

Grand Forks Public Works Remodel/Addition



Grand Forks, North Dakota

Electrical Construction: \$271,000

Year Completed: 2011

Project Manager: Russ Penn

Project Foremen: Adam Mack

Owner: City of Grand Forks

Architect: EAPC

This \$2 million project at the Grand Forks Public Works facility added a new entry and elevator and remodeled 12,300 square feet of existing space. Bergstrom was the electrical contractor for the job and started work in May of 2010.

Bergstrom crews added additional panels to the existing electrical system, modified existing panels as needed and added circuits as required. The fire alarm system panel was completely replaced and updated.

Although not a large project, the remodel was complex as electricians had to sort out existing circuits that were to be reused and ensure that they were not connected to other, existing equipment. The facility is also the communications hub for the city and there were extensive meetings with City of Grand Forks IT department representatives and the communications subcontractor to confirm correct procedures and that existing cabling didn't get removed during the demolition phase.

One of the most unique aspects of the job was the owner-requested power and communications under



the center of the floor desk location in one office. Unfortunately, the plans never showed power or communications in that location and although the room was almost completely done, the furniture layout had not been finalized. To avoid ripping out sheet rock and the concrete floor, Bergstrom utilized an under-carpet power and data system, which is an approved installation as long as carpet squares are installed. Although most electricians in this region have little experience with the product, Bergstrom's Project Manager Russ Penn had seen the product utilized several times when he worked on the West Coast. The installation went smoothly and was much less expensive than traditional methods of cutting the floor and installing floor boxes. The owner was very pleased with the solution.

It took Bergstrom 3,050 man-hours to complete the job, which was finished in January of 2011.



**BERGSTROM
ELECTRIC, INC.**