



WILLMAR ELECTRIC SERVICE

DESIGN † BUILD † BEYOND



MONSANTO SEEDS PLANT

CLIENT: *Monsanto*

LOCATION: *Waco, NE*

TIME FRAME: *9 Months*

GENERAL CONTRACTOR: *Monsanto*

As Monsanto Seeds continues to see the increased need for corn processing at many levels, the decision was made to expand into Waco, Nebraska. The new facility was built to provide an area for the processing of feed corn. To accommodate the large capacity of corn and intricate details of the procedure, many buildings were constructed. Willmar Electric Service (WES) had the privilege to work alongside of Monsanto to be a part of this construction of the Monsanto Seeds, Waco, NE plant by contracting for the electrical installation.

A processing plant like this is no small undertaking however, and the project required massive amounts of both Material and Labor. In total, the plant saw 600,000 feet of control wire used, 400,000 feet in service and branch circuit wiring used, 140,000 feet of conduit used, Approximately 35,000 terminations completed, 300 panels built, 500 light fixtures installed, and 6 separate services installed.

Due to a three (3) month delay start and harvest not being delayed, the pressure was on to have everything done quickly, yet accurately and be completed with quality craftsmanship. The time crunch issue Willmar Electric faced was having only one shot for everything to work correctly when the facility was powered up. This meant all the terminations needed to be done accurately and timely. With the assistance of the Monsanto AG-engineers working on site, all wire was labeled, verified, terminated, and then finally inspected for accuracy. WES was very careful with only one shot at turning the power on and everything be running correctly. Nonetheless, the start up went smoothly and on time.

Willmar Electric Service was presented with many wonderful opportunities during the construction process of the Monsanto Seeds Waco, NE plant. Through it all, Willmar Electric Service was able to provide a massive project the service it needed to be completed on time, accurate, and conforming to the customer's needs.