

# ND National Guard Readiness Center Addition



## Devils Lake, North Dakota

**Year Completed:** 2012

**Electrical Construction:** \$1.7 M

**Project Manager:** Vern Thingvold

**Project Foreman:** Rudy Luczak

**Architect:** Joseph P. Larrivee Architects

**Electrical Engineer:** Ulteig Engineers

**General Contractor:** Comstock Construction

Located at Camp Gilbert C. Grafton in Devils Lake, North Dakota, the Readiness Center is used to prep National Guard troops for deployment. This latest Addition/Alteration project remodeled about 38,000 square feet of the existing structure and included a 65,400 square foot addition. It provides units with administration, classroom, unit supply, kitchen, physical fitness, weapons vaults, and locker room space and a 14,850 square foot unheated enclosed vehicle storage area.

Most of the new structure was masonry block construction and crews had to install the conduits as the block was laid. A portion of the new structure was pre-cast concrete, which also required a great deal of coordination, as the project owner (the Adjutant General of the ND National Guard) wanted all electrical boxes and conduit recessed in the concrete. Bergstrom coordinated conduit installation with the panel manufacturer to ensure the owner's requirements were met.



**Photos above: Exterior and interior views of the ND National Guard Readiness Center under construction at Camp Grafton.**

The biggest challenge on the project was a result of a delay in the delivery of the structural steel, which pushed back the project schedule by 4 months. Bergstrom employees put in a tremendous amount of overtime and were able to make up all of the lost time to keep the project on schedule for the owner.

Bergstrom crews started on the project in July of 2011. The electrical system installed was a 480V 3 phase 1600 amp system with a generator designed to carry the entire electrical load, if necessary. It also included 85,000 feet of conduit with 362,000 feet of wire and 1100 light fixtures.

The project was substantially complete in October of 2012.



**An artist's rendering of the North Dakota National Guard Readiness Center upon completion. Courtesy of ND National Guard.**

