

NDSU Veterinary Diagnostic Lab



Fargo, ND

Year Completed: 2017

Electrical Construction: \$1.2 M

Project Manager: Josh Sundeen

Project Foreman: Curtis Kalash

Architect: Zerr-Berg Architects

General Contractor: TF Powers

The \$18 million new NDSU Veterinary Diagnostic Lab is fully accredited by the American Association of Veterinary Laboratory Diagnosticians. The lab is a full service laboratory offering toxicology, bacteriology, virology, molecular diagnostic, clinical and anatomic pathology, parasitology and serology testing services.

Many of the laboratory spaces are provided with diffuse outside lighting that is controlled by a lighting control program, including a daylight/occupancy system.

The 26,000 sf building provides about twice the laboratory and office space, and features major layout enhancements for safety and efficiency as for the former facility in Van ES Hall on the main campus.

Bergstrom Electric served as the prime electrical contractor on the project and construction began in May of 2016.

The electrical system included the installation of:

- A 1,600 amp, 480 volt service
- A 500 Kw generator
- 34,000 feet of EMT
- Over 32 miles of wire
- 430 light fixtures

And complete installation of:

- Lighting control system
- Including a daylight/occupancy system



- Access control system
- Security system with cameras
- Data communications system
- Sound systems
- Fire alarm system

Bergstrom crews put in a total of 9,296 man-hours to complete the project, peaking at about 320 hours/week. The project was completed in November of 2017.

