

Dakota Growers Pasta Plant

Carrington, North Dakota

Electrical Construction: \$1.7 M

Year Completed: 1995

Project Manager: Vern Thingvold

Project Foreman: Paul Soderquist

Design/Build Professionals: Bill Bradbury, Younglove Construction, Morrow Engineering, Inc.

General Contractor: Younglove Construction



This \$42 million state-of-the-art pasta processing plant in Carrington, ND was a huge project for the region. The project included a 45,000 square foot concrete structure for durum wheat storage, a 110,000 square foot pasta plant for production and packaging, a 40,000 square foot warehouse, and 5,000 square feet of office space.

Bergstrom Electric was awarded the contract in June of 1993 following footing and foundation construction and within two days began to mobilize on the job-site. The time-frame was incredibly tight with an estimated 40,000 man-hours required in just six months. Bergstrom began a state-wide search for qualified electricians. At start-up, crews began working ten hours a day, six days a week. Eventually, work was expanded to twelve hours a day, seven days a week with rotating shifts. Approximately 50 electricians worked simultaneously during the peak periods before the actual milling operations began.

The plant required approximately 210 thousand feet of rigid/intermediate and aluminum conduit with special strapping requirements for the food processing area. It also required 1.3 million feet of

wire for associated lighting, power, controls, fire alarm, and communication systems. There were approximately 140 separate motors to connect, which were controlled by PLC's through the motor control centers.

Bergstrom set up an on-site management headquarters complete with office facilities to handle the extensive paperwork, communications, and coordination that would be required for a project of this magnitude. The company also continued to emphasize safety to all their employees, holding weekly safety talks.

Bergstrom continued to serve as the electrical contractor for the plant for several years and was also involved in the \$15 million expansion (\$780,000 of electrical construction) in 1997 and 1998.



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