

ESTD 1977



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MDA/MDH LABORATORIES ST. PAUL, MN

SERVICE:

ELECTRICAL CONSTRUCTION

BUDGET:

\$5,748,500

HIGHLIGHTS:

- Project included 20 high-tech, state-of-the-art research and testing laboratories involving unprecedented levels of safety and security
- More than 100 panel boards & 1,500 light fixtures



High-Tech, High Performance

THE PROJECT

Gephart was hired to perform electrical construction of these brand new Minnesota Departments of Agriculture and Health laboratory facilities in St. Paul, Minnesota.

OUR PLANNING

This project was one of two major projects being done simultaneously within the tight quarters of the Minnesota State Capitol Complex, which provided several logistical challenges. We planned carefully to account for traffic, delivery of materials, and the Capitol's busy day-to-day working environment.

We also worked with the general contractor, engineers and architects to successfully meet several unique installation requirements. As these laboratories perform such mission-critical procedures as the monitoring of infectious diseases, food-borne illnesses and public-health emergencies, in addition to routine public-health testing, the project mandated that all conduits, fittings, and boxes in the pressurized laboratories have airtight seals. As a result, we consulted closely with the laboratory experts to successfully achieve the necessary sealing of these lab spaces. In addition, thorough coordination was needed for the installation of the facilities' 2188 KV emergency generator which was located underground and lowered into place with a crane.

