# FINAL PRIORITY MAINTENANCE NEEDS

## Shawano School District

**Shawano, Wisconsin**

**June 3, 2024**

Hoffman

| Item | School | Project Component | Urgency (1 = 0-1 Years, 2 = 1-5 Years, 3 = 5- 10 years, 4 = 10+ Years) | Budget |
|---|---|---|---|---|
| Elec | HPS | Rework SPD at main switchboard. | 1 | $1,619 |
| Elec | HPS | Consider replacement existing T-8 fixtures with LED (include daylight sensors removed) | 1 | $1,173,479 |
| Elec | HPS | Metal halide exterior pole fixtures replaced with LED | 1 | $24,279 |
| Elec | HPS | Replace existing fire alarm control panel | 1 | $40,465 |
| Envl | HPS | Replace failed sealants at storefronts, windows, precast, & metal panels | 1 | $48,558 |
| Envl | HPS | Evaluate/Address cracked brick at top of window | 1 | $9,712 |
| Envl | HPS | Replace corroded trim at HM service doors. Paint weathered doors & frames | 1 | $40,465 |
| Envl | HPS | Remove, reinstall, and seal inside corner trim at penthouses. | 1 | $8,093 |
| Envl | HPS | Address the open electrical box at the penthouse door | 1 | $1,214 |
| HVAC | HPS | Replace controller boards for Multistack geothermal heat pump | 1 | $6,474 |
| Plbg | HPS | Pre-K area - Hot water circulation piping and pump | 1 | $3,237 |
| Plbg | HPS | Replace 2009 water heater | 1 | $32,372 |
| Site | HPS | Replace cracked & deteriorated sections of concrete | 1 | $291,346 |
| Site | HPS | Install new sidewalk between upper parking lots | 1 | $38,361 |
| | | | | **$1,719,672** |
| Arch | OBIS | Make toilet rooms accessible | 1 | $1,456,732 |
| Arch | OBIS | Replace casework | 1 | $106,827 |
| Elec | OBIS | Replace the main switchboard | 1 | $242,789 |
| Elec | OBIS | Recommend a type 1 or 2 surge protective device for both electrical services | 1 | $32,372 |
| Elec | OBIS | Replace Westinghouse panelboards (6) | 1 | $48,558 |
| Elec | OBIS | Replace exit signs | 1 | $404,648 |
| Elec | OBIS | Entire building to EBU's for egress lighting and batteries for fire alarm cp | 1 | $64,744 |
| Elec | OBIS | Replacement of existing T-8 fixtures throughout with LED flat-panels | 1 | $841,667 |
| Envl | OBIS | Clean, prime & paint corroded AHU steel and gas piping | 1 | $16,186 |
| Envl | OBIS | 1954 - paint the HSS window and door members | 1 | $24,279 |
| Envl | OBIS | 1992- wall at gas meter-replaced with cap with thru-wall flashing | 1 | $2,428 |
| Envl | OBIS | 2010- Clean, prime, & paint corroded ladder steel & window openings. | 1 | $8,093 |
| Envl | OBIS | 2010- address the wall openings at the two pipes | 1 | $4,046 |
| Envl | OBIS | 2010- restore areas of missing roof ballast | 1 | $12,139 |
| Envl | OBIS | 2010-stack vent boots should have SS band install to secure top. | 1 | $4,046 |
| Envl | OBIS | 2010- replace failed HM doors and address corroded frames | 1 | $32,372 |
| Envl | OBIS | 2010- replace damaged chiller piping insulation&cover. | 1 | $4,046 |
| Envl | OBIS | 2010- Replace failed sealants where noted. | 1 | $24,279 |
| Envl | OBIS | Repair windows - Screens and sealants | 1 | $35,609 |
| HVAC | OBIS | Plans should be made to replace the three boilers | 1 | $364,183 |
| HVAC | OBIS | Replace ait handling units serving commons and art/music | 1 | $323,718 |
| Plbg | OBIS | Plaster traps added to art room sinks as funds become available | 1 | $3,237 |
| Plbg | OBIS | Temperature gauges should be installed in the hot water supply line | 1 | $8,093 |

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| Site | OBIS | Replace cracked & deteriorated sections of concrete | 1 | $194,231 |
| Site | OBIS | Replace cracked & deteriorated sections of asphalt | 1 | $497,717 |
| Site | OBIS | Fence in Electrical transformer at north service road | 1 | $12,139 |
| | | | | **$4,769,179** |
| Elec | SCMS | Replace Trubmull Panel in Cafeteria | 1 | $8,093 |
| Elec | SCMS | Replace Panel NA (Cutler Hammer) | 1 | $8,093 |
| Envl | SCMS | Replace roofs due for replacement in the next 5 years (IRS Survey) - Roof 9 | 1 | $903,400 |
| Envl | SCMS | Replace roofs due for replacement in the next 5 years (IRS Survey) - Roofs 2, 3, 4, 12, 13, 17, 18, 19 | 1 | $1,574,106 |
| Envl | SCMS | 1954- Remove and replace failed sealants throughout the building | 1 | $24,279 |
| Envl | SCMS | 1954- Provide additional membrane protection where upper roof drain to lower roof | 1 | $12,139 |
| Envl | SCMS | 1954- Paint HM doors and frames. Install sealant where missing at perimeter of frames | 1 | $64,744 |
| Envl | SCMS | 1954- Paint the overhead door and replace the broken window pane | 1 | $4,046 |
| Envl | SCMS | 1961- Replace failed sealants | 1 | $24,279 |
| Envl | SCMS | 1967- Address corroded electrical junction box | 1 | $2,428 |
| Envl | SCMS | 1967- Replace failed sealants throughout | 1 | $24,279 |
| Site | SCMS | Address missing shingles at the NE storage building along with trim | 1 | $8,093 |
| | | | | **$2,657,978** |
| Arch | SCHS | Replace doors | 1 | $665,646 |
| Arch | SCHS | Replace hardware | 1 | $26,707 |
| Arch | SCHS | Replace windows | 1 | $485,577 |
| Arch | SCHS | Update stage rigging | 1 | $283,253 |
| Arch | SCHS | Locker Replacement (6 locker rooms and staff) | 1 | $274,060 |
| Elec | SCHS | Replace Metals shop transformer and separate area from the surrounding environment | 1 | $8,093 |
| Elec | SCHS | Seal exterior electrical conduit | 1 | $8,093 |
| Elec | SCHS | Complete an Arc Flash study with a third party | 1 | $40,465 |
| Elec | SCHS | Replace generator, transfer switch and main panel | 1 | $121,394 |
| Elec | SCHS | Replace T-8 fixtures with LED | 1 | $2,071,797 |
| Elec | SCHS | Replace lighting controls | 1 | $1,243,078 |
| Elec | SCHS | Update Auditorium theatrical lighting | 1 | $242,789 |
| Elec | SCHS | Update Auditorium sound and video system | 1 | $526,042 |
| Elec | SCHS | Update Auditorium house lighting | 1 | $84,976 |
| Elec | SCHS | Update Auditorium emergency lighting | 1 | $40,465 |
| Envl | SCHS | Anticipate White SPM roof at area 8 replacement in 3-5 yrs. | 1 | $157,813 |
| Envl | SCHS | Replace failed sealants at storefronts, windows, precast panel joints & parapet caps | 1 | $108,446 |
| Envl | SCHS | Prepare, prime, and paint existing corroded steel elements | 1 | $38,846 |
| Envl | SCHS | Finish paint the roof scuttle | 1 | $2,428 |
| Envl | SCHS | Replace damaged flashings and parapet caps | 1 | $53,414 |

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| Envl | SCHS | Replace damaged OH door panels and seals. Paint jamb frames | 1 | $8,093 |
| Envl | SCHS | Review, prep, prime, and paint corroded door frames if corrosion hasn't significantly reduced steel section. Otherwise replace. Paint doors that are weathered | 1 | $24,279 |
| Envl | SCHS | Replace corroded hinges throughout | 1 | $36,418 |
| Envl | SCHS | Remove the two aluminum roof access ladders and install appropriate ladders | 1 | $32,372 |
| Envl | SCHS | Replace damaged and missing window screens | 1 | $33,990 |
| Envl | SCHS | Rework the base flashing on the gooseneck vent & at the roof #11 pipe penetration | 1 | $1,619 |
| Envl | SCHS | Replace the deteriorated plywood at the duct stand | 1 | $3,885 |
| Envl | SCHS | Repair the damaged soffit | 1 | $8,093 |
| Envl | SCHS | Repair pipe penetrations through precast wall panel at chiller. | 1 | $2,428 |
| Envl | SCHS | Address the loose electrical outlet | 1 | $1,214 |
| HVAC | SCHS | Replace the boilers and pumps | 1 | $1,278,687 |
| HVAC | SCHS | Humidification system for wood shop and performing arts areas | 1 | $258,975 |
| HVAC | SCHS | Replace Dust collector | 1 | $323,718 |
| HVAC | SCHS | Replace Air handling units, rooftop units, and heating and ventilating units | 1 | $2,266,028 |
| HVAC | SCHS | Replace heat exchangers & boilers serving the pool, VFDs, chillers, and assoc. pumps | 1 | $2,872,999 |
| HVAC | SCHS | Update to digital controls | 1 | $809,296 |
| HVAC | SCHS | Provide open protocol BAS district wide. Commission HVAC systems | 1 | $80,930 |
| HVAC | SCHS | Plans should be made to replace ductwork insulation in areas of failure | 1 | $242,789 |
| HVAC | SCHS | Vehicle Exhaust ventilation system replacement (Auto Shop) | 1 | $40,465 |
| HVAC | SCHS | Improve paint exhaust | 1 | $24,279 |
| Plbg | SCHS | Water meter shows signs of corrosion. Coordinate replacement with water utility | 1 | $4,046 |
| Plbg | SCHS | Sinks in wood, metals, and auto shops should be replaced with new ss fixtures | 1 | $16,186 |
| Site | SCHS | Replace cracked & deteriorated sections of concrete | 1 | $27,516 |
| Site | SCHS | Existing electrical transformer should be enclosed by fencing | 1 | $12,139 |
| Site | SCHS | Paint exterior steel components that are corroded | 1 | $32,372 |
| | | | | **$14,926,195** |
| | | | **Total** | **$24,073,025** |