



Bridge Design

Resilient. Tailored. Complete.

Solutions That **Inspire.**

KLINGNER
& ASSOCIATES, P.C.

Engineers • Architects • Surveyors



Supporting safer transportation...

For more than 50 years, Klingner has developed lasting solutions that improve structures for motorists across the region.

Behind every successful bridge is a comprehensive team. Our in-house experts in structural and roadway design, hydraulics and hydrology, land surveying, and Right-of-Way acquisition assemble a complete picture of the location. This thorough analysis informs every design decision — from structure type to span arrangement. Whether it's a rehabilitation, replacement, or new structure, our team takes the same care in evaluating each option for its longevity, feasibility, and cost to pinpoint the most appropriate fit.

HIGHLIGHTED SERVICES

- ✓ New Bridge & Bridge Rehabilitation Design
- ✓ Bridge / Culvert Hydraulics & Hydrology
- ✓ NBIS-Certified Bridge Inspections & Rating
- ✓ Geotechnical Investigations
- ✓ Freeways, Highways, Expressways, & Streets
- ✓ Construction Inspection

Delivering What You Need

Our team delivers bridge designs in the programs our clients need. Klingner bridge engineers are trained in a variety of bridge design software, including RISA 3-D, MDX, CONSYS, and AASHTOWARE. For accompanying roadway design, we use MicroStation, Geopak, and AutoTurn as well as the 3D design program Open Roads.

Spanning A Wide Range of Experience

A quick look at our portfolio shows just how diverse Klingner's bridge projects are. Dozens of concrete superstructure bridges have been designed by our team, with countless additional multi-barrel culverts completed over the past 30 years for counties and Departments of Transportation. Our firm also specializes in steel superstructure bridge designs, from the typical single-span structure on a rural highway to multi-span curved girder bridges on expressways. This experience has allowed our staff to develop proprietary design guides to quickly spot solutions and expedite design schedules.

100+

Bridge Designs,
Rehabilitations &
Inspections In The
Last 15 Years

NBIS Bridge Inspections

Our engineers are meticulous, capturing accurate conditions and providing realistic answers to maintain safe bridge operation.



When clients choose Klingner, they know they're getting results they can trust. Klingner's inspection team is comprised of engineers with National Bridge Inspection Standards (NBIS) certification who regularly perform inspections for municipalities, counties, and Departments of Transportation. The same care is taken with every bridge to determine structural and functional conditions, identify and document deficiencies, determine whether a structure meets service requirements, deliver detailed inspection reports, and provide recommendations for repairs.

"These projects were completed with minimal change orders. My staff and the general contractors are very complimentary of the plan sets prepared by Klingner."

- Duane Ratermann, PE, County Engineer
Knox County, IL



Work With Us

Klingner & Associates, P.C. is a multidisciplinary firm comprised of collaborative engineers, architects, and surveyors who have the expertise to design quality solutions for all of your project needs.

MISSOURI

COLUMBIA | 573-355-5988
HANNIBAL | 573-221-0020

ILLINOIS

CARBONDALE | 618-331-4050
GALESBURG | 309-343-1268
QUINCY | 217-223-3670

IOWA

BURLINGTON | 319-752-3603
DAVENPORT | 563-359-1348
PELLA | 515-612-7402

