%	0-2	\$2,500	LIFE	**			C
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Water Penetration</i>								
SGFT/Glazed Masonry	35%			LIFE	**			C
Wood	3%			LIFE	**	5	\$2,900	C
Ceilings								
AcousTileSusp.Lay-In	40%			2034	**	5	\$10,000	B
Exposed Concrete	2%			LIFE	**	5	\$100	B
Exposed Struc: Steel	10%			LIFE	**			B
Exposed Struc: Wood	45%			LIFE	**			B
Gypsum Board	3%			LIFE	**	5	\$900	B

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
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%			2047	**	5	\$200	B
Switchgear / Switchboard								
Molded Case Bkrs	100%			2047	**	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.*

**DEPARTMENT OF CULTURAL AFFAIRS - 126
STATEN ISLAND CHILDREN'S MUSEUM BLDG O (BARN)**

Asset # : 13438

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Raceway								
Conduit	100%			2047	**	1		B
Panelboards								
Molded Case Bkrs	100%			2043	**	5	\$200	B
Wiring								
Thermoplastic	100%			2047	**	1		B
Motor Controllers								
Locally Mounted	100%			2038	**	5	\$100	B
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$100	B
Lighting								
Interior Lighting								
Fluorescent	60%			2029	**	10	\$4,500	B
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : T-8 Lamps</i>						
Fluorescent	8%			2029	**	10	\$600	B
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Lobby, Store And Stairway</i>						
		<i>Explanation : Using T-5 Lamps</i>						
HID	2%			2029	**	10		B
Incandescent	30%			2029	**	2	\$100	B
Egress Lighting								
Emergency, Service	50%			2029	**	1		B
Exit, Service	50%			2029	**	1		B
Exterior Lighting								
HID	100%			2029	**	10		B
Lightning Protection								
Arresters/Cabling								
Generic	100%			2056	**	5	\$200	B
Alarm								
Fire/Smoke Detection								
Generic	100%			2029	**	1-3	\$5,000	B

Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Natural Gas	100%			2041	**	1		B
Conversion Equipment								
Hot Water Boiler	100%			2034	**	1	\$4,700	B
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Ground Floor Boiler Room</i>						
		<i>Explanation : 1 Unit</i>						

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPARTMENT OF CULTURAL AFFAIRS - 126
STATEN ISLAND CHILDREN'S MUSEUM BLDG O (BARN)**

Asset # : 13438

Mechanical System Component Type	Current Repair		Future Replacement		Maintenance		Priority Code	
	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)		Estimated Cost
Heating								
Distribution								
Hot Wtr Piping/Pump	100%			2037	* *	4	\$500	B
Terminal Devices								
Air Handler	70%			2026	* *	1	\$4,100	B
Convactor/Radiator	30%			2034	* *	1	\$900	B
Air Conditioning								
Energy Source								
Electricity	100%			2037	* *	1		B
Conversion Equipment								
Int Pkg Unit - Heating/Cooling	100%			2022	\$214,300	2	\$600	B
Distribution								
Chilled Wtr Pipe/Pump	100%			2041	* *	4	\$500	B
Terminal Devices								
Air Handler/Cool/Ht	100%			2026	* *	1	\$5,900	B
Heat Rejection								
Water Cool Tower	100%			2022	\$30,900	2	\$9,500	B
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$5,300	B
Exhaust Fans								
Interior	100%			2026	* *	2	\$300	B
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2041	* *	1		B
Water Heater								
Electric	100%			2020	\$1,700	4	\$100	B
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		B
Sump Pump(s)								
Rigid Piping	100%			2021	\$10,300	4	\$1,300	B
Fixtures								
Generic	100%							B
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			C
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : G-1</i>						
		<i>Explanation : One Unit</i>						
Fire Suppression								
Sprinkler								
Generic	100%			2041	* *	1-2	\$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.

Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : STATEN ISLAND CHILDREN'S MUSEUM BUILDING M
Address : 1000 RICHMOND TERRACE SNUG HARBOR
Borough : STATEN ISLAND **Agency's Number** : N/A
Program / Asset # : DCA0029.000 / 3007 **Yr Built/Renovated** : 1913 / 2001
Area Sq Ft : 15,456 **Project Type** : CULTURAL AFFAIRS
Date of Survey : 22-Jun-2010 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1,3
Block : 76 **Lot** : 200 **BIN** : 5113026

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$91,000	\$218,000
Mechanical		\$70,600
Total	\$91,000	\$288,600
Priority A	\$91,000	\$218,000
Priority B		\$70,600
Total	\$91,000	\$288,600

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$40,200	\$29,700		
Interior Architecture	\$65,700		\$600	\$4,300
Electrical	\$800	\$20,700	\$1,000	\$700
Mechanical	\$17,400	\$2,600	\$4,300	\$2,600
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$128,100	\$56,900	\$9,900	\$11,500
Priority A	\$40,200	\$29,700		
Priority B	\$22,200	\$27,200	\$9,300	\$7,200
Priority C	\$65,700		\$600	\$4,300
Total	\$128,100	\$56,900	\$9,900	\$11,500



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF CULTURAL AFFAIRS - 126
STATEN ISLAND CHILDREN'S MUSEUM BUILDING M

Asset # : 3007

Architecture	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Cast in Place Concrete	3%			LIFE	**	5	\$34,000	A
Masonry: Brick	80%			LIFE	**	5	\$181,200	A
Masonry: Sandstone	5%			LIFE	**	5	\$8,500	A
Pre-Cast Concrete	5%	0-2	\$40,500	LIFE	**	5	\$36,800	A
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Cornice</i>								
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Cornice</i>								
Window Wall	7%			2041	**	5	\$59,400	A
Windows								
Wood	25%	Now	\$2,800	2029	**	5	\$3,400	A
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : First Floor</i>								
Wood	75%	Now	\$3,200	2037	**	5	\$10,100	A
<i>Ctrwt/Balnc Not Funct, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
Roof								
Cast in Place Concrete	5%			LIFE	**			A
<i>Other Observation, Extent : Light, Area Affected : 25%</i>								
<i>Location : Over Connector Basement</i>								
<i>Explanation : Concrete With Glass Block Units</i>								
Copper/Terne	50%	Now	\$7,100	2036	**			A
<i>Gut/DS Non Func/Miss, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : East Facade</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Below East Windows On Third Floor</i>								
Metal Panel	5%			2034	**	10	\$1,200	A
Modified Bitumen	30%	0-2	\$27,100	2031	**			A
<i>Punct/Tear/Impact Damage, Extent : Severe, Area Affected : 66%</i>								
<i>Location : Throughout</i>								
Panel/Paver: Cer/Brk	5%			2041	**	10	\$800	A
Skylight, Metal/Glass	5%	Now	\$50,500	2041	**			A
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 66%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Stair</i>								
Interior								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF CULTURAL AFFAIRS - 126
STATEN ISLAND CHILDREN'S MUSEUM BUILDING M

Asset # : 3007

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
Floors								
Carpet	35%	0-2	\$50,400	2023	\$50,400	3	\$12,900	C
<i>Punct/Tear/Impact Damage, Extent : Severe, Area Affected : 66%</i>								
<i>Location : Throughout</i>								
<i>Staining/Discoloring, Extent : Severe, Area Affected : 66%</i>								
<i>Location : Throughout</i>								
Cast in Place Concrete	5%			LIFE	**	5	\$2,700	C
Ceramic Tile	5%			2030	**	5	\$1,200	C
Slate	5%	Now	\$1,000	LIFE	**	5	\$1,300	C
<i>Cracking/Crumbling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Lobby</i>								
Vinyl Tile	20%			2026	**	3	\$1,800	C
Wood	30%			2049	**	5	\$13,800	C
Interior Walls								
Gypsum Board	70%	Now	\$6,200	LIFE	**	5	\$10,300	C
<i>Cracking/Crumbling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
Plaster	20%	Now	\$4,500	LIFE	**	5	\$1,500	C
<i>Water Penetration, Extent : Light, Area Affected : 5%</i>								
<i>Location : Stair, East Windows On Third Floor</i>								
Plywood/Hardboard	10%	Now	\$3,000	LIFE	**			C
<i>Broken/Missing Elements, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
Ceilings								
AcousTileConcealSpLn	5%			2034	**	5	\$1,600	B
Exposed Concrete	5%			LIFE	**	5	\$200	B
Exposed Concrete	5%			LIFE	**	5	\$200	B
Exposed Struc: Steel	5%			LIFE	**			B
Gypsum Board	45%			LIFE	**	5	\$14,100	B
Plaster	35%			LIFE	**	5	\$5,500	B

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
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%			2021	\$15,900	5	\$100	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : One 1200 Amps Main Disconnect Switch</i>								
Switchgear / Switchboard								
Fused Disc Sw	100%			2021	\$19,800	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.*

**DEPARTMENT OF CULTURAL AFFAIRS - 126
STATEN ISLAND CHILDREN'S MUSEUM BUILDING M**

Asset # : 3007

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts								
Raceway								
Conduit	75%			2021	\$16,100	1		B
Conduit	25%			2041	**	1		B
Panelboards								
Fused Disc Sw	5%			2037	**	5		B
Molded Case Bkrs	30%			2037	**	5	\$100	B
Molded Case Bkrs	65%			2020	\$7,300	5	\$200	B
Motor Controllers								
Locally Mounted	20%			2034	**	5		B
Locally Mounted	80%			2019	\$23,000	5	\$100	B
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$200	B
Lighting								
Interior Lighting								
Fluorescent	24%			2016	\$12,700	10	\$2,800	B
								<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>
								<i>Location : Offices</i>
								<i>Explanation : Using T-12 Lamps</i>
Fluorescent	20%			2026	**	10	\$2,300	B
								<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>
								<i>Location : New Addition</i>
								<i>Explanation : Using T-8 Lamps</i>
Fluorescent	5%			2026	**	10	\$600	B
								<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>
								<i>Location : Lobby And Stairway</i>
								<i>Explanation : Using T-5 Lamps</i>
HID	1%			2026	**	10		B
Incandescent	50%			2026	**	2	\$100	B
Egress Lighting								
Emergency, Battery	50%			2026	**	10	\$1,500	B
Exit, Service	50%			2026	**	1		B
Alarm								
Fire/Smoke Detection								
Generic	100%			2026	**	1-3	\$7,800	B

Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating								
Energy Source								
Campus Steam	100%			2031	**	1		B
								<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>
								<i>Location : Building " L "</i>
								<i>Explanation : Steam Comes From Snug Harbor Power Plant</i>

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Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF CULTURAL AFFAIRS - 126
STATEN ISLAND CHILDREN'S MUSEUM BUILDING M

Asset # : 3007

Mechanical	Current Repair		Future Replacement		Maintenance		Priority Code	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating								
Conversion Equipment								
Heat Exchanger	100%			2030	**	1	\$7,300	B
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Basement</i>							
	<i>Explanation : 2 Units</i>							
Distribution								
Hot Wtr Piping/Pump	90%			2029	**	4	\$700	B
Steam Piping/Pump	10%	Now	\$11,600	2051	**	4	\$100	B
	<i>Other Observation, Extent : Severe, Area Affected : 100%</i>							
	<i>Location : Basement</i>							
	<i>Explanation : 2 Vacuum Condensate Units - 1 Obsolete, 1 On Extended Life</i>							
Terminal Devices								
Air Handler	60%			2026	**	1	\$5,500	B
Convactor/Radiator	40%			2034	**	1	\$1,900	B
Air Conditioning								
Energy Source								
District C.W.	100%			2031	**	1		B
Distribution								
Chilled Wtr Pipe/Pump	100%			2031	**	4	\$1,100	B
Terminal Devices								
Air Handler/Cool/Ht	100%			2021	\$70,600	1	\$9,100	B
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$8,200	B
Exhaust Fans								
Interior	100%			2021	\$18,400	2	\$500	B
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2031	**	1		B
Water Heater								
Electric	100%			2015	\$2,600	4	\$100	B
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		B
Storm Drain Piping								
Cast Iron	100%			LIFE	**	1		B
Fixtures								
Generic	100%							B
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	**			C
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : B-3</i>							
	<i>Explanation : One Unit</i>							
Fire Suppression								
Sprinkler								
No Component	30%							D
Generic	70%			2031	**	1-2	\$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.*

Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : STATEN ISLAND ZOOLOGICAL SOCIETY HORSE BARN
Address : 614 BROADWAY BARRETT PARK
Borough : STATEN ISLAND **Agency's Number** : N/A
Program / Asset # : DCA0003.110 / 13598 **Yr Built/Renovated** : 2005 /
Area Sq Ft : 3,000 **Project Type** : CULTURAL AFFAIRS
Date of Survey : 10-Mar-2010 **Landmark Status** : NONE
Areas Surveyed : Roof, Floors 1
Block : 314 **Lot** : 70 **BIN** : 5106733

CAPITAL

Total

Priority

Total

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture				\$22,600
Interior Architecture		\$400		
Electrical		\$2,300		
Mechanical				
Total		\$2,700		\$22,600
Priority A				\$22,600
Priority B		\$2,300		
Priority C		\$400		
Total		\$2,700		\$22,600



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
 Estimates are rounded to the nearest hundred dollars.
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
 ** Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF CULTURAL AFFAIRS - 126
STATEN ISLAND ZOOLOGICAL SOCIETY HORSE BARN**

Asset # : 13598

Architecture		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code

Exterior

Exterior Walls								
Wood	100%			2038	**	5	\$28,200	A
Windows								
Aluminum	100%			2043	**	5	\$400	A
Roof								
Metal Panel	100%			2038	**	10	\$8,300	A

Interior

Floors								
Cast in Place Concrete	85%			LIFE	**	5	\$5,100	C
Wood	15%			2056	**	5	\$800	C
<i>Other Observation, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Mezzanine Level</i>								
<i>Explanation : Used As Hay Loft</i>								

Interior Walls								
Gypsum Board	15%			LIFE	**	5	\$300	C
Wood	85%			LIFE	**	5	\$11,200	C
Ceilings								
Exposed Struc: Wood	100%			LIFE	**			B

Electrical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code

Under 600 Volts

Raceway								
Conduit	100%			2041	**	1		B
Panelboards								
Molded Case Bkrs	100%			2037	**	5	\$100	B
Wiring								
Thermoplastic	100%			2041	**	1		B

Lighting

Interior Lighting								
Fluorescent	100%			2026	**	10	\$2,300	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Using Compact Fluorescent</i>								

Egress Lighting								
Emergency, Battery	50%			2029	**	10	\$300	B
Exit, Service	50%			2029	**	1		B
Exterior Lighting								
HID	100%			2026	**	10		B

Mechanical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code

Ventilation

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF CULTURAL AFFAIRS - 126
STATEN ISLAND ZOOLOGICAL SOCIETY HORSE BARN

Asset # : 13598

Mechanical	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Ventilation								
Exhaust Fans								
Roof	100%			2026	* *	2	\$100	B
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2041	* *	1		B
Sanitary Piping								
Cast Iron	10%			LIFE	* *	1		B
No Component	90%							D
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		B
Backflow Preventer								
Generic	100%			2026	* *	1	\$200	B

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Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : STATEN ISLAND ZOOLOGICAL SOCIETY HOSPITAL BUILDING
Address : 614 BROADWAY BARRETT PARK
Borough : STATEN ISLAND **Agency's Number** : N/A
Program / Asset # : DCA0003.030 / 2322 **Yr Built/Renovated** : 1984 / 2001
Area Sq Ft : 6,400 **Project Type** : CULTURAL AFFAIRS
Date of Survey : 09-Mar-2010 **Landmark Status** : NONE
Areas Surveyed : Roof, Floors 1
Block : 314 **Lot** : 70 **BIN** : 5106734

CAPITAL

Total

Priority

Total

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$21,200	\$3,400	\$100	
Interior Architecture	\$2,900			
Electrical	\$500	\$2,000	\$600	\$500
Mechanical	\$1,700	\$34,700	\$1,200	\$700
Total	\$26,300	\$40,200	\$1,900	\$1,200
Priority A	\$21,200	\$3,400	\$100	
Priority B	\$4,900	\$36,700	\$1,800	\$1,200
Priority C	\$200			
Total	\$26,300	\$40,200	\$1,900	\$1,200



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF CULTURAL AFFAIRS - 126
STATEN ISLAND ZOOLOGICAL SOCIETY HOSPITAL BUILDING

Asset # : 2322

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	85%			LIFE	**	5	\$10,400	A
Window Wall	15%			2041	**	5	\$6,900	A
Windows								
Aluminum	100%			2037	**	5	\$200	A
Parapets								
Masonry: Brick	90%			LIFE	**	5	\$1,600	A
Pre-Cast Concrete	10%			LIFE	**	5	\$1,100	A
Roof								
Built-Up (BUR)	35%	Now	\$21,200	2031	**			A
			<i>Patching Evident, Extent : Moderate, Area Affected : 20%</i>					
			<i>Location : Flat Roofs</i>					
			<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>					
			<i>Location : Flat Roofs</i>					
Metal Panel	5%			2034	**	10	\$1,000	A
Slate	45%			LIFE	**			A
Sloped Glazing	15%			LIFE	**	5	\$22,500	A
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	**	5	\$900	C
Ceramic Tile	5%			2030	**	5	\$400	C
Terrazzo	90%			LIFE	**	5	\$5,700	C
Interior Walls								
Concrete Masonry Unit	60%			LIFE	**	5	\$2,700	C
Plaster	40%			LIFE	**	5	\$1,300	C
Ceilings								
AcousTileSusp.Lay-In	25%	Now	\$2,700	2034	**	5	\$1,000	B
			<i>Staining/Discoloring, Extent : Moderate, Area Affected : 10%</i>					
			<i>Location : Below Flat Roofs</i>					
			<i>Water Penetration, Extent : Moderate, Area Affected : 5%</i>					
			<i>Location : Below Flat Roofs</i>					
Exposed Concrete	25%			LIFE	**	5	\$300	B
Gypsum Board	25%			LIFE	**	5	\$2,500	B
Plaster	25%			LIFE	**	5	\$1,300	B

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Switchgear / Switchboard								
Fused Disc Sw	30%			2041	**	5		B
Molded Case Bkrs	70%			2041	**	5	\$100	B
Raceway								
Conduit	80%			2021	\$17,200	1		B
Conduit	20%			2031	**	1		B

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF CULTURAL AFFAIRS - 126
STATEN ISLAND ZOOLOGICAL SOCIETY HOSPITAL BUILDING

Asset # : 2322

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Panelboards								
Molded Case Bkrs	80%			2037	**	5	\$100	B
Molded Case Bkrs	20%			2029	**	5		B
Wiring								
Thermoplastic	80%			2031	**	1		B
Thermoplastic	20%			2041	**	1		B
Motor Controllers								
Locally Mounted	100%			2034	**	5		B
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$100	B
Lighting								
Interior Lighting								
Fluorescent	20%			2026	**	10	\$1,000	B
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : New Addition</i>						
		<i>Explanation : Using T8 Lamps</i>						
Fluorescent	80%			2021	\$9,600	10	\$4,000	B
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Using T12 Lamps</i>						
Egress Lighting								
Emergency, Battery	50%			2021	\$1,100	10	\$700	B
Exit, LED	25%			2049	**	1		B
Exit, Service	25%			2021	\$200	1		B
Exterior Lighting								
Fluorescent	100%			2026	**	10	\$500	B
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Outside</i>						
		<i>Explanation : Using Compact</i>						
Alarm								
Security System								
Generic	100%			2026	**	1	\$2,000	B
Fire/Smoke Detection								
Generic	100%			2026	**	1-3	\$3,200	B

Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Natural Gas	100%			2031	**	1		B

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF CULTURAL AFFAIRS - 126
STATEN ISLAND ZOOLOGICAL SOCIETY HOSPITAL BUILDING

Asset # : 2322

Mechanical	Current Repair		Future Replacement		Maintenance		Priority Code	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating								
Conversion Equipment								
Hot Water Boiler	100%	0-2	\$1,400	2019	\$13,900	1	\$2,400	B
<i>Obsolete Equipment, Extent : Moderate, Area Affected : 60%</i>								
<i>Location : Boiler For Old Section Appears To Be Undersized</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : One Unit For Old Section And One For New Section</i>								
<i>Explanation : Two Units</i>								
<hr/>								
Distribution								
Hot Wtr Piping/Pump	100%			2029	* *	4	\$300	B
<hr/>								
Terminal Devices								
Air Handler	90%			2016	\$29,900	1	\$3,000	B
Convactor/Radiator	10%			2026	* *	1	\$200	B
<hr/>								
Air Conditioning								
Energy Source								
Electricity	100%			2029	* *	1		B
<hr/>								
Conversion Equipment								
Ext Pkg Unit - Cooling	50%			2016	\$2,600	2	\$200	B
Ext Pkg Unit - Cooling	50%			2026	* *	2	\$200	B
<hr/>								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$3,000	B
<hr/>								
Exhaust Fans								
Roof	100%			2026	* *	2	\$200	B
<hr/>								
Plumbing								
H/C Water Piping								
Brass/Copper	50%			2041	* *	1		B
Galv Iron/Steel	50%			2019	\$9,200	1		B
<hr/>								
Water Heater								
Gas Fired	100%			2016	\$1,400	2	\$100	B
<hr/>								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		B
<hr/>								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		B
<hr/>								
Backflow Preventer								
Generic	100%			2026	* *	1	\$300	B
<hr/>								
Fixtures								
Generic	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.

Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : STATEN ISLAND ZOOLOGICAL SOCIETY MAIN ZOO BUILDING
Address : 614 BROADWAY BARRETT PARK
Borough : STATEN ISLAND **Agency's Number** : N/A
Program / Asset # : DCA0003.010 / 2321 **Yr Built/Renovated** : 1935 / 2006
Area Sq Ft : 42,760 **Project Type** : CULTURAL AFFAIRS
Date of Survey : 09-Mar-2010 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1,2
Block : 314 **Lot** : 70 **BIN** : 5106733

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$90,100	
Interior Architecture		\$120,300
Mechanical	\$75,800	\$450,200
Total	\$165,800	\$570,600
Priority A	\$90,100	
Priority B	\$75,800	\$450,200
Priority C		\$120,300
Total	\$165,800	\$570,600

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$23,100	\$5,900	\$1,600	
Interior Architecture	\$9,600	\$19,300	\$600	\$3,100
Electrical	\$5,500	\$18,300	\$5,200	\$4,300
Mechanical	\$25,500	\$9,500	\$21,800	\$9,700
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$67,500	\$56,900	\$33,300	\$21,000
Priority A	\$23,100	\$5,900	\$1,600	
Priority B	\$34,900	\$36,900	\$31,000	\$17,900
Priority C	\$9,600	\$14,100	\$600	\$3,100
Total	\$67,500	\$56,900	\$33,300	\$21,000



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF CULTURAL AFFAIRS - 126
STATEN ISLAND ZOOLOGICAL SOCIETY MAIN ZOO BUILDING

Asset # : 2321

Architecture	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	92%	Now	\$23,100	LIFE	**	5	\$34,500	A
<i>Expansion Jnt Failure, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Chimney</i>								
Masonry: Granite	3%			LIFE	**	5	\$800	A
Granite Panels	3%			LIFE	**	5	\$800	A
Window Wall	2%			2041	**	5	\$2,800	A
Windows								
Aluminum	95%			2037	**	5	\$3,300	A
Wood	5%			2029	**	5	\$1,700	A
Parapets								
Masonry: Brick	33%			LIFE	**	5	\$700	A
Pre-Cast Concrete	5%			LIFE	**	5	\$700	A
Pre-Cast Concrete	2%			LIFE	**	5	\$300	A
No Component	60%							D
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Slate Roof</i>								
Roof								
Metal Panel	5%			2034	**	10	\$1,400	A
Modified Bitumen	30%			2026	**	10	\$4,500	A
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Over Reptile Wing Roof</i>								
<i>Explanation : Loose Ballast</i>								
Skylight, Metal/Glass	3%			2041	**	10	\$1,500	A
Slate	50%	Now	\$42,600	LIFE	**			A
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout West Wing</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : West Wing</i>								
Sloped Glazing	12%	Now	\$47,500	LIFE	**	5	\$23,700	A
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Throughout</i>								

Interior

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF CULTURAL AFFAIRS - 126
STATEN ISLAND ZOOLOGICAL SOCIETY MAIN ZOO BUILDING

Asset # : 2321

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
Floors								
Carpet	12%	Now	\$1,800	2020	\$36,600	3	\$9,300	C
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
Cast in Place Concrete	25%	Now	\$3,900	LIFE	**	5	\$28,400	C
<i>Water Penetration, Extent : Light, Area Affected : 5%</i>								
<i>Location : Boiler Room</i>								
Ceramic Tile	10%			2030	**	5	\$5,200	C
Quarry Tile	5%			2034	**	5	\$3,900	C
Sheet Vinyl/Rubber	13%			2026	**	5	\$10,100	C
Sheet Vinyl/Rubber	15%			2021	\$120,300	5	\$11,700	C
Traffic Topping	10%			2026	**	5	\$6,500	C
Vinyl Tile	10%			2026	**	3	\$1,900	C
Interior Walls								
Ceramic Tile	3%			2030	**	5	\$2,400	C
Concrete Masonry Unit	5%			LIFE	**	5	\$1,600	C
Glass: Special Gauge	25%			LIFE	**	1		C
Gypsum Board	22%			LIFE	**	5	\$10,600	C
Gypsum Board	10%			LIFE	**	5	\$4,800	C
Masonry: Brick	5%			LIFE	**			C
Plaster	20%			LIFE	**	5	\$4,800	C
SGFT/Glazed Masonry	10%			LIFE	**			C
Ceilings								
AcousTileSusp.Lay-In	20%			2026	**	5	\$10,400	B
AcousTileSusp.Lay-In	18%			2034	**	5	\$9,300	B
Exposed Struc: Steel	2%			LIFE	**			B
Exposed Struc: Wood	5%			LIFE	**			B
Gypsum Board	30%			LIFE	**	5	\$19,400	B
Plaster	25%			LIFE	**	5	\$8,100	B

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
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%			2041	**	5	\$200	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : Two 1200 Amps Main Disconnect Switch</i>								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2041	**	5	\$900	B
Raceway								
Conduit	100%			2041	**	1		B
Panelboards								
Fused Disc Sw	10%			2029	**	5	\$100	B
Molded Case Bkrs	90%			2037	**	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.*

DEPARTMENT OF CULTURAL AFFAIRS - 126
STATEN ISLAND ZOOLOGICAL SOCIETY MAIN ZOO BUILDING

Asset # : 2321

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Wiring								
Thermoplastic	80%			2041	**	1		B
Thermoplastic	20%			2031	**	1		B
Motor Controllers								
Locally Mounted	40%			2034	**	5	\$100	B
Locally Mounted	40%			2026	**	5	\$100	B
Locally Mounted	20%			2019	\$5,200	5		B
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$500	B
Stand-by Power								
Transfer Switches								
Automatic	100%			2034	**	1	\$10,800	B
Generators								
Diesel	100%			2030	**	1	\$13,600	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Outdoor Generator</i>								
<i>Explanation : One 600 Kw</i>								
Batteries								
Lead/Acid	100%			2015	\$600	5	\$1,300	B
Fuel Storage								
Main Tank	100%			2049	**	5	\$1,000	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Outdoor Generator</i>								
<i>Explanation : One 300 Gallon Tank</i>								
Lighting								
Interior Lighting								
Fluorescent	40%			2026	**	10	\$12,700	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : Using T-8 And T-5 Lamps</i>								
HID	25%			2026	**	10	\$300	B
Incandescent	35%			2026	**	2	\$300	B
Egress Lighting								
Emergency, Service	45%			2026	**	1		B
Emergency, Battery	5%			2026	**	10	\$400	B
Exit, Service	50%			2026	**	1		B
Alarm								
Fire/Smoke Detection								
No Component	10%							D
Generic	90%			2026	**	1-3	\$19,400	B

Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	

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.

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DEPARTMENT OF CULTURAL AFFAIRS - 126
STATEN ISLAND ZOOLOGICAL SOCIETY MAIN ZOO BUILDING

Asset # : 2321

Mechanical	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Natural Gas	100%			2031	**	1		B
Conversion Equipment								
Steam Boiler	100%			2026	**	1	\$34,400	B
Distribution								
Hot Wtr Piping/Pump	80%			2037	**	4	\$1,400	B
Steam Piping/Pump	20%	Now	\$10,900	2031	**	4	\$300	B
<i>Corroded, Extent : Severe, Area Affected : 30%</i>								
<i>Location : Condensate Tank And Return Lines, Boiler Room</i>								
Terminal Devices								
Air Handler	20%			2016	\$42,400	1	\$4,300	B
Air Handler	50%			2026	**	1	\$10,700	B
Convactor/Radiator	20%			2019	\$18,300	1	\$2,200	B
Unit Heater-Stm/HW	10%			2026	**	4	\$300	B
Air Conditioning								
Energy Source								
Electricity	100%			2029	**	1		B
Conversion Equipment								
Reciprocating Compr/Chiller	100%			2021	\$133,400	1	\$16,100	B
Distribution								
Chilled Wtr Pipe/Pump	100%			2041	**	4	\$1,700	B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement Air Conditioning Equipment Room</i>								
<i>Explanation : Installation Of Auto Control Is In Progress</i>								
Terminal Devices								
Air Handler/Cool/Ht	80%			2026	**	1	\$17,200	B
Air Handler/Cool/Ht	20%			2016	\$33,400	1	\$4,300	B
Heat Rejection								
Remote Air Cond	100%			2021	\$234,700	2	\$24,100	B
Ventilation								
Distribution								
Ductwork/Diffusers	60%			LIFE	**	2-5	\$11,600	B
Ductwork/Diffusers	40%			LIFE	**	2-5	\$7,700	B
Exhaust Fans								
Interior	70%			2026	**	2	\$800	B
Roof	30%			2021	\$9,400	2	\$300	B
Plumbing								
H/C Water Piping								
Brass/Copper	30%			2041	**	1		B
Galv Iron/Steel	70%			2019	\$82,200	1		B
HW Heat Exchanger								
Low Temp	100%			2041	**	4	\$3,400	B
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		B
Storm Drain Piping								
Cast Iron	100%			LIFE	**	1		B

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF CULTURAL AFFAIRS - 126
STATEN ISLAND ZOOLOGICAL SOCIETY MAIN ZOO BUILDING

Asset # : 2321

Mechanical	Current Repair		Future Replacement		Maintenance		Priority Code	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)		Estimated Cost
Plumbing								
Sump Pump(s)								
Rigid Piping	100%			2021	\$10,300	4	\$1,300	B
Sewage Ejector(s)								
Electric	100%			2021	\$10,300	4	\$1,300	B
Backflow Preventer								
Generic	100%			2021	\$3,800	1	\$2,100	B
Fixtures								
Generic	100%							B
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	**			C
			<i>Other Observation, Extent : Severe, Area Affected : 100%</i>					
			<i>Location : B-2</i>					
			<i>Explanation : 1 Unit</i>					
Fire Suppression								
Sprinkler								
No Component	60%							D
Generic	40%			2041	**	1-2	\$3,900	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.

Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : STATEN ISLAND ZOOLOGICAL SOCIETY MAINTENANCE/COMMISSARY BLDG.
Address : 614 BROADWAY BARRETT PARK
Borough : STATEN ISLAND **Agency's Number** : N/A
Program / Asset # : DCA0003.020 / 2164 **Yr Built/Renovated** : 1935 / 1983
Area Sq Ft : 4,800 **Project Type** : CULTURAL AFFAIRS
Date of Survey : 09-Mar-2010 **Landmark Status** : NONE
Areas Surveyed : Roof, Floors 1
Block : 314 **Lot** : 70 **BIN** : 5141695

CAPITAL

Total

Priority

Total

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$9,600	\$5,900	\$500	
Interior Architecture	\$7,600			
Electrical	\$100	\$2,500		
Mechanical	\$300	\$2,100	\$600	\$200
Total	\$17,500	\$10,600	\$1,100	\$200
Priority A	\$9,600	\$5,900	\$500	
Priority B	\$5,500	\$4,700	\$600	\$200
Priority C	\$2,400			
Total	\$17,500	\$10,600	\$1,100	\$200



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF CULTURAL AFFAIRS - 126
STATEN ISLAND ZOOLOGICAL SOCIETY MAINTENANCE/COMMISSARY BLDG.

Asset # : 2164

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	65%			LIFE	**	5	\$6,000	A
Masonry: Brick	35%			LIFE	**	5	\$3,200	A
Windows								
Wood	65%			2037	**	5	\$900	A
Wood	35%	Now	\$1,600	2046	**	5	\$300	A
<i>Crwt/Balnc Not Funct, Extent : Severe, Area Affected : 66%</i>								
<i>Location : Throughout</i>								
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	**	5	\$1,000	A
Masonry: Brick	90%			LIFE	**	5	\$1,200	A
Roof								
Single Ply Membrane	70%			2026	**	10	\$5,900	A
Single Ply Membrane	27%	Now	\$8,000	2031	**			A
<i>Punct/Tear/Impact Damage, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Skylight, Plastic	3%			2034	**	1		A
Interior								
Floors								
Cast in Place Concrete	55%			LIFE	**	5	\$7,300	C
Ceramic Tile	10%			2030	**	5	\$600	C
Terrazzo	35%			LIFE	**	5	\$1,700	C
Interior Walls								
Ceramic Tile	50%			2030	**	5	\$4,200	C
Masonry: Brick	50%			LIFE	**			C
Ceilings								
Gypsum Board	5%			LIFE	**	5	\$400	B
Metal Panel	45%			LIFE	**	5	\$3,400	B
Plaster	50%	Now	\$5,200	LIFE	**	5	\$1,900	B
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Maintenance Areas</i>								
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Maintenance Areas</i>								

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Raceway								
Conduit	100%			2021	\$21,500	1		B
Panelboards								
Molded Case Bkrs	100%			2020	\$11,200	5	\$100	B
Wiring								
Thermoplastic	100%			2021	\$15,100	1		B
Lighting								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF CULTURAL AFFAIRS - 126
STATEN ISLAND ZOOLOGICAL SOCIETY MAINTENANCE/COMMISSARY BLDG.

Asset # : 2164

Electrical	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code

Lighting

Interior Lighting Fluorescent	100%			2021	\$9,000	10	\$3,700	B
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Other Observation, Extent : Moderate, Area Affected : 100%

Location : Throughout The Building

Explanation : Using T12 Lamps

Egress Lighting Emergency, Battery	50%			2016	\$800	10	\$500	B
Exit, Service	50%			2016	\$300	1		B

Exterior Lighting Incandescent	100%			2016	\$900	2		B
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Mechanical	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code

Heating

Energy Source Natural Gas	100%			2031	**	1		B
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Conversion Equipment Furnace	100%			2021	\$5,600	1	\$2,000	B
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Other Observation, Extent : Light, Area Affected : 100%

Location : Outside The Wall

Explanation : Two Units

Terminal Devices Fan Coil Unit/Heat	20%			2021	\$13,800	1	\$300	B
No Component	80%							D

Air Conditioning

Energy Source Electricity	100%			2029	**	1		B
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Conversion Equipment Window/Wall Unit	20%			2016	\$1,900	1		B
No Component	80%							D

Ventilation

Distribution Ductwork/Diffusers	100%			LIFE	**	2-5	\$2,300	B
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Exhaust Fans Interior	100%			2021	\$6,100	2	\$100	B
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Plumbing

H/C Water Piping Brass/Copper	100%			2041	**	1		B
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Water Heater Gas Fired	100%			2019	\$1,100	2	\$100	B
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Sanitary Piping Cast Iron	100%			LIFE	**	1		B
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Storm Drain Piping Cast Iron	100%			LIFE	**	1		B
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Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF CULTURAL AFFAIRS - 126
STATEN ISLAND ZOOLOGICAL SOCIETY MAINTENANCE/COMMISSARY BLDG.

Asset # : 2164

Mechanical	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Plumbing								
Fixtures								
Generic	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.*

Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : STATEN ISLAND ZOOLOGICAL SOCIETY OPEN AIR PAVILION
Address : 614 BROADWAY BARRETT PARK
Borough : STATEN ISLAND **Agency's Number** : N/A
Program / Asset # : DCA0003.100 / 4495 **Yr Built/Renovated** : 1998 /
Area Sq Ft : 1,450 **Project Type** : CULTURAL AFFAIRS
Date of Survey : 10-Mar-2010 **Landmark Status** : NONE
Areas Surveyed : Roof, Floors 1
Block : 314 **Lot** : 70 **BIN** : 5106735

CAPITAL

Total

Priority

Total

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture				
Interior Architecture			\$1,800	
Electrical				
Total			\$1,800	
Priority A				
Priority B				
Priority C			\$1,800	
Total			\$1,800	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF CULTURAL AFFAIRS - 126
STATEN ISLAND ZOOLOGICAL SOCIETY OPEN AIR PAVILION

Asset # : 4495

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost		
Exterior									
Exterior Walls									
Masonry: Brick	10%			LIFE	**	5	\$300	A	
Wood	10%			2034	**	5	\$1,300	A	
No Component	80%							D	
Roof									
Slate	80%			LIFE	**			A	
Sloped Glazing	20%			LIFE	**	5	\$8,000	A	
Interior									
Floors									
Panel/Paver: Cer/Brk	100%			2037	**	5	\$3,600	C	
Ceilings									
Exposed Struc: Wood	100%			LIFE	**			B	
Electrical									
System Component Type		% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts									
Raceway									
Conduit	100%			2031	**	1		B	
Wiring									
Thermoplastic	100%			2031	**	1		B	
Lighting									
Interior Lighting									
Incandescent	100%			2021	\$6,300	2		B	
Exterior Lighting									
HID	100%			2021	\$500	10		B	

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : STATEN ISLAND ZOOLOGICAL SOCIETY ZOO CAFE & GIFT SHOP
Address : 614 BROADWAY BARRETT PARK
Borough : STATEN ISLAND **Agency's Number** : N/A
Program / Asset # : DCA0003.090 / 2799 **Yr Built/Renovated** : 2002 /
Area Sq Ft : 2,227 **Project Type** : CULTURAL AFFAIRS
Date of Survey : 10-Mar-2010 **Landmark Status** : NONE
Areas Surveyed : Roof, Floors 1
Block : 314 **Lot** : 70 **BIN** : 5141696

CAPITAL

Total

Priority

Total

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture		\$1,300		\$200
Interior Architecture	\$1,200			
Electrical		\$900		
Mechanical	\$200	\$200	\$300	\$1,500
Total	\$1,300	\$2,300	\$300	\$1,700
Priority A		\$1,300		\$200
Priority B	\$200	\$1,100	\$300	\$1,500
Priority C	\$1,200			
Total	\$1,300	\$2,300	\$300	\$1,700



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF CULTURAL AFFAIRS - 126
STATEN ISLAND ZOOLOGICAL SOCIETY ZOO CAFE & GIFT SHOP

Asset # : 2799

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost		
Exterior									
Exterior Walls									
Masonry: Brick	100%			LIFE	**	5	\$2,100	A	
Windows									
Aluminum	100%			2043	**	5	\$300	A	
Roof									
Single Ply Membrane	30%			2026	**	10	\$1,300	A	
Slate	50%			LIFE	**			A	
Sloped Glazing	20%			LIFE	**	5	\$11,100	A	
Interior									
Floors									
Cast in Place Concrete	15%			LIFE	**	5	\$800	C	
Ceramic Tile	85%			2030	**	5	\$2,100	C	
Interior Walls									
Ceramic Tile	25%			2030	**	5	\$200	C	
Gypsum Board	5%			LIFE	**	5		C	
Masonry: Brick	70%			LIFE	**			C	
Ceilings									
AcousTileSusp.Lay-In	20%			2034	**	5	\$500	B	
Gypsum Board	80%			LIFE	**	5	\$2,500	B	
Electrical									
System Component Type		% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts									
Raceway									
Conduit	100%			2041	**	1		B	
Panelboards									
Molded Case Bkrs	100%			2037	**	5		B	
Wiring									
Thermoplastic	100%			2041	**	1		B	
Motor Controllers									
Locally Mounted	100%			2034	**	5		B	
Lighting									
Interior Lighting									
Fluorescent	50%			2026	**	10	\$800	B	
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
		<i>Location : Throughout</i>							
		<i>Explanation : Using T8 Lamps</i>							
Fluorescent	50%			2021	\$5,000	10	\$800	B	
		<i>Other Observation, Extent : Moderate, Area Affected : 50%</i>							
		<i>Location : Basement</i>							
		<i>Explanation : Using T12 Lamps</i>							
Egress Lighting									
Emergency, Battery	50%			2029	**	10	\$200	B	
Exit, Service	50%			2029	**	1		B	

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF CULTURAL AFFAIRS - 126
STATEN ISLAND ZOOLOGICAL SOCIETY ZOO CAFE & GIFT SHOP

Asset # : 2799

Electrical	Current Repair		Future Replacement		Maintenance		Priority Code	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code

Lighting

Exterior Lighting
Fluorescent

100%	2026	* *	10	\$200	B
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Other Observation, Extent : Moderate, Area Affected : 100%
Location : Outside
Explanation : Using Compact Fluorescent

Mechanical	Current Repair		Future Replacement		Maintenance		Priority Code	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code

Heating

Energy Source

Natural Gas

100%	2041	* *	1		B
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Conversion Equipment

Furnace

100%	2026	* *	1	\$800	B
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Other Observation, Extent : Moderate, Area Affected : 100%
Location : At Outside Walls
Explanation : Two Units And No Perimeter Heat

Air Conditioning

Energy Source

Electricity

100%	2037	* *	1		B
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Conversion Equipment

Ext Pkg Unit -
Heating/Cooling

100%	2026	* *	2	\$100	B
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Ventilation

Distribution

Ductwork/Diffusers

100%	LIFE	* *	2-5	\$900	B
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Exhaust Fans

Roof

100%	2026	* *	2	\$100	B
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Plumbing

H/C Water Piping

Brass/Copper

100%	2041	* *	1		B
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Water Heater

Gas Fired

100%	2019	\$400	2		B
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Sanitary Piping

Cast Iron

100%	LIFE	* *	1		B
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Storm Drain Piping

Cast Iron

100%	LIFE	* *	1		B
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Sump Pump(s)

Rigid Piping

100%	2026	* *	4	\$1,300	B
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Sewage Ejector(s)

Electric

100%	2026	* *	4	\$1,300	B
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Backflow Preventer

Generic

100%	2026	* *	1	\$100	B
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Fixtures

Generic

100%					B
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Fire Suppression

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF CULTURAL AFFAIRS - 126
STATEN ISLAND ZOOLOGICAL SOCIETY ZOO CAFE & GIFT SHOP

Asset # : 2799

Mechanical	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Fire Suppression Sprinkler								
Generic	100%			2041	* *	1-2	\$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.*

Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : STUDIO MUSEUM IN HARLEM
Address : 144 WEST 125TH STREET
Borough : MANHATTAN **Agency's Number** : N/A
Program / Asset # : DCA0036.000 / 3005 **Yr Built/Renovated** : 1909 / 2008
Area Sq Ft : 10,452 **Project Type** : CULTURAL AFFAIRS
Date of Survey : 23-Feb-2009 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1,2,3,4,5
Block : 1909 **Lot** : 9 **BIN** : 1057819

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$50,400	
Interior Architecture		\$60,700
Mechanical		\$65,500
Total	\$50,400	\$126,100
Priority A	\$50,400	
Priority B		\$65,500
Priority C		\$60,700
Total	\$50,400	\$126,100

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$24,600	\$9,300		
Interior Architecture	\$18,900	\$8,200	\$3,200	\$800
Electrical	\$6,100			\$100
Mechanical	\$9,800	\$2,200	\$3,900	\$3,900
Elevators/Escalators	\$14,800	\$14,800	\$14,800	\$14,800
Total	\$74,200	\$34,500	\$21,900	\$19,600
Priority A	\$24,600	\$9,300		
Priority B	\$32,600	\$17,000	\$21,900	\$18,800
Priority C	\$17,000	\$8,200		\$800
Total	\$74,200	\$34,500	\$21,900	\$19,600



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF CULTURAL AFFAIRS - 126
STUDIO MUSEUM IN HARLEM
Asset # : 3005

Architecture	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	**	5	\$9,100	A
Concrete Masonry Unit	5%			LIFE	**	5	\$700	A
Glass: Special Gauge	5%			LIFE	**	1		A
Masonry: Brick	65%	Now	\$50,400	LIFE	**	5	\$15,100	A
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : North Facade Throughout</i>								
<i>Paint Peeling, Extent : Moderate, Area Affected : 60%</i>								
<i>Location : North Facade Throughout</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Stair #5 Bulkhead</i>								
Window Wall	20%			2046	**	5	\$17,400	A
Windows								
Aluminum	100%			2036	**	5	\$1,200	A
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	**	5	\$2,600	A
Masonry: Brick	40%	Now	\$8,800	LIFE	**	5	\$1,300	A
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : North Facade</i>								
Metal Panel	20%			2030	**	5	\$2,600	A
Stucco Cement	30%			2025	**	5	\$2,600	A
Roof								
Modified Bitumen	60%	2-4	\$13,200	2020			\$32,900	A
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Ponding, Extent : Light, Area Affected : 5%</i>								
<i>Location : Roof at Bulkhead Door</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Plaza Roof: Stone Panels	30%			2046	**			A
Sloped Glazing	10%			LIFE	**	5	\$10,200	A
Interior								
Floors								
Carpet	10%			2016			\$7,500	C
Slate	10%			LIFE	**	5	\$1,400	C
Vinyl Tile	50%	Now	\$12,100	2020			\$60,700	C
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Corridors, 4th Floor</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Stairs, 2nd, 4th Floor Corridors And Elevator Lobbies</i>								
Wood	30%			2055	**	5	\$7,200	C

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF CULTURAL AFFAIRS - 126
STUDIO MUSEUM IN HARLEM
Asset # : 3005

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Interior								
Interior Walls								
Gypsum Board	70%	Now	\$1,200	LIFE	**	5	\$800	C
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 5%</i>								
<i>Location : Throughout Stair A</i>								
Gypsum Board	10%			LIFE	**	5	\$100	C
Plaster	10%			LIFE	**	5	\$100	C
Wood	10%			LIFE	**	5	\$800	C
Ceilings								
AcousTileConcealSpLn	20%	2-4	\$2,000	2025	**	5	\$1,600	B
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Second Floor Corridor</i>								
AcousTileSusp.Lay-In	50%			2037	**	5	\$6,400	B
Gypsum Board	30%			LIFE	**	5	\$4,800	B
Electrical								
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2046	**	5		B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : Main Service Protector Rated @ 1600 Amperes.</i>								
Switchgear / Switchboard								
Fused Disc Sw	80%			2020	\$15,800	5		B
Molded Case Bkrs	20%			2046	**	5		B
Raceway								
Conduit	80%			2020	\$17,200	1		B
Conduit	20%			2046	**	1		B
Panelboards								
Fused Disc Sw	20%			2028	**	5		B
Fused Disc Sw	10%			2042	**	5		B
Molded Case Bkrs	60%			2028	**	5	\$100	B
Molded Case Bkrs	10%			2042	**	5		B
Wiring								
Thermoplastic	80%			2030	**	1		B
Thermoplastic	20%			2046	**	1		B
Motor Controllers								
Locally Mounted	80%			2025	**	5		B
Locally Mounted	20%			2037	**	5		B
Ground								
Grounding Devices								
Generic	100%	2-4	\$900	LIFE	**	5	\$100	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : Corroded</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF CULTURAL AFFAIRS - 126
STUDIO MUSEUM IN HARLEM
Asset # : 3005

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Lighting								
Interior Lighting Fluorescent	65%			2025	**	10	\$5,100	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : T12,T8 And Cfl</i>								
HID	5%			2025	**	10		B
Incandescent	30%			2025	**	2	\$100	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Lobby And Throughout The Building</i>								
<i>Explanation : Locally Mounted Recessed And Surface Mounted Track Lighting</i>								
Egress Lighting								
Emergency, Service	30%			2025	**	1		B
Exit, Service	70%			2025	**	1		B

Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source Electricity	100%			2040	**	1		B
Conversion Equipment								
Heat Pump	30%			2024	\$18,100	2	\$800	B
Radiant Heater	70%			2020	\$29,900	2	\$2,800	B
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$4,800	B
Terminal Devices								
Air Handler	70%			2020	\$36,600	1	\$3,700	B
Air Handler	30%			2028	**	1	\$1,600	B
Air Conditioning								
Energy Source Electricity	100%			2036	**	1		B
Conversion Equipment								
Heat Pump	30%			2024	\$100	2	\$200	B
Reciprocating Compr/Chiller	70%	Now	\$4,600	2020	\$23,000	1	\$2,500	B
<i>Noisy/Vibrating, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Basement A C Room</i>								
Distribution								
Chilled Wtr Pipe/Pump	100%			2030	**	4	\$400	B
Terminal Devices								
Air Handler/Cool/Ht	30%			2028	**	1	\$1,600	B
Air Handler/Cool/Ht	70%			2020	\$28,800	1	\$3,700	B
Heat Rejection								
Air Condenser Unit	100%			2025	**	2	\$6,000	B
Ventilation								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF CULTURAL AFFAIRS - 126
STUDIO MUSEUM IN HARLEM
Asset # : 3005

Mechanical	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$4,800	B
Exhaust Fans								
Interior	100%			2020	\$10,700	2	\$300	B
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%	0-2	\$2,900	2025	* *	1		B
<i>Corroded, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Basement</i>								
<i>Not Insulated, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Basement</i>								
Water Heater								
Electric	100%			2018	\$1,500	4	\$100	B
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		B
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		B
Backflow Preventer								
Generic	100%			2025	* *	1	\$500	B
Fixtures								
Generic	100%							B
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			C
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : (2) B-5 (1) I-5</i>								
<i>Explanation : 3 Units. 2 Passenger, 1 Freight</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : WAVE HILL ECOLOGY BUILDING
Address : 675 WEST 252 STREET
Borough : BRONX **Agency's Number** : N/A
Program / Asset # : DCA0022.040 / 2367 **Yr Built/Renovated** : 1909 / 2010
Area Sq Ft : 9,730 **Project Type** : CULTURAL AFFAIRS
Date of Survey : 11-Mar-2010 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1
Block : 5937 **Lot** : 440 **BIN** : 2101020

CAPITAL		FY 2015 - 2018	FY 2019 - 2024
Exterior Architecture		\$49,500	
Electrical		\$41,700	
Total		\$91,200	
Priority A		\$49,500	
Priority B		\$41,700	
Total		\$91,200	

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$3,400	\$7,200		
Interior Architecture		\$6,200	\$400	
Electrical	\$100	\$6,800		
Mechanical	\$900	\$800	\$1,200	\$800
Total	\$4,300	\$20,900	\$1,500	\$800
Priority A	\$3,400	\$7,200		
Priority B	\$1,000	\$7,600	\$1,200	\$800
Priority C		\$6,200	\$400	
Total	\$4,300	\$20,900	\$1,500	\$800



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
 Estimates are rounded to the nearest hundred dollars.
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
 ** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF CULTURAL AFFAIRS - 126
WAVE HILL ECOLOGY BUILDING
Asset # : 2367

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Fieldstone	80%	Now	\$49,500	LIFE	**	5	\$7,500	A
<i>Diagonal Cracks, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : At Lintels</i>								
<i>Open Joints, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Various</i>								
Masonry: Granite	15%			LIFE	**	5	\$1,400	A
Metal Coiling Doors	5%			2026	**	5	\$1,900	A
Windows								
Wood	100%	Now	\$3,400	2029	**	5	\$5,400	A
<i>Dry Rot/Decay, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : South Facing</i>								
<i>Paint Peeling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : South Facing</i>								
Parapets								
Masonry: Granite	100%			LIFE	**	5	\$2,400	A
Roof								
Copper/Terne	10%			2036	**	10	\$6,200	A
Plaza Roof: Stone Panels	15%			2031	**			A
No Component	75%							D
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location :</i>								
<i>Explanation : Bermed Building - Roof Is A Lawn</i>								
Interior								
Floors								
Cast in Place Concrete	25%			LIFE	**	5	\$7,200	C
Ceramic Tile	3%			2024	\$8,700	5	\$400	C
Vinyl Tile	22%			2026	**	3	\$1,100	C
Wood	50%			2036	**	5	\$12,400	C
Interior Walls								
Cast in Place Concrete	10%			LIFE	**			C
Gypsum Board	10%			LIFE	**	5	\$500	C
Masonry: Fieldstone	10%			LIFE	**			C
Plaster	45%			LIFE	**	5	\$1,200	C
Wood	25%			LIFE	**	5	\$9,000	C
Ceilings								
Gypsum Board	10%			LIFE	**	5	\$1,700	B
Plaster	90%			LIFE	**	5	\$7,400	B
Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Raceway								
Conduit	100%			2031	**	1		B

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF CULTURAL AFFAIRS - 126
WAVE HILL ECOLOGY BUILDING
Asset # : 2367

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Panelboards								
Molded Case Bkrs	100%			2020	\$11,200	5	\$200	B
Wiring								
Thermoplastic	100%			2031	* *	1		B
Motor Controllers								
Locally Mounted	100%			2019	\$5,200	5	\$100	B
Lighting								
Interior Lighting								
Fluorescent	80%			2016	\$41,700	10	\$6,500	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : T-12 Lamps</i>								
Incandescent	20%			2021	\$10,400	2		B
Egress Lighting								
Exit, Service	50%			2026	* *	1		B
Exit, Battery	50%			2026	* *	10	\$300	B
Exterior Lighting								
HID	100%			2021	\$3,300	10		B

Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Natural Gas	100%			2041	* *	1		B
Conversion Equipment								
Hot Water Boiler	100%			2026	* *	1	\$4,400	B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement Boiler Room</i>								
<i>Explanation : 1 Unit</i>								
Distribution								
Hot Wtr Piping/Pump	100%			2037	* *	4	\$400	B
Terminal Devices								
Convactor/Radiator	50%			2026	* *	1	\$1,400	B
Fan Coil Unit/Heat	30%			2029	* *	1	\$900	B
Unit Heater-Stm/HW	20%			2029	* *	4	\$200	B
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2031	* *	1		B
Water Heater								
Gas Fired	100%			2020	\$2,300	2	\$100	B
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		B
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		B

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF CULTURAL AFFAIRS - 126
WAVE HILL ECOLOGY BUILDING
Asset # : 2367

Mechanical	Current Repair		Future Replacement		Maintenance		Priority Code	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Plumbing								
Fixtures								
Generic	100%							B
Fire Suppression								
Sprinkler								
No Component	40%							D
Generic	60%			2051	**	1-2	\$1,500	B
			<i>Recent Installation, Extent : Light, Area Affected : 60%</i>					
			<i>Location : Throughout</i>					

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : WAVE HILL GLYNDOR HOUSE GALLERIES
Address : 675 WEST 252 STREET
Borough : BRONX **Agency's Number** : N/A
Program / Asset # : DCA0022.020 / 2389 **Yr Built/Renovated** : 1927 /
Area Sq Ft : 11,946 **Project Type** : CULTURAL AFFAIRS
Date of Survey : 11-Mar-2010 **Landmark Status** : EXTERIOR LANDMARK
Areas Surveyed : Basement, Roof, Floors 1,2
Block : 5937 **Lot** : 440 **BIN** : 2101020

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Exterior Architecture		\$24,400
Mechanical		\$50,900
Total		\$75,300
Priority A		\$24,400
Priority B		\$50,900
Total		\$75,300

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$39,600	\$23,700		
Interior Architecture	\$28,200	\$8,300	\$1,100	
Electrical	\$8,800	\$200		
Mechanical	\$1,000	\$14,600	\$1,500	\$1,000
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$81,500	\$50,700	\$6,600	\$5,000
Priority A	\$39,600	\$23,700		
Priority B	\$19,100	\$18,700	\$5,500	\$5,000
Priority C	\$22,800	\$8,300	\$1,100	
Total	\$81,500	\$50,700	\$6,600	\$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.

DEPARTMENT OF CULTURAL AFFAIRS - 126
WAVE HILL GLYNDOR HOUSE GALLERIES
Asset # : 2389

Architecture	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	95%			LIFE	**	5	\$17,900	A
	<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 15%</i>							
	<i>Location : Throughout</i>							
Wood	5%			2026	**	5	\$4,700	A
Windows								
Wood	75%			2029	**	5	\$21,700	A
Wood	25%	Now	\$500	2020	\$24,400	5	\$3,600	A
	<i>Water Penetration, Extent : Moderate, Area Affected : 5%</i>							
	<i>Location : Second Floor North</i>							
Parapets								
Wood Cornice	100%			2031	**	5-10	\$48,600	A
Roof								
Panel/Paver: Cer/Brk	25%	Now	\$7,700	2031	**			A
	<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 15%</i>							
	<i>Location : Area Over Basement</i>							
	<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>							
	<i>Location : Area Over Basement</i>							
Skylight, Metal/Glass	5%			2041	**	10	\$1,800	A
Slate	70%	Now	\$31,400	LIFE	**			A
	<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 15%</i>							
	<i>Location : Throughout</i>							
	<i>Miss/Damaged Flashings, Extent : Moderate, Area Affected : 15%</i>							
	<i>Location : Throughout</i>							
Interior								
Floors								
Cast in Place Concrete	25%			LIFE	**	5	\$8,800	C
Ceramic Tile	5%			2030	**	5	\$800	C
Panel/Paver: Cer/Brk	5%			2037	**	5	\$1,800	C
Vinyl Tile	10%			2026	**	3	\$600	C
Wood	55%			2036	**	5	\$16,600	C
Interior Walls								
Masonry: Brick	20%	Now	\$22,400	LIFE	**			C
	<i>Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 20%</i>							
	<i>Location : Basement</i>							
	<i>Spalling, Extent : Severe, Area Affected : 20%</i>							
	<i>Location : Boiler Room</i>							
Plaster	80%			LIFE	**	5	\$3,700	C
Ceilings								
Plaster	10%			LIFE	**	5	\$1,000	B
Plaster	90%	Now	\$5,400	LIFE	**	5	\$9,000	B
	<i>Water Penetration, Extent : Moderate, Area Affected : 5%</i>							
	<i>Location : Second Floor Northeast Offices</i>							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF CULTURAL AFFAIRS - 126
WAVE HILL GLYNDOR HOUSE GALLERIES
Asset # : 2389

Electrical	Current Repair			Future Replacement		Maintenance		Priority Code
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%			2031	**	5		B
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Basement Mechanical Room</i>							
	<i>Explanation : Service Size 400 Amps</i>							
<hr/>								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2021	\$32,100	5	\$300	B
<hr/>								
Raceway								
Conduit	90%			2021	\$9,200	1		B
Conduit	10%			2047	**	1		B
<hr/>								
Panelboards								
Fused Disc Sw	5%			2020	\$1,200	5		B
Molded Case Bkrs	85%			2020	\$20,600	5	\$200	B
Molded Case Bkrs	10%			2043	**	5		B
<hr/>								
Wiring								
Braided Cloth	90%	2-4	\$8,600	2046	**	1		B
	<i>Insulation Aged, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
Thermoplastic	10%			2047	**	1		B
<hr/>								
Motor Controllers								
Locally Mounted	100%			2019	\$11,200	5	\$100	B
<hr/>								
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$100	B
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Water Main</i>							
	<i>Explanation : Connected With Main Water Pipe</i>							
<hr/>								
Lighting								
Interior Lighting								
Fluorescent	45%			2021	\$30,900	10	\$4,400	B
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : T-12 Lamps</i>							
HID	10%			2021	\$4,800	10		B
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Interior</i>							
	<i>Explanation : Metal Halide</i>							
Incandescent	45%			2021	\$30,900	2	\$100	B
<hr/>								
Egress Lighting								
Exit, Service	50%			2021	\$1,000	1		B
Exit, Battery	50%			2021	\$4,800	10	\$400	B
<hr/>								
Exterior Lighting								
HID	100%			2021	\$4,400	10		B

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF CULTURAL AFFAIRS - 126
WAVE HILL GLYNDOR HOUSE GALLERIES
Asset # : 2389

Mechanical	Current Repair		Future Replacement		Maintenance		Priority Code	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)		Estimated Cost
Heating								
Energy Source								
Natural Gas	100%			2041	**	1		B
Conversion Equipment								
Hot Water Boiler	100%			2026	**	1	\$5,300	B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement Boiler Room</i>								
<i>Explanation : 1 Boiler Unit Being Used, Plus 1 Supplimentary Wood Burning Unit</i>								
Distribution								
Hot Wtr Piping/Pump	100%			2029	**	4	\$500	B
Terminal Devices								
Air Handler	30%			2026	**	1	\$2,000	B
Convactor/Radiator	70%			2026	**	1	\$2,400	B
Air Conditioning								
Energy Source								
Electricity	100%			2037	**	1		B
Conversion Equipment								
Int Pkg Unit - Cooling	30%			2022	\$50,900	2	\$200	B
Window/Wall Unit	50%			2016	\$13,500	1		B
No Component	20%							D
Ventilation								
Distribution								
Ductwork/Diffusers	30%			LIFE	**	2-5	\$1,800	B
No Component	70%							D
Exhaust Fans								
Interior	30%			2026	**	2	\$100	B
No Component	70%							D
Plumbing								
H/C Water Piping								
Brass/Copper	50%			2041	**	1		B
Galv Iron/Steel	50%			2026	**	1		B
Water Heater								
Gas Fired	100%			2019	\$3,100	2	\$200	B
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		B
Storm Drain Piping								
Cast Iron	100%			LIFE	**	1		B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Around The Roof</i>								
<i>Explanation : Gutters</i>								
Fixtures								
Generic	100%							B
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	**			C
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : C, L, 1, 2</i>								
<i>Explanation : 1 Unit</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : WAVE HILL PERKINS VISITOR CENTER
Address : 675 WEST 252 STREET
Borough : BRONX **Agency's Number** : N/A
Program / Asset # : DCA0022.030 / 2238 **Yr Built/Renovated** : 1928 / 2004
Area Sq Ft : 7,230 **Project Type** : CULTURAL AFFAIRS
Date of Survey : 11-Mar-2010 **Landmark Status** : NONE
Areas Surveyed : Roof, Floors 1
Block : 5937 **Lot** : 440 **BIN** : 2101020

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Interior Architecture		\$59,000
Total		\$59,000
Priority B		\$59,000
Total		\$59,000

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$6,000	\$2,000	\$14,200	\$19,700
Interior Architecture				
Electrical	\$1,000	\$2,800	\$1,200	\$1,000
Mechanical	\$1,700	\$700	\$1,900	\$700
Total	\$8,600	\$5,500	\$17,300	\$21,500
Priority A	\$6,000	\$2,000	\$14,200	\$19,700
Priority B	\$2,600	\$3,500	\$3,100	\$1,800
Priority C				
Total	\$8,600	\$5,500	\$17,300	\$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.

DEPARTMENT OF CULTURAL AFFAIRS - 126
WAVE HILL PERKINS VISITOR CENTER
Asset # : 2238

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	50%	0-2	\$5,200	LIFE	**	5	\$7,800	A
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Various Areas</i>								
<i>Loose Units, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Various Areas</i>								
<i>Spalling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Masonry: Fieldstone	25%			LIFE	**	5	\$2,900	A
Wood	25%			2038	**	5	\$19,600	A
Windows								
Wood	100%			2043	**	5	\$19,800	A
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	**	5	\$2,300	A
Copper/Terne	5%			2065	**	5	\$1,500	A
Masonry: Brick	10%			LIFE	**	5	\$600	A
Wood Cornice	20%			2047	**	5-10	\$15,800	A
No Component	60%							D
Roof								
Copper/Terne	5%			2056	**	10	\$2,000	A
Skylight, Metal/Glass	10%			2047	**	10	\$5,300	A
Slate	85%			LIFE	**			A
Interior								
Floors								
Cast in Place Concrete	20%			LIFE	**	5	\$3,700	C
Slate	80%			LIFE	**	5	\$7,200	C
Interior Walls								
Ceramic Tile	10%			2034	**	5	\$100	C
Gypsum Board	20%			LIFE	**	5	\$200	C
Masonry: Brick	40%			LIFE	**			C
Wood	30%			LIFE	**	5	\$1,500	C
Ceilings								
Exposed Struc: Wood	15%			LIFE	**			B
Gypsum Board	5%			LIFE	**	5	\$500	B
Wood	80%			LIFE	**	5	\$59,000	B

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
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%			2047	**	5	\$200	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : Service Size 600 Amps</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF CULTURAL AFFAIRS - 126
WAVE HILL PERKINS VISITOR CENTER
Asset # : 2238

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2047	**	5	\$200	B
Raceway								
Conduit	100%			2047	**	1		B
Panelboards								
Molded Case Bkrs	100%			2043	**	5	\$200	B
Wiring								
Thermoplastic	100%			2047	**	1		B
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$100	B
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Water Main</i>						
		<i>Explanation : Connected With Main Water Pipe</i>						
Stand-by Power								
Transfer Switches								
Automatic	100%			2038	**	1	\$1,800	B
Generators								
Natural Gas	100%			2034	**	1	\$2,300	B
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Backyard</i>						
		<i>Explanation : Not Accessible</i>						
Batteries								
Nickel Cadmium	100%			2016	\$600	5	\$1,300	B
Lighting								
Interior Lighting								
Fluorescent	50%			2029	**	10	\$2,600	B
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Lamp T-8</i>						
Incandescent	50%			2029	**	2	\$100	B
Egress Lighting								
Emergency, Service	50%			2029	**	1		B
Exit, Service	50%			2029	**	1		B
Exterior Lighting								
Fluorescent	100%			2026	**	10	\$500	B
Alarm								
Security System								
Generic	100%			2029	**	1	\$2,200	B
Fire/Smoke Detection								
Generic	100%			2029	**	1-3	\$3,700	B

Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	

Heating

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DEPARTMENT OF CULTURAL AFFAIRS - 126
WAVE HILL PERKINS VISITOR CENTER
Asset # : 2238

Mechanical	Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	
Heating							
Energy Source							
Natural Gas	100%			2047	**	1	
Conversion Equipment							
Hot Water Boiler	100%			2034	**	1	\$2,800
<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
<i>Location : 1st Floor Boiler Room</i>							
<i>Explanation : 1 Unit</i>							
Distribution							
Hot Wtr Piping/Pump	100%			2043	**	4	\$400
Terminal Devices							
Air Handler	80%			2029	**	1	\$2,800
Convactor/Radiator	20%			2038	**	1	\$400
Air Conditioning							
Energy Source							
Electricity	100%			2043	**	1	
Conversion Equipment							
Int Pkg Unit - Heating/Cooling	80%			2025	**	2	\$300
No Component	20%						
Heat Rejection							
Air Condenser Unit	80%			2029	**	2	\$3,100
No Component	20%						
Ventilation							
Distribution							
Ductwork/Diffusers	80%			LIFE	**	2-5	\$2,500
No Component	20%						
Exhaust Fans							
Interior	80%			2029	**	2	\$100
No Component	20%						
Plumbing							
H/C Water Piping							
Brass/Copper	100%			2047	**	1	
Water Heater							
Gas Fired	100%			2020	\$1,500	2	\$100
Sanitary Piping							
Cast Iron	100%			LIFE	**	1	
Storm Drain Piping							
Cast Iron	100%			LIFE	**	1	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
<i>Location : Around The Roof</i>							
<i>Explanation : Gutters</i>							
Fixtures							
Generic	100%						
Fire Suppression							
Sprinkler							
Generic	100%			2047	**	1-2	\$1,600

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Print Date : 05-Sep-2013

DEPARTMENT OF CULTURAL AFFAIRS - FY 2014

Asset Name : WAVE HILL WAVE HILL HOUSE GALLERY & CAFE
Address : 675 WEST 252 STREET
Borough : BRONX **Agency's Number** : N/A
Program / Asset # : DCA0022.010 / 2388 **Yr Built/Renovated** : 1843 / 1890
Area Sq Ft : 21,234 **Project Type** : CULTURAL AFFAIRS
Date of Survey : 11-Mar-2010 **Landmark Status** : EXTERIOR LANDMARK
Areas Surveyed : Basement, Roof, Floors 1,2,3
Block : 5937 **Lot** : 440 **BIN** : 2101020

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$94,200	\$95,300
Electrical	\$51,700	\$88,300
Mechanical	\$49,600	
Total	\$195,500	\$183,600
Priority A	\$94,200	\$95,300
Priority B	\$101,300	\$88,300
Total	\$195,500	\$183,600

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$56,300	\$6,100	\$700	
Interior Architecture	\$10,200		\$1,300	\$200
Electrical	\$800	\$8,300	\$700	\$700
Mechanical	\$9,400	\$24,900	\$3,700	\$2,200
Total	\$76,700	\$39,300	\$6,400	\$3,100
Priority A	\$56,300	\$6,100	\$700	
Priority B	\$14,700	\$33,200	\$4,400	\$3,000
Priority C	\$5,700		\$1,300	\$200
Total	\$76,700	\$39,300	\$6,400	\$3,100



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DEPARTMENT OF CULTURAL AFFAIRS - 126
WAVE HILL WAVE HILL HOUSE GALLERY & CAFE

Asset # : 2388

Architecture	Current Repair			Future Replacement		Maintenance		Priority Code		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost			
Exterior										
Exterior Walls										
Masonry: Fieldstone	85%			LIFE	**	5	\$15,400	A		
Masonry: Granite	5%	Now	\$17,600	LIFE	**	5	\$900	A		
	<i>Vertical Cracks, Extent : Moderate, Area Affected : 5%</i>									
	<i>Location : Lintel Over Door On West Side</i>									
Wood	10%			2026	**	5	\$12,100	A		
	<i>Split/Cracked, Extent : Light, Area Affected : 5%</i>									
	<i>Location : At Columns</i>									
Windows										
Aluminum	25%			2037	**	5	\$1,400	A		
Wood	75%	Now	\$14,000	2029	**	5	\$20,800	A		
	<i>Dry Rot/Decay, Extent : Moderate, Area Affected : 10%</i>									
	<i>Location : Windows Facing Flat Roof On South Side</i>									
	<i>Thermally Inefficient, Extent : Light, Area Affected : 100%</i>									
	<i>Location : Throughout</i>									
Parapets										
Wood Cornice	100%	2-4	\$15,200	2031	**	5	\$27,800	A		
	<i>Deteriorated Finish, Extent : Moderate, Area Affected : 10%</i>									
	<i>Location : Cornice</i>									
Roof										
Modified Bitumen	35%	Now	\$9,500	2021			\$95,300	A		
	<i>Seams Open/Split, Extent : Moderate, Area Affected : 25%</i>									
	<i>Location : Over Second Floor</i>									
	<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>									
	<i>Location : Over Second Floor</i>									
Slate	65%	Now	\$94,200	LIFE	**			A		
	<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 15%</i>									
	<i>Location : Throughout</i>									
	<i>Water Penetration, Extent : Moderate, Area Affected : 15%</i>									
	<i>Location : Over Third Floor</i>									
Interior										
Floors										
Carpet	10%			2020			\$17,100	3	\$4,000	C
Cast in Place Concrete	15%			LIFE	**	5	\$8,800			C
	<i>Uneven Surface, Extent : Moderate, Area Affected : 10%</i>									
	<i>Location : Basement</i>									
Ceramic Tile	5%			2030	**	5	\$1,300			C
Panel/Paver: Bluestone	15%			LIFE	**	5	\$3,000			C
Quarry Tile	10%			2034	**	5	\$4,000			C
Vinyl Tile	5%	Now	\$1,400	2026	**	3	\$500			C
	<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>									
	<i>Location : Basement</i>									
	<i>Uneven Surface, Extent : Moderate, Area Affected : 20%</i>									
	<i>Location : Basement</i>									
Wood	40%			2049	**	5	\$20,200			C

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DEPARTMENT OF CULTURAL AFFAIRS - 126
WAVE HILL WAVE HILL HOUSE GALLERY & CAFE

Asset # : 2388

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
Interior Walls								
Cast in Place Concrete	5%	Now	\$1,100	LIFE	**			C
<i>Water Penetration, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Boiler Room</i>								
Ceramic Tile	5%			2030	**	5	\$800	C
Gypsum Board	15%	0-2	\$2,200	LIFE	**	5	\$1,400	C
<i>Water Penetration, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Learning Center</i>								
Plaster	10%			LIFE	**	5	\$500	C
Plaster	60%			LIFE	**	5	\$2,700	C
Wood	5%			LIFE	**	5	\$3,000	C
Ceilings								
Exposed Concrete	15%			LIFE	**	5	\$600	B
Exposed Struc: Wood	25%			LIFE	**			B
Plaster	15%			LIFE	**	5	\$2,500	B
Plaster	45%	Now	\$4,500	LIFE	**	5	\$7,600	B
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Laundry Room</i>								
<i>Loose/Delam Surface, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Cafe</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Third Floor</i>								

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
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%			2021	\$3,300	5	\$100	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement Mechanical Room</i>								
<i>Explanation : Service Size 400 Amps</i>								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2021	\$48,100	5	\$500	B
Raceway								
Conduit	90%			2021	\$23,500	1		B
Conduit	10%			2047	**	1		B
Panelboards								
Fused Disc Sw	10%			2020	\$2,400	5		B
Molded Case Bkrs	50%			2020	\$12,100	5	\$200	B
Molded Case Bkrs	40%			2043	**	5	\$200	B
Wiring								
Thermoplastic	90%			2021	\$25,300	1		B
Thermoplastic	10%			2047	**	1		B
Motor Controllers								
Locally Mounted	100%			2019	\$16,700	5	\$100	B

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**DEPARTMENT OF CULTURAL AFFAIRS - 126
WAVE HILL WAVE HILL HOUSE GALLERY & CAFE**

Asset # : 2388

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$300	B
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Basement & Water Main</i>						
		<i>Explanation : Main Water Pipe</i>						
Lighting								
Interior Lighting								
Fluorescent	45%			2016	\$51,700	10	\$7,400	B
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : T-12 Lamps</i>						
HID	20%			2021	\$16,200	10	\$100	B
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Interior</i>						
		<i>Explanation : Metal Halide</i>						
Incandescent	35%			2021	\$40,200	2	\$100	B
Egress Lighting								
Emergency, Service	50%			2021	\$1,600	1		B
Exit, Service	50%			2021	\$1,600	1		B
Exterior Lighting								
Fluorescent	100%			2021	\$11,100	10	\$1,600	B
Alarm								
Security System								
Generic	100%			2026	**	1	\$6,500	B

Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Natural Gas	100%			2041	**	1		B
Conversion Equipment								
Hot Water Boiler	100%	Now	\$49,600	2041	**	1	\$8,000	B
		<i>Not Energy Efficient, Extent : Severe, Area Affected : 100%</i>						
		<i>Location : Basement Boiler Room</i>						
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Basement Boiler Room & Throughout</i>						
		<i>Explanation : 1 Unit. According To The Staff, Hvac System Replacement Project Is Scheduled To Start In Nov. 2010</i>						
Distribution								
Hot Wtr Piping/Pump	100%			2029	**	4	\$900	B
Terminal Devices								
Air Handler	25%			2021	\$29,700	1	\$2,800	B
Convactor/Radiator	75%			2026	**	1	\$4,400	B
Air Conditioning								

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DEPARTMENT OF CULTURAL AFFAIRS - 126
WAVE HILL WAVE HILL HOUSE GALLERY & CAFE

Asset # : 2388

Mechanical System Component Type	Current Repair		Future Replacement		Maintenance		Priority Code
	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	
Air Conditioning							
Energy Source							
Electricity	100%			2029	* *	1	B
Conversion Equipment							
Reciprocating Compr/Chiller	25%			2021	\$18,700	1	\$2,100 B
Window/Wall Unit	50%			2016	\$22,700	1	B
No Component	25%						D
Terminal Devices							
Air Handler/Cool/Ht	25%			2021	\$17,600	1	\$2,800 B
No Component	75%						D
Heat Rejection							
Air Condenser Unit	25%			2021	\$8,300	2	\$3,100 B
No Component	75%						D
Ventilation							
Distribution							
Ductwork/Diffusers	25%			LIFE	* *	2-5	\$2,500 B
No Component	75%						D
Exhaust Fans							
Interior	25%			2021	\$6,100	2	\$100 B
No Component	75%						D
Plumbing							
H/C Water Piping							
Galv Iron/Steel	100%			2026	* *	1	B
Water Heater							
Gas Fired	100%			2020	\$5,100	2	\$300 B
Sanitary Piping							
Cast Iron	100%			LIFE	* *	1	B
Storm Drain Piping							
Cast Iron	100%			LIFE	* *	1	B
				<i>Other Observation, Extent : Light, Area Affected : 100%</i>			
				<i>Location : Around The Roof</i>			
				<i>Explanation : Gutters</i>			
Sump Pump(s)							
Submersible	100%			2015	\$6,700	4	\$2,000 B
Fixtures							
Generic	100%						B
Fire Suppression							
Sprinkler							
No Component	80%						D
Generic	20%			2031	* *	1-2	\$1,000 B

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DEPARTMENT OF CULTURAL AFFAIRS - 126

Project : CULTURAL AFFAIRS

CAPITAL	FY 2015 - 2018		FY 2019 - 2024	
Miscellaneous Buildings	1,209,500		859,400	
EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Miscellaneous Buildings	546,400	112,600	107,200	126,700

ASSET #	NAME	SQFT	CAPITAL	EXPENSE
1578	HISTORIC RICHMOND TOWN TINSMITH SHOP	724	0	10,600
1579	HISTORIC RICHMOND TOWN STORAGE BLDG/CARRIAGE HOUSE	2,400	47,000	5,900
1580	HISTORIC RICHMOND TOWN STORAGE SHED	2,400	47,000	5,900
1581	HISTORIC RICHMOND TOWN CROCHERON HOUSE	4,557	89,200	11,200
1593	HISTORIC RICHMOND TOWN OLD NEW DROP RAILROAD STATION	1,082	0	15,800
1594	HISTORIC RICHMOND TOWN ANNADALE STORE/RAILROAD STATION	533	0	7,800
1596	HISTORIC RICHMOND TOWN BOEHM HOUSE	2,931	57,400	7,200
1597	HISTORIC RICHMOND TOWN CHRISTOPHER HOUSE	880	0	12,900
1599	HISTORIC RICHMOND TOWN BRITTON COTTAGE	4,561	89,300	11,200
1600	HISTORIC RICHMOND TOWN KRUSER - FINLEY HOUSE	1,809	22,300	17,500
1601	HISTORIC RICHMOND TOWN STORAGE	720	0	10,500
1602	HISTORIC RICHMOND TOWN BASKET MAKERS HOUSE	1,098	0	16,100
1603	HISTORIC RICHMOND TOWN BENNETT HOUSE	2,839	55,600	6,900
1604	HISTORIC RICHMOND TOWN CARPENTER SHOP	302	0	4,400
2151	BRONX ZOO STORAGE SHED-#15	280	0	4,100
2152	BRONX ZOO SKYRIDE STORAGE BUILDING-#16	3,421	67,000	8,400
2163	BRONX ZOO SAFARI ICE CREAM STAND	624	0	9,100
2165	STATEN ISLAND ZOOLOGICAL SOCIETY ENCLOSURE AT CHILDRENS ZOO	240	0	3,500
2166	STATEN ISLAND ZOOLOGICAL SOCIETY BARN	325	0	4,800
2167	STATEN ISLAND ZOOLOGICAL SOCIETY COVERED BRIDGE	800	0	11,700
2168	STATEN ISLAND ZOOLOGICAL SOCIETY PONY BARN	748	0	10,900
2169	BRONX ZOO FLAMINGO PUB RESTAURANT-#8	3,075	60,200	7,500
2170	BRONX ZOO BIRDS OF PREY-#9	5,000	97,900	12,200
2171	BRONX ZOO BEEBE'S LAB-#10	2,070	40,500	5,100
2172	BRONX ZOO BOSTON RD. ENTRANCE BUILDING	255	0	3,700
2173	BRONX ZOO AFRICAN HIGHLANDS BABOON HOLDING	1,800	22,200	17,500
2174	BRONX ZOO ANIMAL BARN-#13	1,440	17,800	14,000
2175	BRONX ZOO EXISTING ANIMAL HOSPITAL	3,300	64,600	8,100
2176	BRONX ZOO SKY FARI-WEST TERMINAL-#17	2,110	41,300	5,200
2178	BRONX ZOO AMPHITHEATER-#25	1,350	16,600	13,100
2179	BRONX ZOO DESERT HOUSE CANOPY-#26	1,250	15,400	12,100

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DEPARTMENT OF CULTURAL AFFAIRS - 126

ASSET #	NAME	SQFT	CAPITAL	EXPENSE
2180	BRONX ZOO CHILDREN'S ZOO NURSERY-#27	624	0	9,100
2181	BRONX ZOO CHILDREN'S ZOO COMFORT STA.-#28	320	0	4,700
2182	BRONX ZOO SAFARI SNACK BAR	600	0	8,800
2183	BRONX ZOO JUNGLE STAND	140	0	2,000
2184	BRONX ZOO COMFORT STATION	1,000	0	14,600
2185	BRONX ZOO SOUVENIR BUILDING	4,250	83,200	10,400
2190	BRONX ZOO GARAGE	400	0	5,900
2191	BRONX ZOO BIRD CAGES	1,200	0	17,600
2193	BRONX ZOO OSTRICH STORAGE SHED	375	0	5,500
2194	BRONX ZOO EXHIBIT BARN	1,575	19,400	15,300
2195	BRONX ZOO WD STORAGE	225	0	3,300
2196	BRONX ZOO WD STORAGE	255	0	3,700
2197	BRONX ZOO LION BUILDING	1,548	19,100	15,000
2198	BRONX ZOO AFRICAN PLAINS STAND	272	0	4,000
2199	BRONX ZOO AFRICAN REFRESHMENT STAND	120	0	1,800
2200	BRONX ZOO COMFORT STATION	1,000	0	14,600
2201	BRONX ZOO EXHIBIT BARN	2,500	49,000	6,100
2202	BRONX ZOO BLACK SMITH SHOP	4,050	79,300	9,900
2203	BRONX ZOO REFRESHMENT STAND	160	0	2,300
2204	BRONX ZOO CRANES & TAKINS BUILDING	450	0	6,600
2205	BRONX ZOO POLAR BEAR CAGES	850	0	12,400
2206	BRONX ZOO SKYFARI EAST TERM	1,920	23,700	18,600
2207	BRONX ZOO REFRESHMENT STAND	160	0	2,300
2208	BRONX ZOO AFRICAN THEATRE	300	0	4,400
2209	BRONX ZOO REFRESHMENT STAND	320	0	4,700
2210	BRONX ZOO SOUVENIR STAND	160	0	2,300
2211	BRONX ZOO SOUVENIR STORE	336	0	4,900
2212	BRONX ZOO AFRICAN COMFORT STATION	1,680	20,700	16,300
2213	BRONX ZOO BENGALI EXPRESS	4,800	94,000	11,700
2214	BRONX ZOO PROPAGATION BUILDING	1,800	22,200	17,500
2215	BRONX ZOO BARN	1,000	0	14,600
2216	BRONX ZOO ANIMAL INCINERATOR	1,400	17,300	13,600
2217	BRONX ZOO COMFORT & STORAGE BUILDING	784	0	11,500
2218	NY AQUARIUM GIFT SHOP	828	0	12,100
2219	NY AQUARIUM TRIANG	863	0	12,600
2220	NY AQUARIUM REFRESHMENTS	576	0	8,400
2221	NY AQUARIUM ART BUILDING	372	0	5,400
2222	NY AQUARIUM RESTROOM	1,256	15,500	12,200
2223	NY AQUARIUM SHARK BUILDING	1,925	23,700	18,700
2224	NY AQUARIUM EXHIBIT	5,100	99,900	12,500
2225	NY AQUARIUM VAULT	653	0	9,600
2226	NY AQUARIUM FOOD PREP	515	0	7,500
2228	NEW YORK BOTANICAL GARDEN COTTAGE	2,608	51,100	6,400
2229	BRONX ZOO PENGUIN BUILDING	1,170	0	17,100

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DEPARTMENT OF CULTURAL AFFAIRS - 126

ASSET #	NAME	SQFT	CAPITAL	EXPENSE
2230	BRONX ZOO GREENHOUSE	5,860	114,700	14,300
2239	WAVE HILL THE FLOWER GARDEN GREENHOUSE	1,990	24,500	19,300
2240	WAVE HILL GREENHOUSE	700	0	10,200
2241	SNUG HARBOR CULT CNTR & BOTN GDN BLDG J	225	0	3,300
2244	BRONX ZOO ANIMAL HOLDING SHED	192	0	2,800
2248	SNUG HARBOR CULT CNTR & BOTN GDN BLDG Q	1,870	23,100	18,100
2249	SNUG HARBOR CULT CNTR & BOTN GDN BLDG U	400	0	5,900
2250	SNUG HARBOR CULT CNTR & BOTN GDN BLDG V	592	0	8,700
2251	SNUG HARBOR CULT CNTR & BOTN GDN BLDG W	697	0	10,200
2253	SNUG HARBOR CULT CNTR & BOTN GDN ART STUDIO 1	2,664	52,200	6,500
2254	SNUG HARBOR CULT CNTR & BOTN GDN ART STUDIO 3	2,664	52,200	6,500
2255	SNUG HARBOR CULT CNTR & BOTN GDN PRE-SCHOOL 1	2,664	52,200	6,500
2256	SNUG HARBOR CULT CNTR & BOTN GDN PRE-SCHOOL 2	2,664	52,200	6,500
2258	NEW YORK BOTANICAL GARDEN GARAGE	1,872	23,100	18,200
2631	HISTORIC RICHMOND TOWN CARRIAGE & WAGON MANUFACTORY	1,936	23,900	18,800
2648	BRONX ZOO AFRICAN TERRACE	2,720	53,300	6,700
2798	STATEN ISLAND ZOOLOGICAL SOCIETY TICKET BOOTH (2)	50	0	700
2801	BRONX ZOO CAMEL BUILDING	3,066	60,000	7,500
2856	BRONX ZOO NYALA BARN	3,498	68,500	8,600

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.