

Lincoln High School Addition



Near Thief River Falls, Minnesota

Year Completed: 2013

Electrical Construction: \$1.8 M

Project Manager: Russ Penn

Area Supervisor: Chad Bottem

Foreman: Kevin Westerberg

Architect: Architectural Resources

General Contractor: Peterson Construction

The \$9.8 Million Thief River Falls High School project remodeled 56,000 square feet of existing classrooms and added 12,000 square feet, including a new commons area that joined two existing wings of the building.

Bergstrom Electric provided electrical construction services for Phase 1 of the project (the additions) and also installed the new fire alarm system and wiring for the Johnson Controls DDC Control Systems in both phases. Crews started on the project in May of 2012

Because Bergstrom Electric provides all the service work for the buildings in the school district, the company is very familiar with the existing electrical service. This became very valuable during the initial stages of the project, when Bergstrom staff was able to review the electrical plans, point out potential conflicts and problems, and then suggest alternatives.

The project involved completely removing and replacing the two existing electrical services to the



building - a 2000 amp 277/480 volt service and a 1200 amp 120/208 volt service. Bergstrom crews installed 42,000 feet of conduit and almost 250,000 feet of wire. There were 1,168 light fixtures installed in the remodel and additions.

One challenge involved the existing feeder circuits which ran underground between the two wings of the school where the new commons area was to be built. A new plan was formulated to re-feed the existing panels in the existing locations, while also providing new feeders via new routing, which still had to go under the slab that would be poured for the new commons area.

The project required about 600 man-hours a week over the summer of 2012, to get as much work done as possible during the summer months.

The first phase of the project (the additions) was completed in August of 2012 and the remodeled portions was completed in August of 2013, just in time for Lincoln High School students to start the new school year.



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