



Project Update

August 20, 2015

Rib Lake Area School District

Facility Upgrades 2015

Overview

With deadlines rapidly approaching, facility improvement progress continues. Many projects are complete and others are in the final stages. HVAC, related electrical work, and roofing will continue up to the beginning of the school year. Removal and replacement of the windows at the Middle School and some areas of the High School will occur in Early October. The biomass boiler upgrade will be complete this fall in time for the heating season. Other projects such as improvements to the building shell and plumbing upgrades are complete.

Project Summary

- HVAC – Sheet metal air distribution ductwork is complete in the High School and Middle School. Duct insulation is being completed now in addition to final installation of new thermostats, controllers, and valves and associated control wiring. Some equipment has arrived and has been tied into new ductwork. Other equipment will be arriving in late August including new classroom unit ventilators.
- Roofing – The removal of old roof system and subsequent new roofing systems are generally complete. Flashing details and transition details are still underway in addition to installing the architectural sheet metal details at the roof edge.
- Building Envelope Improvements – Overall building performance will be improved at all three schools as building material transitions have been insulated with expandable spray foam insulation. These improvements also include replacing the weather stripping and door sweeps at exterior doors.
- Biomass Boiler – The removal of the existing boiler equipment and associated piping is underway. An access has been installed on the east side of the boiler room for removal of existing equipment and so that new equipment can be installed. A new overhead door will be installed in this area. A new cast in place concrete wood chip unloading area has been installed on the south side of the boiler room. Anticipated completion for the boiler work is expected to be this fall and ready for the upcoming heating season.

Upcoming work:

Work will continue this fall related to HVAC, specifically in training and instruction to school staff, testing and balancing air and water systems and making programming adjustments to the new building controls. Other work that can be expected includes removal and replacement of windows in the Middle and High Schools, and completion of the biomass boiler upgrades.

Progress Photos:

- Can be seen on the following page.



New digital controls are being installed on existing equipment.



Weatherstripping has been installed on doors improving overall building performance.



A section of completed roof at the High School.



New Roof top HVAC unit at the Middle School



A new air handling unit above the stage is currently being completed.



Exterior caulking has failed but has been replaced and properly installed on all three schools.