Hannibal Paris Gravel Road - Reconstruction of 0.4 miles of a two-lane urban street in Hannibal, Missouri. Engineering services included route and land surveys, right of way documents, construction plan preparation, design calculations, specifications, bidding documents, and quantity calculations. Construction plans included new 24 ft. wide pavement (3 alternatives) with curb and gutter, storm sewers, traffic control and staging, intersection geometrics, erosion control, and other miscellaneous items.

MoDOT JS3054 & JS3053 Northeast District - Klingner prepared plans and quantities for ADA sidewalk improvements along Route 16 within the towns of Monticello and Canton MO for a combined length of a little more than a mile. Klingner & Associates prepared construction plans and special provisions for the ADA sidewalk improvements in the towns of Canton and Monticello. These ADA improvements coincided with the resurfacing of MO Route 16 in the two communities. In Canton, over 7,000 feet of 5’ wide concrete sidewalk was replaced and 11 intersections were upgraded to meet current ADA rules. In Monticello, nearly 1,300 feet of 5’ wide PCC sidewalk was replaced. Design challenges included existing steep grades that required concrete retaining walls and relocation of the sidewalk alignment. Additional work included new concrete stairs and driveways.

City of Quincy, IL – Maine Street 30th to 36th - Klingner prepared the phase I design report along with final plans, specifications, and estimates for the reconstruction of Maine Street. Project included implementation of a road diet, addition of a fourth leg to an existing signalized intersection, new sidewalks, and ADA improvements. Project was partially funded through the Safe Routes to School Program.

Petersburg Town Square - Klingner prepared the phase I design report along with final plans, specifications, and estimates for the reconstruction of the streets and sidewalks around the town square. Klingner assisted with public meetings and prepared exhibits and renderings of the proposed improvements. Project involved historic preservation of Abraham Lincoln monuments and qualities of the historic district, evaluation of the one-way traffic pattern around the square, reuse of the existing brick pavers, asphalt parking lanes, ADA access to the existing buildings surrounding the square. Project was federally funded.
TRANSPORTATION
PROJECT TEAM

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

Curt Schenk, EI
Project Engineer with 18 years of experience of roadway design, plan preparation, and estimating. In his former MoDOT position he was responsible for determining highway design features and preparing detailed highway construction plans.

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

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

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

Curt Schenk, EI
Project Engineer with 18 years of experience of roadway design, plan preparation, and estimating. In his former MoDOT position he was responsible for determining highway design features and preparing detailed highway construction plans.

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

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

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

Aaron M. Schafer, P.E.
Project Engineer with 9 years experience including analysis and design for rehabilitated and new bridge design alternatives.
Professional Engineer: Illinois, Missouri, Iowa
Certified Bridge Inspector, NBIS Safety Inspection of In-service Bridges

Cullan Duke, PLA
Department Manager of Site Development/Recreation Department and Landscape Architect with over 23 years' experience in his field.
Landscape Architect: Illinois, Missouri, Iowa
LEED Green Associate

KLINGNER & ASSOCIATES, P.C.
Engineers • Architects • Surveyors
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