

# Facility Engineering Services Project Profile



**Project Title:** Bartlett Grain Elevator

**Client:** Hogenson Construction

**Project Location:** Jacksonville, IL

**Project Description:** Structural design of a slip form grain elevator facility.

**Major Design Elements:** This design consisted of an auger cast pile supported slip form grain elevator. Additionally, the facility had secondary corrugated grain in storage, a grain drying system, bulk weigher and truck/rail receiving.

**Design:** This design involved the use of ACI 313 which is a specialized standard for the design of slip-formed silos.

**Benefits:** Slip form construction is a specialized form of construction that is not commonly understood by the engineering community. The benefit of this type construction is that the silos are cast monotonically.

