Adams County Illinois Highway Department - Cannonball Rd. over BNSF Railway, Adams County, IL SN 001-3338 - Project involves the removal of an existing 10 span timber bridge and replacing it with a three span composite beam bridge over the BNSF Railway. The structure will utilize galvanized steel beams. Total length of the bridge is 190’. Klingner worked with the BNSF railway to meet their concerns and provide room for future track expansion.

Illinois Department of Transportation District 4 - US 67 over Farmers Fork Creek, McDonough County SN 055-0080 & SN 055-0081 - Phase I Engineering services provided for the removal and replacement of dual structures carrying US 67 over Farmers Fork Creek, approximately 1 mile south of the IL 9 / US 67 intersection. Work included: Field survey of the project site, Preparation of a Project Report, prepare a bridge condition report, Prepare a structure geotechnical report, Inspect and analyze the structures for the feasibility of stage removal, Prepare a Type Size and Location (TSL) plan and structure report, and prepare a hydraulic report.

City of Fort Madison Iowa - Avenue D over French Creek Iowa FHWA No. 005320 - Services include preparation of construction plans, specifications, hydraulic study, and cost estimates for a new 90’ long 3 span continuous concrete slab bridge. Structure includes pedestrian walkway and support systems for attached 6” water main.

Illinois Dept of Transportation District 8 - US 67 over and onto IL 255, Madison County, SN 060-0332 - Services include the Type Size and Location (TSL) plan, construction plans, and specifications. Work involves the construction of new fly-over structure. Proposed superstructure consists of a 3 span, reinforced concrete deck on composite curved plate girders. Proposed substructure consists of a vaulted abutment and a pile bent integral abutment and a concrete pier with special aesthetic features.
TRANSPORTATION PROJECT TEAM

Alan Lukens, PE, SE
Principal / Structural
Department Head.
Mr. Lukens has 29 years of
bridge design experience.
Professional Engineer:
Illinois, Missouri, Iowa,
Alabama, Kansas
Structural Engineer: Illinois

Ryan Phelps, PE
Project Engineer with 12 years
of experience with bridge
design.
Professional Engineer: Illinois,
Missouri, Iowa
Certified Bridge inspector
NBIS Safety Inspection of In-
service Bridges

Curt Schenk, EI
Project Engineer with
18 years of experience of
culverts, streams, lakes, dams,
levees and pump stations.
In his former MoDOT
position he was responsible
for determining highway
design features and preparing
detailed highway construction
plans.

Eric Barnes PE
Transportation Department
Manager
Project Engineer with 25
years of transportation design
experience.
Professional Engineer: Illinois,
Missouri, Iowa

Mark Bross, PE
Project Engineer with 20 years
of experience with municipal
transportation projects.
Professional Engineer: Illinois,
Missouri, Iowa

Gavin Risley, PE
Project Engineer with 12 years
of experience with hydrologic
and hydraulic models and methods.
Skills in hydraulic analysis of
culverts, streams, lakes, dams,
levees and pump stations.
Professional Engineer: Illinois,
Missouri, Iowa, Kentucky

Ron Craven, PE
Department Manager of
Construction/Material Testing
Department
Project Engineer with 42 years
of experience in Geotechnical
engineering.
Professional Engineer: Illinois,
Missouri, Iowa
TRANSPORTATION

The transportation engineering professionals of Klingner provide the following services:

- FREEWAY, HIGHWAY, AND STREET DESIGN
- TRAFFIC STUDIES AND MODELING
- SIGNALIZED AND ROUNDABOUT INTERSECTION DESIGN
- COMPLETE STREETS / ROADWAY DIETS
- PROWAG ACCESSIBILITY ANALYSIS AND DESIGN
- MASTER PLANNING / CONTEXT SENSITIVE SOLUTIONS
- DESIGN AND LOCATION STUDIES
- NEW BRIDGE AND BRIDGE REHABILITATION DESIGN
- BRIDGE / CULVERT HYdraulics AND HYDROLOGY
- BRIDGE INSPECTION AND RATING
- BRIDGE AND ROADWAY LIGHTING
- RAILROAD TRACK AND STATION DESIGN
- INTERMODAL FACILITIES
- ROADWAY / UNDERPASS PUMP STATIONS