



Project Update

June 23, 2015

Rib Lake Area School District

Facility Upgrades 2015

Project Status

- Building Envelope Improvements including spray foam installation at the roof and wall transitions will begin during the week of June 29th. Work will be completed as allowed and around summer school and summer activities.
- Roofing materials have been delivered to the site and are currently stored on the east side of the parking lot. Materials include polyisocyanurate insulation and new EPDM rubber membrane. Roof upgrades are well underway and will continue throughout most of the summer. The Elementary School will undergo a study to determine areas in need of repair. Necessary repairs to the Elementary School will also occur this summer.
- Operable windows in the Middle School and at the High School have encountered a delay from the manufacturer and will not be installed until the middle of September. Surrounding aluminum framing and components will be installed prior to the start of the school year
- Equipment and materials such as air handling units, classroom unit ventilators, and old ductwork is being removed from the High School and Middle School to be replaced with energy efficient equipment that will provide improved air quality. Coredrilling is being completed above the ceiling to accommodate additional air distribution ducts. Duct and equipment layouts are being determined and new duct installation is underway.
- Electrical has been disconnected from existing equipment that will be replaced. New panelboards are being installed to accommodate new switchgear for the upgraded HVAC Equipment. Electrical Conduit is being installed to new HVAC equipment locations. Other electrical work is scheduled to be completed this summer including placing the IT equipment on the existing generators.
- Water heaters have been delivered and installation has begun in the High School. Other installation dates at the Middle School and Elementary School are being determined based on the school hot water needs throughout the summer.
- Biomass Boiler – Messersmith Manufacturing, Inc. has nearly completed the boiler room layout and the remaining engineering. Some of the piping related to the boiler project will begin at the end of July. Expected boiler delivery and installation is November of 2015 with completion of the system ready for the 2015/2016 winter heating season.

Progress Photos:

- Can be seen on the following page.



Most of the classroom Unit Ventilators have been removed in the Middle School.



New ductwork in the Middle School will be installed during the month of July.



The removal of some unit ventilators has been challenging but surrounding materials will be replaced following the installation of new equipment.



An old Air Handling Unit past its useful life will be replaced with new energy efficient equipment improving indoor air quality.



New sheet metal HVAC ductwork will be properly sized to accommodate new HVAC Equipment



An old removed control panel. Electrical and equipment controls will be upgraded.