

Print Date : 05-Sep-2013

DIV. OF YOUTH & FAMILY JUSTICE - FY 2014

Asset Name : BEACH AVE. NON-SECURE DET. HOME1 (GROUP HOME)
Address : 1101 BEACH AVENUE
Borough : BRONX **Agency's Number** : N/A
Program / Asset # : DJJ0004.000 / 14321 **Yr Built/Renovated** : 1972 /
Area Sq Ft : 4,080 **Project Type** : JUVENILE JUSTICE
Date of Survey : 08-Feb-2013 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1,2,3
Block : 3753 **Lot** : 1 **BIN** : 2024244

CAPITAL

Total

Priority

Total

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$24,000		\$100	
Interior Architecture	\$34,100		\$100	\$400
Electrical	\$100			
Mechanical	\$2,600	\$400	\$300	\$300
Total	\$60,800	\$400	\$500	\$700
Priority A	\$24,000		\$100	
Priority B	\$13,100	\$400	\$300	\$300
Priority C	\$23,700		\$100	\$400
Total	\$60,800	\$400	\$500	\$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.

DIV. OF YOUTH & FAMILY JUSTICE - 130
BEACH AVE. NON-SECURE DET. HOME1 (GROUP HOME)

Asset # : 14321

Architecture	Current 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	\$14,400	LIFE	**	5	\$4,300	A
<i>Diagonal Cracks, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : East Facade</i>								
<i>Horizontal Cracks, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : South Facade</i>								
<i>Vertical Cracks, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : West Facade</i>								
Pre-Cast Concrete	5%	0-2	\$2,200	LIFE	**	5	\$1,000	A
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Window Sills</i>								
Stucco Cement	25%	Now	\$2,400	2037	**	5	\$1,900	A
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : West Facade</i>								
<i>Vertical Cracks, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : West Facade</i>								
Windows								
Aluminum	100%			2040	**	5	\$600	A
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Units Remain Locked Throughout For Security Purposes</i>								
Parapets								
Cast Stone/Terra Cotta	7%	0-2	\$1,300	LIFE	**	5	\$200	A
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Clay Tile Coping At South Parapet</i>								
Masonry: Brick	90%			LIFE	**	5-10	\$2,200	A
Pre-Cast Concrete	3%			LIFE	**	5	\$100	A
Roof								
Asphalt Shingle	15%			2027	**	10	\$100	A
Modified Bitumen	85%	Now	\$1,400	2029	**			A
<i>Miss/Damaged Flashings, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : At South Side</i>								
<i>Ponding, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : At Rear Of Roof</i>								

Interior

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BEACH AVE. NON-SECURE DET. HOME1 (GROUP HOME)

Asset # : 14321

Architecture		Current 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								
Floors								
Cast in Place Concrete	20%			LIFE	**	5	\$4,400	C
Ceramic Tile	5%			2027	**	5	\$300	C
Vinyl Tile	35%	4+	\$5,000	2029	**	3	\$700	C
<i>Recent Repair Evident, Extent : Light, Area Affected : 75%</i>								
<i>Location : Throughout Second And Third Floor, 2012</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : First Floor Library, Staff Record Room, Lounge</i>								
Wood	40%	4+	\$4,200	2052	**	5	\$1,900	C
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : First And Second Floors</i>								
<i>Split/Cracked, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : First And Second Floors</i>								
Interior Walls								
Cast in Place Concrete	15%			LIFE	**	10	\$2,300	C
Ceramic Tile	5%			2033	**	5	\$300	C
<i>Recent Repair Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout Bathrooms, 2012</i>								
Gypsum Board	55%			LIFE	**	5-10	\$5,800	C
<i>Recent Repair Evident, Extent : Light, Area Affected : 75%</i>								
<i>Location : Throughout Second And Third Floor, 2012</i>								
Wood	25%			LIFE	**	5	\$12,500	C
Ceilings								
Exposed Struc: Wood	15%			LIFE	**	10	\$1,100	B
Gypsum Board	85%			LIFE	**	5-10	\$14,600	B
Site Enclosure								
Fence/Gates								
Chain link	100%			2034	**			C
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	\$2,100	2029	**			C
<i>Other Observation, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Along Watson Avenue</i>								
<i>Explanation : Uneven Panels/Cracking/Trip Hazards</i>								
Parking/Driveway								
Asphalt	100%			2027	**			C
<i>Other Observation, Extent : Light, Area Affected : 15%</i>								
<i>Location : At Parking Area</i>								
<i>Explanation : Cracking</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

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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								
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 200 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								
Fluorescent	95%			2032	**	10	\$2,900	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : 2nd Floor</i>								
<i>Explanation : T-8 Lamps</i>								
Incandescent	5%			2019		2	\$400	B
Egress Lighting								
Emergency, Battery	30%			2032	**	10	\$200	B
Emergency, Battery	20%			2024		10	\$200	B
Exit, Service	20%			2024		1	\$100	B
Exit, Service	30%			2032	**	1		B
Exterior Lighting								
HID	60%			2032	**	10		B
Incandescent	40%			2019		2	\$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%			2044	**	1		B
Conversion Equipment								
Hot Water Boiler	100%			2029	**	1	\$1,700	B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement Boiler Room</i>								
<i>Explanation : 1 Unit, Hart & Grousse Corp.- 120,000 Btu/hr</i>								

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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%			2032	* *	4	\$200	B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : 1st, 2nd & 3rd Floor</i>								
<i>Explanation : 3 Zones</i>								
Terminal Devices								
Convactor/Radiator	100%			2029	* *	1	\$1,100	B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Perimeter Walls</i>								
<i>Explanation : Cast Iron Baseboard Radiators</i>								
Air Conditioning								
Energy Source								
Electricity	100%			2032	* *	1		B
Conversion Equipment								
Window/Wall Unit	60%	Now	\$2,300	2019	\$4,700	1		B
<i>Malfunctioning, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout, Multiple Mechanical And Or Electrical Deficiencies</i>								
No Component	40%							D
Ventilation								
Exhaust Fans								
Wall Unit	30%	Now		2024	\$1,700	2		B
<i>Malfunctioning, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Second Floor Bathroom, Defective Exhaust Fan</i>								
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : 2nd Floor</i>								
<i>Explanation : Bathroom Only</i>								
No Component	70%							D
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2034	* *	1		B
Water Heater								
Gas Fired	100%			2022	\$900	2	\$100	B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement Boiler Room</i>								
<i>Explanation : 40 Gallon Rheems</i>								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		B
Fixtures								
Generic	100%							B
<i>Obsolete Fixtures, Extent : Severe, Area Affected : 60%</i>								
<i>Location : Bathrooms</i>								

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Print Date : 05-Sep-2013

DIV. OF YOUTH & FAMILY JUSTICE - FY 2014

Asset Name : BEACH AVE. NON-SECURE DET. HOME2 (GROUP HOME)
Address : 1103 BEACH AVENUE
Borough : BRONX **Agency's Number** : N/A
Program / Asset # : DJJ0005.000 / 14322 **Yr Built/Renovated** : 1972 /
Area Sq Ft : 4,080 **Project Type** : JUVENILE JUSTICE
Date of Survey : 08-Feb-2013 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1,2,3
Block : 3753 **Lot** : 73 **BIN** : 2095231

CAPITAL

Total

Priority

Total

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$16,800		\$100	
Interior Architecture	\$31,500		\$100	\$400
Electrical	\$100			
Mechanical	\$8,600	\$3,500	\$3,400	\$7,000
Total	\$56,900	\$3,500	\$3,600	\$7,400
Priority A	\$16,800		\$100	
Priority B	\$16,400	\$3,500	\$3,400	\$7,000
Priority C	\$23,700		\$100	\$400
Total	\$56,900	\$3,500	\$3,600	\$7,400



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BEACH AVE. NON-SECURE DET. HOME2 (GROUP HOME)

Asset # : 14322

Architecture	Current 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	\$7,200	LIFE	**	5	\$4,300	A
<i>Diagonal Cracks, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : East Facade</i>								
<i>Horizontal Cracks, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : West Facade</i>								
Pre-Cast Concrete	5%	0-2	\$2,200	LIFE	**	5	\$1,000	A
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Window Sills</i>								
Stucco Cement	25%	Now	\$2,400	2037	**	5	\$1,900	A
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : West Facade</i>								
<i>Diagonal Cracks, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : West Facade</i>								
Windows								
Aluminum	100%			2040	**	5	\$600	A
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Units Remain Locked Throughout For Security Purposes</i>								
Parapets								
Cast Stone/Terra Cotta	7%	0-2	\$1,300	LIFE	**	5	\$200	A
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Clay Tile Coping At North Parapet</i>								
Masonry: Brick	90%			LIFE	**	5-10	\$2,200	A
Pre-Cast Concrete	3%			LIFE	**	5	\$100	A
Roof								
Asphalt Shingle	15%			2027	**	10	\$100	A
Modified Bitumen	85%	Now	\$1,400	2029	**			A
<i>Gut/DS Non Func/Miss, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Missing Piece Of Aluminum Leader At Rear Of Building</i>								
<i>Miss/Damaged Flashings, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : North Side</i>								
Interior								
Floors								
Cast in Place Concrete	20%			LIFE	**	5	\$4,400	C
Ceramic Tile	5%			2027	**	5	\$300	C
Vinyl Tile	35%	4+	\$5,000	2029	**	3	\$700	C
<i>Recent Repair Evident, Extent : Light, Area Affected : 75%</i>								
<i>Location : Throughout Second And Third Floor, 2012</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Kitchen And Dining Area</i>								
Wood	40%	4+	\$4,200	2052	**	5	\$1,900	C
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : First And Second Floors</i>								
<i>Split/Cracked, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : First And Second Floors</i>								

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BEACH AVE. NON-SECURE DET. HOME2 (GROUP HOME)

Asset # : 14322

Architecture		Current 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	**	10	\$2,300	C
Ceramic Tile	5%			2033	**	5	\$300	C
<i>Recent Repair Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout Bathrooms, 2012</i>								
Gypsum Board	55%			LIFE	**	5-10	\$5,800	C
<i>Recent Repair Evident, Extent : Light, Area Affected : 75%</i>								
<i>Location : Throughout First And Second Floor, 2012</i>								
Wood	25%			LIFE	**	5	\$12,500	C
Ceilings								
AcousTileSusp.Lay-In	5%	Now	\$1,700	2044	**	5	\$100	B
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Basement</i>								
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Basement</i>								
<i>Staining/Discoloring, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Basement</i>								
Exposed Struc: Wood	10%			LIFE	**	10	\$700	B
Gypsum Board	85%	0-2	\$5,300	LIFE	**	5	\$5,300	B
<i>Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Site Enclosure								
Fence/Gates								
Chain link	100%			2034	**			C
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2029	**			C
Parking/Driveway								
Asphalt	100%			2027	**			C
<i>Other Observation, Extent : Light, Area Affected : 15%</i>								
<i>Location : At Parking Area</i>								
<i>Explanation : Cracking</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%			2034	**	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								
Molded Case Bkrs	100%			2034	**	5	\$100	B
Raceway								
Conduit	100%			2034	**	1		B

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BEACH AVE. NON-SECURE DET. HOME2 (GROUP HOME)

Asset # : 14322

Electrical		Current 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%			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								
Fluorescent	95%			2032	**	10	\$2,900	B
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : T-8 Lamps</i>						
Incandescent	5%			2019		2	\$400	B
Egress Lighting								
Emergency, Battery	30%			2032	**	10	\$200	B
Emergency, Battery	20%			2024		10	\$200	B
Exit, Service	20%			2024		1	\$100	B
Exit, Service	30%			2032	**	1		B
Exterior Lighting								
HID	60%			2032	**	10		B
Incandescent	40%			2019		2	\$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%			2044	**	1		B
Conversion Equipment								
Hot Water Boiler	100%			2029	**	1	\$1,700	B
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Basement Boiler Room</i>						
		<i>Explanation : 1 Unit- Hart And Grousse- 120,000 Btu/hr</i>						
Distribution								
Hot Wtr Piping/Pump	100%			2032	**	4	\$200	B
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : 1st, 2nd And 3rd Floor</i>						
		<i>Explanation : 3 Zones</i>						
Terminal Devices								
Convactor/Radiator	100%			2029	**	1	\$1,100	B
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Perimeter Walls</i>						
		<i>Explanation : Cast Iron Baseboard Radiators</i>						

Air Conditioning

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System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Air Conditioning								
Energy Source								
Electricity	100%			2032	* *	1		B
Conversion Equipment								
Window/Wall Unit	70%	Now	\$1,600	2019	\$5,400	1		B
	<i>Malfunctioning, Extent : Moderate, Area Affected : 50%</i>							
	<i>Location : Throughout, Multiple Mechanical And Or Electrical Deficiencies</i>							
No Component	30%							D
Ventilation								
Exhaust Fans								
Roof	10%			2024	\$300	2		B
	<i>Other Observation, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Side Of Building</i>							
	<i>Explanation : Kitchen Exhaust Is Ducted Out Of The Building And Up To An Exhaust Fan On Roof</i>							
Wall Unit	30%			2024	\$1,700	2		B
No Component	60%							D
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2034	* *	1		B
Water Heater								
Gas Fired	100%			2022	\$900	2	\$100	B
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Basement Boiler Room</i>							
	<i>Explanation : 40 Gallon - American</i>							
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		B
Backflow Preventer								
Generic	100%			2024	\$400	1	\$200	B
Fixtures								
Generic	100%							B
Fire Suppression								
Chemical System								
Generic	100%			2019	\$24,300	1-3	\$45,000	B

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Print Date : 05-Sep-2013

DIV. OF YOUTH & FAMILY JUSTICE - FY 2014

Asset Name : CROSSROADS JUVENILE DETENTION CENTER
Address : 17 BRISTOL ST. AT PITKIN AVE.
Borough : BROOKLYN **Agency's Number** : N/A
Program / Asset # : DJJ0002.000 / 4382 **Yr Built/Renovated** : 1998 / 2010
Area Sq Ft : 125,000 **Project Type** : JUVENILE JUSTICE
Date of Survey : 10-Jul-2012 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1,2,3
Block : 3498 **Lot** : 8 **BIN** : 3378202

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$114,900	\$572,700
Interior Architecture	\$169,500	\$1,117,800
Electrical	\$84,400	
Mechanical	\$100,100	\$773,500
Total	\$468,900	\$2,464,000
Priority A	\$114,900	\$572,700
Priority B	\$234,500	\$872,900
Priority C	\$119,500	\$1,018,500
Total	\$468,900	\$2,464,000

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$48,300	\$20,400		\$49,000
Interior Architecture	\$20,100	\$4,100		\$26,500
Electrical	\$12,900	\$16,100	\$12,900	\$29,900
Mechanical	\$17,200	\$15,600	\$22,600	\$13,400
Elevators/Escalators	\$7,900	\$7,900	\$7,900	\$7,900
Total	\$106,300	\$64,200	\$43,300	\$126,700
Priority A	\$48,300	\$20,400		\$49,000
Priority B	\$37,900	\$43,700	\$43,300	\$51,200
Priority C	\$20,100			\$26,500
Total	\$106,300	\$64,200	\$43,300	\$126,700



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.

DIV. OF YOUTH & FAMILY JUSTICE - 130
CROSSROADS JUVENILE DETENTION CENTER

Asset # : 4382

Architecture	Current 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%	4+	\$30,700	LIFE	**	5	\$74,400	A
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
Masonry: Brick	25%	Now	\$79,600	LIFE	**	5	\$23,800	A
<i>Efflorescence, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Throughout Perimeter Wall</i>								
<i>Horizontal Cracks, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Perimeter Wall Along E New York Avenue</i>								
<i>Vertical Cracks, Extent : Severe, Area Affected : 5%</i>								
<i>Location : Nypd Entrance At E New York Avenue And Northeast Corner In Sally Area</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Gymnasium</i>								
Masonry: Brick	55%			LIFE	**	5	\$52,400	A
Metal Panel	5%			2043	**	5-10	\$32,800	A
Metal: Cage/Fence	5%			2036	**	5	\$20,800	A
Windows								
Metal/Detention Type	100%			2043	**	5	\$51,600	A
Parapets								
Cast Stone/Terra Cotta	75%			LIFE	**	5	\$69,300	A
Metal Panel	5%			2043	**	5	\$2,300	A
Metal Rail	10%			2028	**	5-10	\$21,600	A
Pre-Cast Concrete	10%	0-2	\$4,800	LIFE	**	5	\$7,500	A
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Gymnasium</i>								
Roof								
Built-Up (BUR)	60%	0-2	\$35,300	2023	\$352,600			A
<i>Ponding, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Around Air Conditioning Units</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Below Air Conditioning Units</i>								
Metal, Corrugated	30%	0-2	\$12,800	2036	**	1		A
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Over Gymnasium</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Over Gymnasium</i>								
<i>Explanation : Standing Seam Roof</i>								
Metal Panel	5%			2036	**	10	\$10,000	A
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Above Balconies</i>								
<i>Explanation : Perforated Metal Screen</i>								
Skylight, Plastic	5%			2028	**	1		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.

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DIV. OF YOUTH & FAMILY JUSTICE - 130
CROSSROADS JUVENILE DETENTION CENTER

Asset # : 4382

Architecture		Current 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%	Now	\$20,100	LIFE	**	5	\$29,000	C
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Throughout Balconies</i>								
Panel/Paver: Cer/Brk	20%	Now	\$56,700	2039	**	5	\$29,800	C
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 10%</i>								
<i>Location : 3rd Floor Hallway</i>								
<i>Horizontal Cracks, Extent : Severe, Area Affected : 5%</i>								
<i>Location : 3rd Floor Hallway</i>								
<i>Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 5%</i>								
<i>Location : 3rd Floor Hallway</i>								
Sheet Vinyl/Rubber	10%			2028	**	5	\$19,900	C
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Bathrooms, 2010</i>								
<i>Explanation : Newly Installed With An Epoxy Finish</i>								
Traffic Topping	10%			2023	\$355,500	5	\$16,600	C
Vinyl Tile	50%	4+	\$62,800	2023	\$627,900	3	\$24,800	C
<i>Worn/Eroded, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout Basement And 1st Floor</i>								
Interior Walls								
Concrete Masonry Unit	40%			LIFE	**	5	\$17,000	C
Gypsum Board	55%			LIFE	**	5	\$35,000	C
Plaster	5%			LIFE	**	5	\$1,600	C
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout Bathrooms</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout Bathrooms</i>								
<i>Explanation : Epoxy Finish</i>								
Ceilings								
AcousTileConcealSpLn	5%			2036	**	5	\$8,300	B
Exposed Concrete	10%			LIFE	**	5	\$2,100	B
Exposed Struc: Steel	10%			LIFE	**			B
Gypsum Board	60%	0-2	\$50,000	LIFE	**	5	\$99,300	B
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : 3rd Floor H-hall</i>								
Metal Panel	15%			LIFE	**	5	\$24,800	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%			2043	**	5	\$2,700	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : Four 4000 Amps Main</i>								

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DIV. OF YOUTH & FAMILY JUSTICE - 130
CROSSROADS JUVENILE DETENTION CENTER

Asset # : 4382

Electrical		Current 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								
Air Circuit Breaker	100%			2043	**	5	\$500	B
Raceway								
Conduit	100%			2043	**	1		B
Panelboards								
Molded Case Bkrs	100%			2039	**	5	\$2,700	B
Wiring								
Thermoplastic	100%			2043	**	1		B
Motor Controlllers								
Locally Mounted	10%			2036	**	5	\$100	B
Motor Control Center	90%			2036	**	5	\$2,500	B
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$1,500	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%			2036	**	1	\$31,600	B
Generators								
Diesel	100%			2032	**	1	\$39,600	B
				<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>				
				<i>Location : Transportation Area</i>				
				<i>Explanation : One 120 Kva Detroit Diesel</i>				
Batteries								
Nickel Cadmium	100%			2018	\$600	5	\$22,800	B
Fuel Storage								
Day Tank	50%			2039	**	5	\$9,500	B
				<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>				
				<i>Location : Transportation Area</i>				
				<i>Explanation : One 100 Gallon Tank</i>				
Main Tank	50%			2051	**	5	\$1,500	B
				<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>				
				<i>Location : Basement</i>				
				<i>Explanation : One 6500 Gallon Tank</i>				
Lighting								
Interior Lighting								
Fluorescent	90%			2028	**	10	\$84,400	B
HID	10%			2028	**	10	\$300	B
Egress Lighting								
Exit, Service	60%			2028	**	1		B
Exit, Battery	40%			2028	**	10	\$2,800	B
Exterior Lighting								
HID	100%			2028	**	10	\$300	B

Alarm

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DIV. OF YOUTH & FAMILY JUSTICE - 130
CROSSROADS JUVENILE DETENTION CENTER

Asset # : 4382

Electrical		Current 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	40%							D
Generic	60%			2028	**	1	\$23,000	B

Fire/Smoke Detection

No Component	40%							D
Generic	60%			2028	**	1-3	\$37,900	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	60%			2043	**	1		B
Interruptible Gas/Dual Fuel	40%			2043	**	1		B

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

Location : Boiler Room, Under Ground Vault

Explanation : Gas Service Cannot Be Interrupted

1 8000 Gallon Tank

Conversion Equipment

Furnace	60%			2023	\$85,000	1	\$30,400	B
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Other Observation, Extent : Light, Area Affected : 60%

Location : Roof

Explanation : 7 Packaged Roof Top Units

Hot Water Boiler	40%			2036	**	1	\$20,300	B
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Other Observation, Extent : Light, Area Affected : 60%

Location : Basement

Explanation : 2 Dual Fuel Hot Water Boilers

Distribution

Hot Wtr Piping/Pump	100%			2039	**	4	\$7,600	B
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Terminal Devices

Air Handler	20%			2028	**	1	\$12,700	B
Convactor/Radiator	20%			2036	**	1	\$6,600	B
Unit Heater-Stm/HW	20%			2028	**	4	\$2,800	B
No Component	40%							D

Air Conditioning

Energy Source

Electricity	100%			2039	**	1		B
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Conversion Equipment

Reciprocating Compr/Chiller	10%			2028	**	1	\$4,800	B
Ext Pkg Unit - Heating/Cooling	90%			2023	\$688,500	2	\$5,700	B

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

Location : Roof

Explanation : R22 Refrigerant

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DIV. OF YOUTH & FAMILY JUSTICE - 130
CROSSROADS JUVENILE DETENTION CENTER

Asset # : 4382

Mechanical	Current 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	10%			2028	**	1		B
No Component	90%							D
Heat Rejection								
Remote Air Cond	10%			2028	**	2	\$7,100	B
No Component	90%							D
Ventilation								
Distribution								
Ductwork/Diffusers	100%	4+	\$100,100	LIFE	**	2-5	\$57,000	B
<i>Other Observation, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Basement</i>								
<i>Explanation : Several Field Modifications Have Been Made To Correct Air Flow</i>								
Exhaust Fans								
Interior	10%			2028	**	2	\$300	B
Roof	90%			2028	**	2	\$2,800	B
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	**	1		B
Water Heater								
Gas Fired	100%			2023	\$27,000	2	\$1,500	B
<i>Recent Installation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : There Are 4 Hot Water Heaters And 2 Storage Tanks. Two Of The The Four Hot Water Heaters Are Abandoned In Place</i>								
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
<i>Malfunctioning, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Basement, Defective Controls On 1 Of 2 Sump Pumps</i>								
Sewage Ejector(s)								
Electric	100%			2028	**	4	\$2,000	B
Fixtures								
Generic	100%							B
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout Facility</i>								
<i>Explanation : Ceramic Fixtures Not Appropriate For Detention Center Use - Too Easily Damaged</i>								
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	**			C
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : B-3, 1-3</i>								
<i>Explanation : Two Units</i>								

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**DIV. OF YOUTH & FAMILY JUSTICE - 130
CROSSROADS JUVENILE DETENTION CENTER**

Asset # : 4382

Mechanical		Current 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	\$28,700	B
Fire Pump								
Generic	100%			2032	* *	1	\$19,100	B

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Print Date : 05-Sep-2013

DIV. OF YOUTH & FAMILY JUSTICE - FY 2014

Asset Name : HORIZON JUVENILE DETENTION CENTER
Address : 560 BROOK AVENUE @WESTCHESTER AVE.
Borough : BRONX **Agency's Number** : N/A
Program / Asset # : DJJ0003.000 / 4383 **Yr Built/Renovated** : 1997 /
Area Sq Ft : 100,000 **Project Type** : JUVENILE JUSTICE
Date of Survey : 13-Jul-2012 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1,2
Block : 2276 **Lot** : 1 **BIN** : 2000133

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$38,400	\$187,900
Interior Architecture	\$135,100	\$509,900
Electrical	\$75,000	
Mechanical	\$98,500	\$1,047,500
Total	\$347,000	\$1,745,300
Priority A	\$38,400	\$187,900
Priority B	\$173,500	\$1,101,200
Priority C	\$135,100	\$456,200
Total	\$347,000	\$1,745,300

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$63,100			\$27,400
Interior Architecture		\$14,600	\$3,800	
Electrical	\$12,400	\$15,400	\$12,400	\$26,600
Mechanical	\$50,500	\$13,200	\$57,700	\$35,400
Elevators/Escalators	\$7,900	\$7,900	\$7,900	\$7,900
Total	\$133,900	\$51,100	\$81,800	\$97,300
Priority A	\$63,100			\$27,400
Priority B	\$70,800	\$51,100	\$78,000	\$69,900
Priority C			\$3,800	
Total	\$133,900	\$51,100	\$81,800	\$97,300



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**DIV. OF YOUTH & FAMILY JUSTICE - 130
HORIZON JUVENILE DETENTION CENTER**

Asset # : 4383

Architecture	Current 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	\$50,100	A
	<i>Efflorescence, Extent : Light, Area Affected : 5%</i>							
	<i>Location : Perimeter Wall Along Westchester Avenue</i>							
Masonry: Brick	5%	Now	\$12,900	LIFE	**	5	\$3,900	A
	<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%</i>							
	<i>Location : Room C107 From Main Yard</i>							
	<i>Water Penetration, Extent : Severe, Area Affected : 10%</i>							
	<i>Location : Room C107 From Main Yard</i>							
Metal Sect. OHD	5%	0-2	\$6,900	2036	**	5	\$6,000	A
	<i>Other Observation, Extent : Moderate, Area Affected : 5%</i>							
	<i>Location : Along Brook Avenue</i>							
	<i>Explanation : Hydraulic Leak</i>							
Pre-Cast Concrete	20%	0-2	\$27,600	LIFE	**	5	\$50,100	A
	<i>Staining/Discoloring, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Throughout</i>							
	<i>Vertical Cracks, Extent : Moderate, Area Affected : 5%</i>							
	<i>Location : Corners Of Front Facade Main Entrance</i>							
Window Wall	5%			2043	**	5	\$14,500	A
Windows								
Metal/Detention Type	100%			2049	**	5	\$39,900	A
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : Steel Frames With High Strength Plexiglass Glazing</i>							
Parapets								
Pre-Cast Concrete	95%	4+	\$10,100	LIFE	**	5	\$79,600	A
	<i>Misaligned/Bulging, Extent : Light, Area Affected : 5%</i>							
	<i>Location : Right Angle Corners Throughout</i>							
	<i>Open Joints, Extent : Light, Area Affected : 5%</i>							
	<i>Location : Right Angle Corners Throughout</i>							
Pre-Cast Concrete	5%	Now	\$1,300	LIFE	**	5	\$4,200	A
	<i>Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 5%</i>							
	<i>Location : Above Masonry Brick Into C107 From Main Yard</i>							
	<i>Water Penetration, Extent : Severe, Area Affected : 10%</i>							
	<i>Location : Above Masonry Brick Into C107 From Main Yard</i>							

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DIV. OF YOUTH & FAMILY JUSTICE - 130
HORIZON JUVENILE DETENTION CENTER
Asset # : 4383

Architecture		Current 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)	65%	0-2	\$38,400	2028	**			A
<i>Ponding, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Around Rooftop Units</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Y-elevator Shaft</i>								
Metal, Corrugated	20%	0-2	\$4,300	2036	**	1		A
<i>Water Penetration, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Over Gymnasium</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Over Gymnasium</i>								
<i>Explanation : Standing Seam Roof</i>								
Metal Panel	10%			2028	**	10	\$20,200	A
<i>Corrosion/Rusting, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Above Balconies</i>								
<i>Explanation : Perforated Metal Screens</i>								
Skylight, Plastic	5%			2036	**	1		A
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	**	5	\$13,400	C
Ceramic Tile	25%	Now	\$67,600	2032	**	5	\$15,300	C
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout Bathrooms</i>								
<i>Loose/Delam Surface, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Throughout Bathrooms</i>								
Panel/Paver: Cer/Brk	45%			2039	**	5	\$124,200	C
Vinyl Tile	25%			2023	\$290,800	3	\$11,500	C
Interior Walls								
Concrete Masonry Unit	30%			LIFE	**	5	\$13,700	C
Glass: Special Gauge	10%			LIFE	**	1		C
Gypsum Board	55%	0-2	\$57,100	LIFE	**	5	\$37,700	C
<i>Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Gypsum Board Walls Are Not Impact Resistant And Are Susceptible To Constant Damage From Inmates</i>								
Gypsum Board	5%	Now	\$10,400	LIFE	**	5	\$3,400	C
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 15%</i>								
<i>Location : C107</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 20%</i>								
<i>Location : C107</i>								

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DIV. OF YOUTH & FAMILY JUSTICE - 130
HORIZON JUVENILE DETENTION CENTER
Asset # : 4383

Architecture		Current 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%			2036	**	5	\$23,000	B	
AcousTileSusp.Lay-In	5%			2036	**	5	\$6,100	B	
Exposed Concrete	20%			LIFE	**	5	\$3,800	B	
Exposed Struc: Steel	10%			LIFE	**			B	
Gypsum Board	35%			LIFE	**	5	\$53,700	B	
Metal Panel	15%			LIFE	**	5	\$23,000	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									
Molded Case Bkrs	100%			2043	**	5	\$2,200	B	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>									
<i>Location : Electrical Room</i>									
<i>Explanation : Four 4000 Amps Main Disconnect Switch</i>									
Switchgear / Switchboard									
Molded Case Bkrs	100%			2043	**	5	\$2,200	B	
Raceway									
Conduit	100%			2043	**	1		B	
Panelboards									
Fused Disc Sw	10%			2039	**	5	\$200	B	
Molded Case Bkrs	90%			2039	**	5	\$2,000	B	
Wiring									
Thermoplastic	100%			2043	**	1		B	
Motor Controllers									
Locally Mounted	30%			2036	**	5	\$200	B	
Motor Control Center	70%			2036	**	5	\$1,600	B	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>									
<i>Location : Maintenance Office</i>									
<i>Explanation : All Controller Monitored By Bms</i>									
Ground									
Grounding Devices									
Generic	100%			LIFE	**	5	\$1,200	B	
Stand-by Power									
Transfer Switches									
Automatic	100%			2036	**	1	\$25,300	B	
Generators									
Diesel	100%			2032	**	1	\$31,700	B	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>									
<i>Location : Generator Room Outside</i>									
<i>Explanation : One 1200 Kw</i>									
Batteries									
Nickel Cadmium	100%			2018		5	\$18,200	B	

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HORIZON JUVENILE DETENTION CENTER
Asset # : 4383

Electrical		Current 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
Stand-by Power								
Fuel Storage Day Tank	50%			2039	**	5	\$7,600	B
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Generator Room Outside</i>							
	<i>Explanation : One 56 Gals</i>							
Main Tank	50%			2051	**	5	\$1,200	B
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Underground</i>							
	<i>Explanation : One 5000 Gals</i>							
Lighting								
Interior Lighting Fluorescent	20%			2028	**	10	\$15,000	B
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : T-5 Lamps</i>							
Fluorescent	80%			2028	**	10	\$60,000	B
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : T-8 Lamps</i>							
Egress Lighting								
Emergency, Service	40%			2028	**	1		B
Emergency, Battery	10%			2028	**	10	\$2,000	B
Exit, LED	30%			2051	**	1		B
Exit, Service	20%			2028	**	1		B
Exterior Lighting								
HID	100%			2028	**	10	\$300	B
Alarm								
Security System								
No Component	30%							D
Generic	70%			2028	**	1	\$21,400	B
Fire/Smoke Detection								
Generic	100%			2028	**	1-3	\$50,500	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

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HORIZON JUVENILE DETENTION CENTER
Asset # : 4383

Mechanical		Current 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	5%			2043	**	1		B
	<i>Other Observation, Extent : Moderate, Area Affected : 10%</i>							
	<i>Location : Throughout The Building</i>							
	<i>Explanation : Used For Unit Heaters</i>							
Fuel Oil No 2	15%			2043	**	5	\$3,800	B
	<i>Other Observation, Extent : Moderate, Area Affected : 10%</i>							
	<i>Location : Located Under Ground In Outdoor Yard</i>							
	<i>Explanation : 8000 Gallon Oil Supply Used For Hot Water Boilers, One Oil Tank Is Abandoned</i>							
Natural Gas	80%			2033	**	1		B
	<i>Other Observation, Extent : Moderate, Area Affected : 80%</i>							
	<i>Location : Basement</i>							
	<i>Explanation : Used For Hot Water Boilers</i>							
<hr/>								
Conversion Equipment								
Hot Water Boiler	95%			2036	**	1	\$38,500	B
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Boiler Room</i>							
	<i>Explanation : 2 Units</i>							
Radiant Heater	5%			2028	**	2	\$1,900	B
	<i>Other Observation, Extent : Light, Area Affected : 5%</i>							
	<i>Location : Basement And Stairways</i>							
	<i>Explanation : Fully Functional But Not Being Used</i>							
<hr/>								
Distribution								
Hot Wtr Piping/Pump	100%			2031	**	4	\$6,100	B
<hr/>								
Terminal Devices								
Air Handler	50%	4+	\$5,000	2023	\$250,200	1	\$22,800	B
	<i>Other Observation, Extent : Severe, Area Affected : 50%</i>							
	<i>Location : Roof</i>							
	<i>Explanation : Total Of 6 Air Handlers - Heat Distribution Throughout Building Needs To Be Balanced</i>							
Convactor/Radiator	45%			2028	**	1	\$11,900	B
Fan Coil Unit/Heat	5%			2028	**	1	\$1,300	B
<hr/>								
Air Conditioning								
Energy Source								
Electricity	100%			2039	**	1		B
<hr/>								
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	100%	Now	\$12,200	2023	\$612,000	2	\$4,000	B
	<i>R-22 Refrigerant, Extent : Light, Area Affected : 1%</i>							
	<i>Location : A C Units</i>							
	<i>Unit Inoperable, Extent : Moderate, Area Affected : 5%</i>							
	<i>Location : Roof</i>							
<hr/>								
Distribution								
Ductwork/Diffusers	100%	Now	\$98,500	LIFE	**	2	\$106,500	B
	<i>Unbalanced System, Extent : Severe, Area Affected : 50%</i>							
	<i>Location : Throughout</i>							

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**DIV. OF YOUTH & FAMILY JUSTICE - 130
HORIZON JUVENILE DETENTION CENTER**

Asset # : 4383

Mechanical	Current 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	100%			2023	\$185,400	2	\$57,000	B
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$45,600	B
Exhaust Fans								
Roof	100%			2028	**	2	\$2,500	B
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2036	**	1		B
Water Heater								
Gas Fired	100%			2018	\$21,600	2	\$1,200	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Boiler Room</i>								
<i>Explanation : Total Of 6 Hot Water Heaters - 2 For The Laundry Room, 2 For The Kitchen And 2 For Domestic Use</i>								
Sanitary Piping								
Cast Iron	100%	Now	\$10,100	LIFE	**	1		B
<i>Blockage /Clogged, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Showers</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Showers</i>								
<i>Explanation : Frequent Maintenance Required For Drain Clogs</i>								
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%			2028	**	4	\$2,000	B
Fixtures								
Generic	100%							B
<i>Other Observation, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : All Toilet Rooms</i>								
<i>Explanation : Frequent Maintenance And Repair Of Plumbing Fixtures Is Required</i>								
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	**			C
<i>Other Observation, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Basement, 1st Floor, 2nd Floor</i>								
<i>Explanation : There Are 2 Hydraulic Elevators, 1 Elevator Is Out Of Service</i>								
Fire Suppression								
Sprinkler								
Generic	100%			2043	**	1-2	\$23,000	B
Fire Pump								
Generic	100%			2032	**	1	\$15,300	B

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