

Delta Industrial Overcomes Unstable Ground Conditions to Build a Foundation

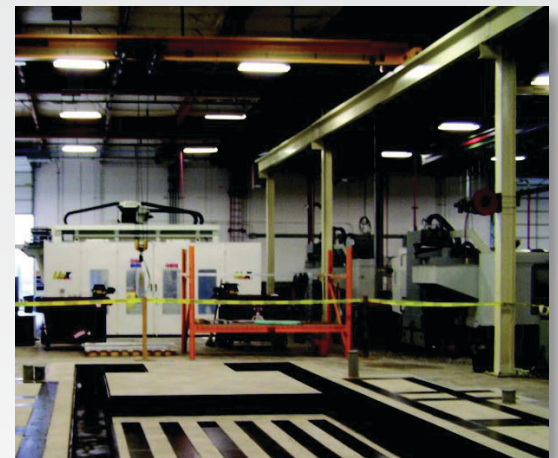
Employing a unique construction process, Delta Industrial took on Mother Nature.

Auburn, WA. – Delta Industrial designed and built a foundation for a Linx machining center for A & G Machine Incorporated, a supplier of sophisticated high tech parts to the aviation industry.

The plant where Delta was tasked to build the foundation was located in an old riverbed, near potential volcanic activity. Undaunted, Delta's skilled engineers designed a substructure that could withstand a natural disaster and prevent any shifting of the machinery that produces precision parts with extreme tolerances — as small as ten thousandths of an inch.

To accomplish this task, Delta strategically reinforced the base with helical pilings. Instead of pouring the concrete in multiple stages, Delta used an innovative monolithic pour to construct the five-foot thick reinforced concrete foundation. The process enhanced construction efficiencies and increased the structural strength of the base. The project, with conveyor system, was completed in 14 weeks. Pleased with the outcome, A & G Machine and Linx, awarded Delta additional projects. Linx also listed Delta as a preferred supplier of foundations for their machining centers.

Delta Industrial, the recognized leader in machine foundations, press pits and industrial concrete construction has offices in Chesterfield Michigan, Trussville Alabama, and Fort Thomas Kentucky. The company, founded in 1993, specializes in the design and construction of machine and press foundations, concrete flat work and steel fabrication.



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