

Philadelphia Macaroni Facility Additions



Grand Forks, North Dakota
Electrical Construction: \$284,000
Year Completed: 2010
Project Manager: Jamie Dietzler
Project Foremen: Don Votova
Wayne Knutson
General Contractor: ICS, Inc.



Bergstrom Electric was proud to be the Electrical Contractor chosen for both recent (Design/Build) additions to the Philadelphia Macaroni Facility in Grand Forks.

Jamie Dietzler and David Lawson (Cad-Design) immediately started with preliminary plans of the projects and worked closely with the Owner's to design the electrical system and layout that would fit their needs and expectations.

- The first project was a 55,000 square foot warehouse addition, started in August of 2009 and completed in December of that year. Bergstrom crews installed a new 800 amp/480 volt electrical service for the addition and to power some associated machines. They also extended the fire alarm system from the plant into the warehouse. Numerous owner-requested change orders almost doubled the contract size of the project, but Bergstrom was able to keep on schedule with a peak crew of 10 men on the job. The electrical construction took approximately 1600 man-hours to complete.
- The second project was an 11,700 square foot Railcar Unloading Facility that was started in the fall of 2009 and was large enough to pull 6 railcars into the building at a time. It also included an air system to blow flour from the rail car facility to the

main plant (about 100 feet away). Bergstrom crews installed a 400 amp/480 volt electrical service to power this building and worked closely with PCI Controls to wire the considerable amount of controls in the building correctly. It took Bergstrom's crew approximately 1400 man-hours to complete the project.

Philadelphia Macaroni representatives requested aluminum rigid conduit for both projects. Although not very common in the electrical contracting industry, the conduit is used in food handling facilities. Bergstrom crews have had previous experience with this material and were able to install the conduit with no problems.

