

# **Woodford County**

# CA Report

Audit # Audit Type Assigned Group Provider Scheduled Date 151 Comprehensive Tate Hill Jacobs Architects, Inc Summary Audit Status Assigned To Action Data Source Date Completed

Waiting for QA/QC Margaret-Jacobs Audit 2019

# Woodford County Middle School (Facility)



Address School District ModelType Size Construction Year Template 100 School House Road Woodford County School Facility 127,625 Sq.Ft. 2004 Middle School

ty		OA Report as of 2020-12-01
	Description	Original construction of approximately 127,625 GSF was completed in 2004 for use as a middle school. The building has been in continuous use since that date as a middle school. The school is a two-story building and is equipped with an ADA compliant elevator. The school is built into the side of hill; both levels exit at grade. Building Construction includes brick veneer on load bearing concrete masonry exterior walls with concrete masonry unit interior load bearing and non- load bearing partition walls and concrete floor slab on grade. Second floor structure where not earth bearing is concrete filled metal decking on steel bar joists. Roof structure is sloped 4:12 steel bar joist and corrugated metal deck. This building is not equipped with an emergency generator. Emergency lighting is powered by batteries. The building is equipped with an 100% NFPA compliant fire suppression system.

Report Generated On:2020-12-01 12:35:42

### **Condition Summary**

### **General Summary**

At the time of the Audit in 2020 this Middle School was in good condition.

#### Architectural Summary

Exterior masonry walls are in good condition.

Exterior doors and windows are in good condition.

Asphalt shingle roofing and flashing is in good condition, but requires maintenance more frequently than would have been expected for a building of this age.

Interior doors, finishes, and fittings are in good condition and well maintained.

#### **Mechanical Summary**

The building is equipped with 100% code compliant fire suppression system

Plumbing systems are in good condition.

Electric water heaters (2) were replaced in 2018.

The water source geothermal heat pump HVAC system is in good condition. Heat pumps serving smaller areas located near the end of the loop are prone to freezing during winter months, but function well once thawed/reset. Several heat pump compressors have been replaced during the first 16 years, more than would have been expected.

There are multiple energy recovery units which provide code compliant outside air to all areas of the building.

HVAC controls are conventional pneumatic type by Mammoth; they are not web-based but they do have night-setback capability. This is an all-electric school, there is no gas service to this school.

#### **Electrical Summary**

Primary switchgear is General Electric and is in good condition.

Branch panels, conduit, and raceways are in good condition.

Most of the lighting is T5 2x4 fluorescent lay-in ceiling type fixtures.

The gym is served by LED lighting

All pole mounted site lighting is LED.

All lighting is controlled for energy efficiency.

Voice, data, video cabling and security systems are in good condition and is well maintained.

# **Facility Custom Details**

# **Elements by Category**

# A10 - Foundations [1]

Discipline	Substructure
Category	A10 - Foundations
Element Number	1
Maintenance Type	Reactive
Replacement Cost	\$1,702,518
Last Major Action	2004
Location/Name	Substructure
Brief Description	steel reinforced cast-in-place concrete footings and stem walls.
Overall Condition	Good
Commentary	

#### **Pictures**









E-15865-20201102174347.jpg

# E-15865-20201102173741.jpg

# 73741.jpg E-15865-20201102174813.jpg

E-15865-20201102173758.jpg

# **Custom Details**

#### Actions

# B10 - Superstructure [1]

Discipline Category Element Number Maintenance Type Replacement Cost Last Major Action Location/Name Brief Description	Shell B10 - Superstructure 1 Reactive \$1,777,816 2004 Superstructure cast-in-place concrete floor slab on grade and load-bearing exterior masonry cavity walls. Load-bearing and non-load bearing interior concrete
	masonry cavity walls. Load-bearing and non-load bearing interior concrete masonry units. Concrete covered metal decking on steel bar joists raised floors and corrugated metal decking over steel bar joist roof structure.
Overall Condition Commentary	Good









E-15866-20201102151751.jpg

E-15866-20201102151041.jpg

E-15866-20201102150855.jpg

E-15866-20201102150929.jpg

# **Custom Details**

Actions

# B2010 - Exterior Walls [1]

Discipline	Shell
Category	B2010 - Exterior Walls
Element Number	1
Maintenance Type	Reactive
Replacement Cost	\$3,718,993
Last Major Action	2004
Location/Name	Exterior
Brief Description	Masonry cavity walls - brick veneer over rigid insulation on load bearing concrete masonry units with interior paint finish.
Overall Condition	Good
• · · · ·	

# Commentary

#### Pictures









E-15867-20201102152716.jpg

# E-15867-20201102163138.jpg



E-15867-20201102173333.jpg

# **Custom Details**

Action Summary: Repair	
Action Type	Repair
Life Safety / Code Related?	No
Adverse Effect on Security?	No
Risk of building shut down?	No
Accessibility Related?	No
Urgency of Action?	Low
<b>Operation / Energy Savings?</b>	N/A
Status	Not Specified
Funding Source	
Cost	\$371,899
Year	2042
Repeat Interval	38
Action: Commentary	

# B2020 - Exterior Windows [1]

Discipline	Shell
Category	B2020 - Exterior Windows
Element Number	1
Maintenance Type	Reactive
Replacement Cost	\$822,416
Last Major Action	2004
Location/Name	Exterior
Brief Description	Aluminum project out with double pane low e insulated glass
Overall Condition	Good
Commentary	

#### Pictures









E-15868-20201102153213.jpg

E-15868-20201102153227.jpg

i3227.jpg E-15868-20201102163148.jpg

E-15868-20201102161947.jpg

# Custom Details

Cliona	
Action Summary: Replace	
Action Type	Replacement
Life Safety / Code Related?	No
Adverse Effect on Security?	No
Risk of building shut down?	No
Accessibility Related?	No
Urgency of Action?	Low
Operation / Energy Savings?	N/A
Status	Not Specified
Funding Source	
Cost	\$822,416
Year	2034
Repeat Interval	30
Action: Commentary	

# B2030 - Exterior Doors [1]

Discipline	Shell
Category	B2030 - Exterior Doors
Element Number	1
Maintenance Type	Reactive
Replacement Cost	\$295,580
Last Major Action	2004
Location/Name	Exterior
Brief Description	Aluminum and insulated hollow metal
Overall Condition	Good Good
Commentary	

#### **Pictures**









E-15869-20201102152514.jpg

E-15869-20201102152509.jpg

E-15869-20201102152529.jpg

E-15869-20201102162730.jpg

# **Custom Details**

Action Summary: Replace	
Action Type	Replacement
Life Safety / Code Related?	No
Adverse Effect on Security?	No
Risk of building shut down?	No
Accessibility Related?	No
Urgency of Action?	Low
<b>Operation / Energy Savings?</b>	N/A
Status	Not Specified
Funding Source	
Cost	\$295,580
Year	2034
Repeat Interval	30
Action: Commentary	

# B2040 - Industrial Doors [1]

Discipline	Shell
Category	B2040 - Industrial Doors
Element Number	1
Maintenance Type	Reactive
Replacement Cost	\$27,567
Last Major Action	2004
Location/Name	Exterior
Brief Description	There are no exterior overhead or sectional doors. There are interior overhead grilles used for access control. Overhead rolling doors are used between the cafeteria and kitchen serving line.
<b>Overall Condition</b>	Good

### Overall Condition Commentary

#### **Pictures**







E-15870-20201102165238.jpg

E-15870-20201102163744.jpg

#### **Custom Details**

#### Actions **Action Summary:** Replace **Action Type** Replacement Life Safety / Code Related? No Adverse Effect on Security? No Risk of building shut down? No Accessibility Related? No **Urgency of Action?** Low **Operation / Energy Savings?** N/A Status Not Specified **Funding Source** Cost \$27,567 Year 2034 30 **Repeat Interval Action: Commentary**

# B30 - Roofing [1]

Discipline	Shell
Category	B30 - Roofing
Element Number	1
Maintenance Type	Reactive
Replacement Cost	\$1,131,523
Last Major Action	2006
Location/Name	Roof
Brief Description	Asphalt shingles on sloped 4:12 roofing
Overall Condition	Fair
Commentary	

#### **Pictures**









E-15871-20201102152745.jpg

E-15871-20201102173144.jpg

E-15871-20201102173047.jpg

E-15871-20201102173428.jpg

# **Custom Details**

Action Summary: Replace	
Action Type	Replacement
Life Safety / Code Related?	No
Adverse Effect on Security?	No
Risk of building shut down?	No
Accessibility Related?	No
Urgency of Action?	Medium
Operation / Energy Savings?	N/A
Status	Not Specified
Funding Source	
Cost	\$1,131,523
Year	2026
Repeat Interval	20
Action: Commentary	

# B30 - Roofing [2]

Discipline	Shell
Category	B30 - Roofing
Element Number	2
Maintenance Type	Reactive
Replacement Cost	\$1,131,523
Last Major Action	2004
Location/Name	Roof
Brief Description	Asphalt Shingles
<b>Overall Condition</b>	Fair
Commentary	valley, hip and step flashing requires frequent maintenance.

# Pictures

**Custom Details** 

#### Actions

Action Summary: Replace	
Action Type	Replacement
Life Safety / Code Related?	No
Adverse Effect on Security?	No
Risk of building shut down?	No
Accessibility Related?	No
Urgency of Action?	Medium
Operation / Energy Savings?	N/A
Status	Not Specified
Funding Source	
Cost	\$1,131,523
Year	2024
Repeat Interval	20
Action: Commentary	

# C1010 - Partitions [1]

Discipline	Interiors
Category	C1010 - Partitions
Element Number	1
Maintenance Type	Reactive
Replacement Cost	\$1,141,350
Last Major Action	2004
Location/Name	Interior
Brief Description	Primarily concrete masonry units, some administrative areas are metal stud and gypsum wallboard.
Overall Condition Commentary	Good



E-15872-20201102163535.jpg E-15872-20201102164153.jpg

# **Custom Details**

Actions

# C1020 - Fittings [1]

Discipline	Interiors
Category	C1020 - Fittings
Element Number	1
Maintenance Type	Reactive
Replacement Cost	\$1,350,528
Last Major Action	2004
Location/Name	Interior
Brief Description	GYM: operable basketball goals, telescoping bleachers, scoreboard, girls and boys locker rooms
	Media Center: Wood shelving, upholstered wood chairs, wood tables, wood study carrels, & circulation desk.
	Classrooms: storage cabinets, whiteboards, smart projectors, student & teacher desks
	Special Programs: Custom plastic laminate casework as appropriate.
Overall Condition Commentary	Good

### Pictures









E-15873-20201102155712.jpg

12.jpg E-15873-20201102155040.jpg

E-15873-20201102155005.jpg

E-15873-20201102160212.jpg

### **Custom Details**

Action Summary: Replace	
Action Type	Replacement
Life Safety / Code Related?	No
Adverse Effect on Security?	No
Risk of building shut down?	No
Accessibility Related?	No
Urgency of Action?	Low
Operation / Energy Savings?	N/A
Status	Not Specified

\$1,350,528
2034
30

# C1030 - Interior Doors [1]

Discipline	Interiors	
Category	C1030 - Interior Doors	
Element Number	1	
Maintenance Type	Reactive	
Replacement Cost	\$529,899	
Last Major Action	2004	
Location/Name	Interior	
Brief Description	Natural finish wood and painted steel in both flush and glazed	
	configurations.	
Overall Condition	Good	

# Overall Condition Commentary

### **Pictures**





E-15898-20201102155143.jpg



E-15898-20201102160430.jpg



E-15898-20201102164623.jpg

# E-15898-20201102155155.jpg

# **Custom Details**

Action Summary: Replace	
Action Type	Replacement
Life Safety / Code Related?	No
Adverse Effect on Security?	No
Risk of building shut down?	No
Accessibility Related?	No
Urgency of Action?	Low
Operation / Energy Savings?	N/A
Status	Not Specified
Funding Source	
Cost	\$529,899
Year	2034
Repeat Interval	30
Action: Commentary	

# C20 - Stairs [1]

Discipline	Interiors
Category	C20 - Stairs
Element Number	1
Maintenance Type	Reactive
Replacement Cost	\$377,004
Last Major Action	2004
Location/Name	Interior
Brief Description	Concrete filled pan & steel structure finished with resilient flooring. Steel pipe railings.
Overall Condition Commentary	Good

# Pictures





E-15874-20201102151110.jpg



E-15874-20201102160341.jpg



E-15874-20201102163609.jpg

# Custom Details

# Actions

E-15874-20201102145820.jpg

Action Summary: Repair	
Action Type	Repair
Life Safety / Code Related?	No
Adverse Effect on Security?	No
Risk of building shut down?	No
Accessibility Related?	No
Urgency of Action?	Low
<b>Operation / Energy Savings?</b>	N/A
Status	Not Specified
Funding Source	
Cost	\$37,700
Year	2042
Repeat Interval	38
Action: Commentary	

# C3010 - Wall Finishes [1]

Discipline	Interiors
Category	C3010 - Wall Finishes
Element Number	1
Maintenance Type	Reactive
Replacement Cost	\$496,142
Last Major Action	2004
Location/Name	Interior
Brief Description	Paint.
Overall Condition	Good
Commentary	

# Pictures









E-15899-20201102154019.jpg

E-15899-20201102154003.jpg

E-15899-20201102155218.jpg

E-15899-20201102162355.jpg

# **Custom Details**

Action Summary: Replace	
Action Type	Replacement
Life Safety / Code Related?	No
Adverse Effect on Security?	No
Risk of building shut down?	No
Accessibility Related?	No
Urgency of Action?	Low
<b>Operation / Energy Savings?</b>	N/A
Status	Not Specified
Funding Source	
Cost	\$496,142
Year	2034
Repeat Interval	30
Action: Commentary	

# C3020 - Floor Finishes [1]

Discipline	Interiors
Category	C3020 - Floor Finishes
Element Number	1
Maintenance Type	Reactive
Replacement Cost	\$1,311,347
Last Major Action	2004
Location/Name	Interior
Brief Description	Vinyl composition floor tile in most areas, carpet in administrative offices and media center, quarry tile in kitchen & student restrooms. Black painted wood on stage, natural finished maple Gym floor and sealed concrete in mechanical areas.
<b>Overall Condition</b>	Good
Overall Condition	concrete in mechanical areas.

# Commentary

### Pictures









E-15900-20201102153916.jpg E-15900-20201102155643.jpg

E-15900-20201102152203.jpg E-15900-20201102152218.jpg

#### **Custom Details**

#### Actions **Action Summary:** Replace Replacement **Action Type** Life Safety / Code Related? No Adverse Effect on Security? No Risk of building shut down? No Accessibility Related? No **Urgency of Action?** Low **Operation / Energy Savings?** N/A Not Specified Status **Funding Source** Cost \$1,311,347 2034 Year **Repeat Interval** 30 **Action: Commentary**

# C3030 - Ceiling Finishes [1]

Discipline	Interiors
Category	C3030 - Ceiling Finishes
Element Number	1
Maintenance Type	Reactive
Replacement Cost	\$617,195
Last Major Action	2004
Location/Name	Interior
Brief Description	Acoustic Ceiling Tiles / Gypsum Board Ceiling / exposed structure in gym and mechanical room
Overall Condition Commentary	Good

### Pictures



E-15901-20201102153932.jpg







E-15901-20201102163454.jpg

E-15901-20201102164324.jpg

### **Custom Details**

Action Summary: Replace	
Action Type	Replacement
Life Safety / Code Related?	No
Adverse Effect on Security?	No
Risk of building shut down?	No
Accessibility Related?	No
Urgency of Action?	Low
<b>Operation / Energy Savings?</b>	N/A
Status	Not Specified
Funding Source	
Cost	\$617,195
Year	2034
Repeat Interval	30
Action: Commentary	

# D1010 - Elevators & Lifts [1]

Discipline	Services - Mechanical
Category	D1010 - Elevators & Lifts
Element Number	1
Maintenance Type	Reactive
Replacement Cost	\$187,481
Last Major Action	2004
Location/Name	Interior
Brief Description	Two stop ADA compliant elevator
Overall Condition	Good Good
Commentary	

#### **Pictures**









E-15916-20201102170938.jpg

E-15916-20201102170928.jpg

E-15916-20201102170837.jpg

g E-15916-20201102170856.jpg

#### **Custom Details**

#### Actions

# D2010 - Plumbing Fixtures [1]

Discipline	Services - Mechanical
Category	D2010 - Plumbing Fixtures
Element Number	1
Maintenance Type	Reactive
Replacement Cost	\$574,313
Last Major Action	2004
Location/Name	Interior
Brief Description	vitreous china wall hung lavatory and water closets, flush valves, stainless steel electric water coolers with bottle fillers, showers in locker rooms, terrazzo mop basins in custodial closets. Black resin tops with integral bowl sinks in science labs.
Overall Condition Commentary	Good









E-15875-20201102155730.jpg

E-15875-20201102154036.jpg

\_\_\_\_\_

E-15875-20201102160502.jpg

# **Custom Details**

# Actions

Action Summary: Replace

Action Type	Replacement
Life Safety / Code Related?	No
Adverse Effect on Security?	No
Risk of building shut down?	No
Accessibility Related?	No
Urgency of Action?	Low
Operation / Energy Savings?	N/A
Status	Not Specified
Funding Source	
Cost	\$574,313
Year	2034
Repeat Interval	30
Action: Commentary	

# D2020 - Domestic Water Distribution [1]

Discipline	Services - Mechanical
Category	D2020 - Domestic Water Distribution
Element Number	1
Maintenance Type	Reactive
Replacement Cost	\$877,294
Last Major Action	2004
Location/Name	Interior
Brief Description	Domestic water distribution system including re-circulation piping and
	pumps.
Overall Condition	Good
Commentary	









E-15902-20201102145742.jpg

E-15902-20201102145445.jpg E-15902-20201102145508.jpg

E-15902-20201102145538.jpg

# Custom Details

# Actions

Action Summary: Replace	
Action Type	Replacement
Life Safety / Code Related?	No
Adverse Effect on Security?	No
Risk of building shut down?	No
Accessibility Related?	No
Urgency of Action?	Low
Operation / Energy Savings?	N/A
Status	Not Specified
Funding Source	
Cost	\$877,294
Year	2034
Repeat Interval	30
Action: Commentary	

# D2030 - Sanitary Waste [1]

Discipline	Services - Mechanical
Category	D2030 - Sanitary Waste
Element Number	1
Maintenance Type	Reactive
Replacement Cost	\$748,648
Last Major Action	2004
Location/Name	Interior
Brief Description	Sanitary waste system including waste and vent piping.
Overall Condition	Good
Commentary	

E-15876-20201102153859.jpg



E-15876-20201102162906.jpg

# **Custom Details**

### Actions

Action Summary: Repair

Action Type	Repair
Life Safety / Code Related?	No
Adverse Effect on Security?	No
Risk of building shut down?	No
Accessibility Related?	No
Urgency of Action?	Low
Operation / Energy Savings?	N/A
Status	Not Specified
Funding Source	
Cost	\$74,865
Year	2029
Repeat Interval	25
Action: Commentary	

# D2040 - Rain Water Drainage [1]

Discipline	Services - Mechanical	
Category	D2040 - Rain Water Drainage	
Element Number	1	
Maintenance Type	Reactive	
Replacement Cost	\$219,770	
Last Major Action	2004	
Location/Name	Interior	
Brief Description	Gutters and downspouts.	
Overall Condition	Good	
Commentary		



E-15877-20201102153420.jpg

E-15877-20201102153144.jpg

# **Custom Details**

# Actions

Action Summary: Replace	
Action Type	Replacement
Life Safety / Code Related?	No
Adverse Effect on Security?	No
Risk of building shut down?	No
Accessibility Related?	No
Urgency of Action?	Low
Operation / Energy Savings?	N/A
Status	Not Specified
Funding Source	
Cost	\$219,770
Year	2054
Repeat Interval	50
Action: Commentary	

# D2095 - Domestic Water Heaters [1]

Discipline	Services - Mechanical
Category	D2095 - Domestic Water Heaters
Element Number	1
Maintenance Type	Reactive
Replacement Cost	\$71,342
Last Major Action	2018
Location/Name	Interior
Brief Description	Electric water heater
Overall Condition	Good Good
Commentary	







E-15878-20201102144948.jpg E-15878-20201102144930.jpg

# **Custom Details**

#### Actions

Action Summary: Replace

Action Summary. Replace	
Action Type	Replacement
Life Safety / Code Related?	No
Adverse Effect on Security?	No
Risk of building shut down?	No
Accessibility Related?	No
Urgency of Action?	Low
Operation / Energy Savings?	N/A
Status	Not Specified
Funding Source	
Cost	\$71,342
Year	2033
Repeat Interval	15
Action: Commentary	

# D3025 - Primary HVAC Pumps [1]

Discipline	Services - Mechanical
Category	D3025 - Primary HVAC Pumps
Element Number	1
Maintenance Type	Reactive
Replacement Cost	\$50,540
Last Major Action	2004
Location/Name	Interior
Brief Description	Pumps associated with geothermal HVAC system
Overall Condition	Good
Commentary	



E-15882-20201102144732.jpg

**Custom Details** 

732.jpg E-15882-20201102144801.jpg

# Actions

Action Summary: Replace	
Action Type	Replacement
Life Safety / Code Related?	No
Adverse Effect on Security?	No
Risk of building shut down?	No
Accessibility Related?	No
Urgency of Action?	Low
Operation / Energy Savings?	N/A
Status	Not Specified
Funding Source	
Cost	\$50,540
Year	2029
Repeat Interval	25
Action: Commentary	

# D3034 - Packaged Air Conditioning Units [1]

Discipline	Services - Mechanical
Category	D3034 - Packaged Air Conditioning Units
Element Number	1
Maintenance Type	Reactive
Replacement Cost	\$1,963,691
Last Major Action	2004
Location/Name	Interior
Brief Description	Make-up Air and Energy Recovery Units
Overall Condition	Good
Commentary	







E-15904-20201102150634.jpg

E-15904-20201102150648.jpg E

E-15904-20201102151243.jpg

E-15904-20201102151124.jpg

# **Custom Details**

### Actions

Action Summary: Replace

Action Type	Replacement
Life Safety / Code Related?	No
Adverse Effect on Security?	No
Risk of building shut down?	No
Accessibility Related?	No
Urgency of Action?	Low
<b>Operation / Energy Savings?</b>	N/A
Status	Not Specified
Funding Source	
Cost	\$1,963,691
Year	2029
Repeat Interval	25
Action: Commentary	

# D3041 - Air Distribution Systems [1]

Discipline	Services - Mechanical
Category	D3041 - Air Distribution Systems
Element Number	1
Maintenance Type	Reactive
Replacement Cost	\$988,839
Last Major Action	2004
Location/Name	Interior
Brief Description	Metal duct
Overall Condition	Good
Commentary	









E-15883-20201102145926.jpg

E-15883-

E-15883-20201102151819.jpg

pg E-15883-20201102151856.jpg

**Custom Details** 

Actions

# D3043 - Hydronic Distribution Systems [1]

Discipline	Services - Mechanical
Category	D3043 - Hydronic Distribution Systems
Element Number	1
Maintenance Type	Reactive
Replacement Cost	\$608,899
Last Major Action	2004
Location/Name	Interior
Brief Description	Insulated supply and return water piping serving heat pumps.
Overall Condition	Good
Commentary	

**Pictures** 





E-15884-20201102150717.jpg

### **Custom Details**

ctions	
Action Summary: Replace	
Action Type	Replacement
Life Safety / Code Related?	No
Adverse Effect on Security?	No
Risk of building shut down?	No
Accessibility Related?	No
Urgency of Action?	Low
<b>Operation / Energy Savings?</b>	N/A
Status	Not Specified
Funding Source	
Cost	\$608,899
Year	2049
Repeat Interval	45
Action: Commentary	

# D3045 - Exhaust Ventilation Systems [1]

Discipline	Services - Mechanical
Category	D3045 - Exhaust Ventilation Systems
Element Number	1
Maintenance Type	Reactive
Replacement Cost	\$153,022
Last Major Action	2004
Location/Name	Interior
Brief Description	Exhaust fans & duct
Overall Condition	Good Good
Commentary	

**Pictures** 



E-15885-20201102173507.jpg

# Custom Details

Action Summary: Replace	
Action Type	Replacement
Life Safety / Code Related?	No
Adverse Effect on Security?	No
Risk of building shut down?	No
Accessibility Related?	No
Urgency of Action?	Low
<b>Operation / Energy Savings?</b>	N/A
Status	Not Specified
Funding Source	
Cost	\$153,022
Year	2034
Repeat Interval	30
Action: Commentary	

# D3060 - Controls And Instrumentation [1]

Discipline	Services - Mechanical
Category	D3060 - Controls And Instrumentation
Element Number	1
Maintenance Type	Reactive
Replacement Cost	\$336,930
Last Major Action	2004
Location/Name	Interior
Brief Description	Thermostats and building controls
Overall Condition	Good
Commentary	

#### **Pictures**







E-15886-20201102163218.jpg

E-15886-20201102161230.jpg

E-15886-20201102144548.jpg

### **Custom Details**

Action Summary: Replace	
Action Type	Replacement
Life Safety / Code Related?	No
Adverse Effect on Security?	No
Risk of building shut down?	No
Accessibility Related?	No
Urgency of Action?	Low
Operation / Energy Savings?	N/A
Status	Not Specified
Funding Source	
Cost	\$336,930
Year	2028
Repeat Interval	24
Action: Commentary	

# D4010 - Sprinklers [1]

Discipline	Services - Mechanical
Category	D4010 - Sprinklers
Element Number	1
Maintenance Type	Reactive
Replacement Cost	\$760,007
Last Major Action	2004
Location/Name	Interior
Brief Description	100% NFPA compliant fire suppression system
Overall Condition	Good
Commentary	

## Pictures









E-15887-20201102144303.jpg

E-15887-20201102150759.jpg

759.jpg E-15887-20201102152445.jpg

#### **Custom Details**

Action Summary: Replace	
Action Type	Replacement
Life Safety / Code Related?	No
Adverse Effect on Security?	No
Risk of building shut down?	No
Accessibility Related?	No
Urgency of Action?	Low
<b>Operation / Energy Savings?</b>	N/A
Status	Not Specified
Funding Source	
Cost	\$760,007
Year	2051
Repeat Interval	47
Action: Commentary	

# D5010 - Electrical Service And Distribution [1]

Discipline	Services - Electrical
Category	D5010 - Electrical Service And Distribution
Element Number	1
Maintenance Type	Reactive
Replacement Cost	\$877,677
Last Major Action	2004
Location/Name	Interior
Brief Description	Electrical service distribution.
	-Includes circuit panel and all electrical equipment.
Overall Condition	Good
Commentary	

#### Pictures









E-15889-20201102145225.jpg

E-15889-20201102145030.jpg

E-15889-20201102145211.jpg

E-15889-20201102145103.jpg

#### **Custom Details**

Action Summary: Replace	
Action Type	Replacement
Life Safety / Code Related?	No
Adverse Effect on Security?	No
Risk of building shut down?	No
Accessibility Related?	No
Urgency of Action?	Low
Operation / Energy Savings?	N/A
Status	Not Specified
Funding Source	
Cost	\$877,677
Year	2034
Repeat Interval	30
Action: Commentary	

# D5021 - Branch Wiring [1]

Discipline	Services - Electrical
Category	D5021 - Branch Wiring
Element Number	1
Maintenance Type	Reactive
Replacement Cost	\$1,534,818
Last Major Action	2004
Location/Name	Interior
Brief Description	Branch wiring devices and components.
	<ul> <li>Include wiring, conduit, equipment connections, receptacles and switches.</li> </ul>
Overall Condition	Good
Commentary	Branch wiring is expected to have a serviceable life that greatly exceeds 15 years.

# Pictures







E-15890-20201102154352.jpg



E-15890-20201102154403.jpg

E-15890-20201102145354.jpg

E-15890-20201102150533.jpg

\_\_\_\_\_

# **Custom Details**

tions	
Action Summary: Repair	
Action Type	Repair
Life Safety / Code Related?	No
Adverse Effect on Security?	No
Risk of building shut down?	No
Accessibility Related?	No
Urgency of Action?	Low
Operation / Energy Savings?	N/A
Status	Not Specified
Funding Source	
Cost	\$153,482
Year	2030
Repeat Interval	15
Action: Commentary	

# D5022 - Lighting Equipment [1]

Discipline	Services - Electrical
Category	D5022 - Lighting Equipment
Element Number	1
Maintenance Type	Reactive
Replacement Cost	\$1,627,602
Last Major Action	2004
Location/Name	Interior
Brief Description	T5 fluorescent 2x4 lay-in light fixtures in most locations. LED lighting in
	the Gym, CFL lamps in can lighting in selected areas. Occupancy
	sensors are used for energy control.
Overall Condition	Good

# Overall Condition Commentary

### Pictures









E-15903-20201102155957.jpg

E-15903-20201102155350.jpg

E-15903-20201102151150.jpg E-15903-20201102151210.jpg

Jg L-13903-202011021

# **Custom Details**

tions	
Action Summary: Replace	
Action Type	Replacement
Life Safety / Code Related?	No
Adverse Effect on Security?	No
Risk of building shut down?	No
Accessibility Related?	No
Urgency of Action?	Low
<b>Operation / Energy Savings?</b>	N/A
Status	Not Specified
Funding Source	
Cost	\$1,627,602
Year	2029
Repeat Interval	25
Action: Commentary	

# D5032 - Intercommunications And Paging [1]

Discipline	Services - Electrical
Category	D5032 - Intercommunications And Paging
Element Number	1
Maintenance Type	Reactive
Replacement Cost	\$356,840
Last Major Action	2004
Location/Name	Interior
Brief Description	Dukane central intercom system with speakers in all rooms
Overall Condition	Good
Commentary	

### **Pictures**









E-15891-20201102155443.jpg

E-15891-20201102155251.jpg

E-15891-20201102150815.jpg

E-15891-20201102152035.jpg

#### **Custom Details**

Action Summary: Replace	
Action Type	Replacement
Life Safety / Code Related?	No
Adverse Effect on Security?	No
Risk of building shut down?	No
Accessibility Related?	No
Urgency of Action?	Low
<b>Operation / Energy Savings?</b>	N/A
Status	Not Specified
Funding Source	
Cost	\$356,840
Year	2029
Repeat Interval	25
Action: Commentary	

# D5033 - Telephone Systems [1]

Discipline	Services - Electrical
Category	D5033 - Telephone Systems
Element Number	1
Maintenance Type	Reactive
Replacement Cost	\$165,402
Last Major Action	2004
Location/Name	Interior
Brief Description	Voice over internet protocol - all classrooms have phones
Overall Condition	Good
Commentary	

#### Pictures



E-15892-20201102145714.jpg

# Custom Details

Actions

# D5036 - Clock & Program System [1]

Discipline	Services - Electrical
Category	D5036 - Clock & Program System
Element Number	1
Maintenance Type	Reactive
Replacement Cost	\$464,045
Last Major Action	2004
Location/Name	Interior
Brief Description	Synchronized GPS system - Primex
Overall Condition	Good
Commentary	

#### Pictures



E-15893-20201102154620.jpg



E-15893-20201102160037.jpg



E-15893-20201102160943.jpg



E-15893-20201102164106.jpg

#### **Custom Details**

# Actions

Action Summary: Replace	
Action Type	Replacement
Life Safety / Code Related?	No
Adverse Effect on Security?	No
Risk of building shut down?	No
Accessibility Related?	No
Urgency of Action?	Low
Operation / Energy Savings?	N/A
Status	Not Specified
Funding Source	
Cost	\$464,045
Year	2029
Repeat Interval	25
Action: Commentary	

# D5037 - Fire Alarm System [1]

Discipline	Services - Electrical
Category	D5037 - Fire Alarm System
Element Number	1
Maintenance Type	Reactive
Replacement Cost	\$436,350
Last Major Action	2004
Location/Name	Interior
Brief Description	Notifier addressable fire alarm system maintained by Koorsen
Overall Condition	Good
Commentary	

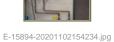
#### Pictures







E-15894-20201102152101.jpg



94-20201102155517.jpg

54234.Jpg

E-15894-20201102160739.jpg

# **Custom Details**

Actions

Action Summary: Replace	
Action Type	Replacement
Life Safety / Code Related?	No
Adverse Effect on Security?	No
Risk of building shut down?	No
Accessibility Related?	No
Urgency of Action?	Low
<b>Operation / Energy Savings?</b>	N/A
Status	Not Specified

Funding Source		
Cost	\$436,350	
Year	2029	
Repeat Interval	25	
Action: Commentary		

Discipline	Services - Electrical
Category	D5038 - Security Systems
Element Number	1
Maintenance Type	Reactive
Replacement Cost	\$791,403
Last Major Action	2004
Location/Name	Interior
Brief Description	Card entry access control system at main entry & other select exterior doors. Aiphone intercom at security vestibule. Bullet resistant glass and wall panel assemblies in secure vestibule installed in 2019. Building intrusion system including CC cameras
Overall Condition Commentary	Good Good









E-15895-20201102154704.jpg E-15895-20201102154307.jpg

E-15895-20201102144511.jpg

E-15895-20201102152617.jpg

# **Custom Details**

Action Summary: Replace	
Action Type	Replacement
Life Safety / Code Related?	No
Adverse Effect on Security?	No
Risk of building shut down?	No
Accessibility Related?	No
Urgency of Action?	Low
<b>Operation / Energy Savings?</b>	N/A
Status	Not Specified
Funding Source	
Cost	\$791,403
Year	2029
Repeat Interval	25
Action: Commentary	

# D5091 - Exit & Emergency Light Systems [1]

Discipline	Services - Electrical
Category	D5091 - Exit & Emergency Light Systems
Element Number	1
Maintenance Type	Reactive
Replacement Cost	\$14,656
Last Major Action	2004
Location/Name	Interior
Brief Description	Exit signs and emergency lighting.
Overall Condition	Good
Commentary	

#### **Pictures**









E-15896-20201102154554.jpg

E-15896-20201102155121.jpg

E-15896-20201102163251.jpg

E-15896-20201102165147.jpg

# **Custom Details**

Action Summary: Replace	
Action Type	Replacement
Life Safety / Code Related?	No
Adverse Effect on Security?	No
Risk of building shut down?	No
Accessibility Related?	No
Urgency of Action?	Low
Operation / Energy Savings?	N/A
Status	Not Specified
Funding Source	
Cost	\$14,656
Year	2029
Repeat Interval	25
Action: Commentary	

# D5092 - Emergency Power & Generation Systems [1]

Discipline	Services - Electrical
Category	D5092 - Emergency Power & Generation Systems
Element Number	1
Maintenance Type	Reactive
Replacement Cost	\$112,565
Last Major Action	2004
Location/Name	Interior
Brief Description	This school does not have an emergency generator. Code required emergency lighting is powered by batteries.
Overall Condition	Good

# Commentary

### Pictures

**Custom Details** 

#### Actions

Action Summary: Replace	
Action Type	Replacement
Life Safety / Code Related?	No
Adverse Effect on Security?	No
Risk of building shut down?	No
Accessibility Related?	No
Urgency of Action?	Low
<b>Operation / Energy Savings?</b>	N/A
Status	Not Specified
Funding Source	
Cost	\$112,565
Year	2034
Repeat Interval	30
Action: Commentary	

# E1010 - Kitchen Equipment [1]

Discipline	Equipment and Furnishings
Category	E1010 - Kitchen Equipment
Element Number	1
Maintenance Type	Reactive
Replacement Cost	\$1,289,140
Last Major Action	2004
Location/Name	Interior
Brief Description	Equipment includes walk in cooler and freezer, 2 compartment sink, 3 compartment sink, range hood exhaust and fire suppression, combi ovens, steamer, convection ovens, kettle, commercial mixer, 3 serving lines, milk coolers and warming/holding cabinets.
Overall Condition Commentary	Good Good









E-15906-20201102153818.jpg

E-15906-20201102153710.jpg E-15906-20201102153716.jpg

E-15906-20201102153636.jpg

**Custom Details** 

### Actions

Action Summary: Replace	
Action Type	Replacement
Life Safety / Code Related?	No
Adverse Effect on Security?	No
Risk of building shut down?	No
Accessibility Related?	No
Urgency of Action?	Low
Operation / Energy Savings?	N/A
Status	Not Specified
Funding Source	
Cost	\$1,289,140
Year	2034
Repeat Interval	30
Action: Commentary	

# G2010 - Roadways [1]

Discipline	Building Sitework
Category	G2010 - Roadways
Element Number	1
Maintenance Type	Reactive
Replacement Cost	\$864,787
Last Major Action	2004
Location/Name	Site
Brief Description	Asphalt roadway surfacing.
Overall Condition	Good Good
Commentary	





E-15907-20201102171742.jpg E-15907-20201102171734.jpg

### **Custom Details**

#### Actions

Action Summary: Replace

Action Summary. Replace	
Action Type	Replacement
Life Safety / Code Related?	No
Adverse Effect on Security?	No
Risk of building shut down?	No
Accessibility Related?	No
Urgency of Action?	Low
Operation / Energy Savings?	N/A
Status	Not Specified
Funding Source	
Cost	\$864,787
Year	2034
Repeat Interval	30
Action: Commentary	

# G2020 - Parking Lots [1]

Discipline	Building Sitework
Category	G2020 - Parking Lots
Element Number	1
Maintenance Type	Reactive
Replacement Cost	\$289,454
Last Major Action	2004
Location/Name	Site
Brief Description	Asphalt parking lot surfacing.
Overall Condition	Good Good
Commentary	



E-15908-20201102152853.jpg







E-15908-20201102172652.jpg

E-15908-20201102171755.jpg

# **Custom Details**

#### Actions

Action Summary: Replace

Action Type	Replacement
Life Safety / Code Related?	No
Adverse Effect on Security?	No
Risk of building shut down?	No
Accessibility Related?	No
Urgency of Action?	Low
Operation / Energy Savings?	N/A
Status	Not Specified
Funding Source	
Cost	\$289,454
Year	2034
Repeat Interval	30
Action: Commentary	

# G2030 - Pedestrian Paving [1]

Discipline	Building Sitework
Category	G2030 - Pedestrian Paving
Element Number	1
Maintenance Type	Reactive
Replacement Cost	\$410,442
Last Major Action	2004
Location/Name	Site
Brief Description	Concrete pedestrian walkways.
Overall Condition	Good
Commentary	







E-15909-20201102172907.jpg

E-15909-20201102152901.jpg E-15909-20201102171814.jpg

### **Custom Details**

#### Actions

Action Summary: Replace

Action outlind y.	
Action Type	Replacement
Life Safety / Code Related?	No
Adverse Effect on Security?	No
Risk of building shut down?	No
Accessibility Related?	No
Urgency of Action?	Low
Operation / Energy Savings?	N/A
Status	Not Specified
Funding Source	
Cost	\$410,442
Year	2034
Repeat Interval	30
Action: Commentary	

# G2040 - Site Development [1]

Discipline	Building Sitework
Category	G2040 - Site Development
Element Number	1
Maintenance Type	Reactive
Replacement Cost	\$1,905,186
Last Major Action	2004
Location/Name	Site
Brief Description	Flagpole, marquis, landscaping, covered bus drop-off and pick-up, baseball field with bleachers and dugouts, practice football/soccer field.
Overall Condition Commentary	Good



E-15910-20201102152825.jpg







E-15910-20201102170708.jpg

E-15910-20201102170740.jpg

# **Custom Details**

#### Actions

Action Summary: Replace

Action Type	Replacement
Life Safety / Code Related?	No
Adverse Effect on Security?	No
Risk of building shut down?	No
Accessibility Related?	No
Urgency of Action?	Low
<b>Operation / Energy Savings?</b>	N/A
Status	Not Specified
Funding Source	
Cost	\$1,905,186
Year	2034
Repeat Interval	30
Action: Commentary	

# G2049-A - Garbage Area & Structure [1]

Discipline	Building Sitework
Category	G2049-A - Garbage Area & Structure
Element Number	1
Maintenance Type	Reactive
Replacement Cost	\$7,504
Last Major Action	2004
Location/Name	Site
Brief Description	3 sided masonry enclosure with chain link/wood gates
Overall Condition	Good
Commentary	





E-15912-20201102152635.jpg E-15912-20201102152650.jpg

### **Custom Details**

#### Actions

<b>Action Summary</b>	Replace
-----------------------	---------

<u>Autoriori outilitary.</u>	
Action Type	Replacement
Life Safety / Code Related?	No
Adverse Effect on Security?	No
Risk of building shut down?	No
Accessibility Related?	No
Urgency of Action?	Low
Operation / Energy Savings?	N/A
Status	Not Specified
Funding Source	
Cost	\$7,504
Year	2034
Repeat Interval	30
Action: Commentary	

# G3010 - Water Supply [1]

Discipline	Building Sitework
Category	G3010 - Water Supply
Element Number	1
Maintenance Type	Reactive
Replacement Cost	\$80,021
Last Major Action	2004
Location/Name	Site
Brief Description	Water supply distribution for the site.
Overall Condition	Good
Commentary	
Pictures	

**Custom Details** 

### Actions

Action Summary: Replace	
Action Type	Replacement
Life Safety / Code Related?	No
Adverse Effect on Security?	No
Risk of building shut down?	No
Accessibility Related?	No
Urgency of Action?	Low
Operation / Energy Savings?	N/A
Status	Not Specified
Funding Source	
Cost	\$80,021
Year	2034
Repeat Interval	30
Action: Commentary	

# G3020 - Sanitary Sewer [1]

Discipline	Building Sitework
Category	G3020 - Sanitary Sewer
Element Number	1
Maintenance Type	Reactive
Replacement Cost	\$263,801
Last Major Action	2004
Location/Name	Site
Brief Description	Sanitary disposal system for the site.
Overall Condition	Good Good
Commentary	

### Pictures



E-15913-20201102153058.jpg

Custom Details	
Actions	
Action Summary: Replace	
Action Type	Replacement
Life Safety / Code Related?	No
Adverse Effect on Security?	No
Risk of building shut down?	No
Accessibility Related?	No
Urgency of Action?	Low
<b>Operation / Energy Savings?</b>	N/A
Status	Not Specified

Funding Source	
Cost	\$263,801
Year	2054
Repeat Interval	50
Action: Commentary	

# G3030 - Storm Sewer [1]

Discipline	Building Sitework
Category	G3030 - Storm Sewer
Element Number	1
Maintenance Type	Reactive
Replacement Cost	\$223,216
Last Major Action	2004
Location/Name	Site
Brief Description	Storm water collection including manholes and water collection.
Overall Condition	Good
Commentary	

### Pictures









E-15914-20201102172138.jpg

E-15914-20201102172207.jpg E-15914-20201102172112.jpg

E-15914-20201102171941.jpg

# **Custom Details**

Action Summary	<u>/:</u>	Replace
----------------	-----------	---------

Action Type	Replacement
Life Safety / Code Related?	No
Adverse Effect on Security?	No
Risk of building shut down?	No
Accessibility Related?	No
Urgency of Action?	Low
Operation / Energy Savings?	N/A
Status	Not Specified
Funding Source	
Cost	\$223,216
Year	2054
Repeat Interval	50
Action: Commentary	

# G4020 - Site Lighting [1]

Discipline	Building Sitework
Category	G4020 - Site Lighting
Element Number	1
Maintenance Type	Reactive
Replacement Cost	\$24,364
Last Major Action	2004
Location/Name	Site
Brief Description	Pole mounted site lighting.
Overall Condition	Good
Commentary	

#### **Pictures**







E-15915-20201102175614.jpg

E-15915-20201102152925.jpg

E-15915-20201102173013.jpg

### **Custom Details**

Action Summary: Replace		
Action Type	Replacement	
Life Safety / Code Related?	No	
Adverse Effect on Security?	No	
Risk of building shut down?	No	
Accessibility Related?	No	
Urgency of Action?	Low	
<b>Operation / Energy Savings?</b>	N/A	
Status	Not Specified	
Funding Source		
Cost	\$24,364	
Year	2034	
Repeat Interval	30	
Action: Commentary		

#### CA Report as of 2020-12-01 12:35:42

# G4020 - Site Lighting [2]

Discipline	Building Sitework
Category	G4020 - Site Lighting
Element Number	2
Maintenance Type	Reactive
Replacement Cost	\$24,364
Last Major Action	2004
Location/Name	Exterior
Brief Description	Exterior building mounted lighting.
Overall Condition	Good
Commentary	

### Pictures







E-15918-20201102153306.jpg



E-15918-20201102163113.jpg

\_\_\_\_\_

E-15918-20201102144429.jpg

#### **Custom Details**

Action Summary:	Replace	
Action Type		Replacement
Life Safety / Code Rel	ated?	No
Adverse Effect on Sec	curity?	No
Risk of building shut	down?	No
Accessibility Related	?	No
Urgency of Action?		Low
<b>Operation / Energy Sa</b>	avings?	N/A
Status		Not Specified
Funding Source		
Cost		\$24,364
Year		2034
Repeat Interval		30
Action: Commentary		