



Structural Engineering AGRICULTURAL BRIDGE DESIGN



Located in the heart of the agricultural midwest, I&S Group has the ability and experience to provide professional design services for all types of agricultural bridges. Types of bridges that we have experience with include:

- » Prestressed Concrete
- » Cast-in-place Concrete
- » Timber
- » Masonry
- » Steel Frame
- » Concrete Culverts
- » Corrugated Metal Pipe and Arch Pipe

Along with the design of new facilities, our structural engineering staff can assist with conditional assessments of the bridge deck, piles, or abutments, as well as providing load ratings for the existing structure.

Due to our extensive experience with the agricultural industry, we understand the critical factors that need to be considered during design, including width, sidewall clearances, weight requirements for both implements and loaded tractor trailers, and the hydraulic considerations of crossing agricultural drainage channels.

We also have the unique capability of providing additional design services in house that are typically required for bridge design. A few of these services are:

- » Civil Engineering – Hydrologic and Hydraulic Analysis and Modeling
- » Environmental Services – Streambank Protection and Wetland Delineation
- » Land Surveying – Boundary and Topographic Survey
- » Architecture – 3D Renderings and Bridge Embellishment Design

Be assured that our understanding of both sound engineering practice and the agricultural industry will provide you with a cost effective bridge solution in a timely manner and with the personal service you expect.

Faribault, MN 507.331.1500
Mankato, MN 507.387.6651
www.is-grp.com



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