

November 15, 2014

Mr. Kenny Voss, P.E., Local Program Administrator
Missouri Department of Transportation
105 West Capitol Avenue, P. O. Box 270
Jefferson City, Missouri 65102

Re: **Letter of Interest**
Local Public Agency (LPA) / Roadway Design

Dear Mr. Voss:

Klingner & Associates, P.C. is please to submit our letter of interest and company information for providing Roadway Design services to Local Public Agencies in Missouri. Klingner has been providing professional civil engineering services for over 100 years. Our transportation department has designed projects ranging from four-lane access controlled freeways to single block neighborhood enhancement projects. In the past 5 years, nearly \$190 million in roadway projects designed by our firm have been let and built.

We are a multi-disciplined firm that will strive to provide local agencies a successful project by drawing on our experience in various fields outside of transportation. For example, the transportation staff has utilized the rendering capabilities of our architectural department to provide residents a clearer picture of what the roadway improvements will look like. The 3D scanner technology used by our surveying department provides precise information and access to locations that are dangerous or difficult to get to.

GENERAL EXPERIENCE:

The following is a short list of recent roadway and related projects that Klingner & Associates have designed for state and local clients:

City of Hannibal, MO - Paris Gravel Road, Veterans Ave. to US 61 - 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.

City of Petersburg, IL – Historic Town Square Improvements – 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.

Frankford, MO – Low Street Sidewalks – STP 9900 (368)
Clarksville, MO – Route 79 Sidewalks – STP 9900 (379)
Kahoka, MO – Downtown Sidewalks - STP 9900 (358)

Klingner prepared construction plans and specifications for new sidewalks, ADA improvements, and retaining walls in Frankford, Clarksville, and Kahoka. Funding for these projects was through the Surface Transportation Program.

City of Quincy, IL – Aldo Blvd. Improvements – With the City of Quincy, Klingner worked with residents in determining the best option to reconstruct the residential street and boulevard. Project costs, drainage improvements, and aesthetics all played a part in the final design. The final improvements consisted of

new colored concrete curb and gutter, bituminous pavement 18' wide, storm sewer modifications, driveway aprons, sidewalks and other miscellaneous appurtenances.

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.

Illinois DOT District 6 – US Route 51 – Christian County - Preparation of construction plans, special provisions, and quantities relating to the proposed upgrade of US 51 to a 4-lane expressway in Christian County, Illinois. Total expressway length is 12.2 miles and is composed of three construction contracts: 1 mile south of Moweaqua to 1 mile north of Assumption, the Assumption by-pass, and 1 mile south of Assumption to 4 miles north of Pana. Work included route surveys, right-of-way plat preparation, typical sections, roadway design, drainage design, intersection geometric details, traffic control and staging, erosion control, signage and pavement striping, lighting, cross sections, and public meetings. Project also included the widening of an existing bridge and four new structures.

City of Keokuk, IA—Soap Creek Street Improvements – Klingner & Associates provided design services for the Soap Creek Street Improvements for Keokuk, Iowa. Previous construction involved new sanitary sewers and the relocation of some storm sewers. Klingner prepared roadway plans that had to meet design standards and involve as few as possible adjustments to the previous sewer improvements. Project work consisted of new PCC pavement and sidewalks, retaining walls, subgrade scarification and compaction, granular subbase, new sewer intakes at numerous along 13 blocks in the Soap Creek area. Project also included designing ten (10) intersections to meet ADA requirements.

PERSONNEL:

The following individuals perform the key functions within the Klingner organization for roadway design projects and will be responsible for the successful completion of these on-call projects:

Steven E. Bange, P.E. – Transportation Department Head / Project Engineer with 19 years of experience in transportation design with Klingner & Associates. He has been directly involved in location and preliminary design studies, permit applications, hydraulic studies, construction plan preparation, and special provisions for numerous projects.

Mark C. Bross, P.E. – Project Engineer with 18 years of experience. Mark has worked with numerous local agencies in Missouri. He was project manager for the sidewalk projects in Frankford, Kahoka, and Clarksville, MO. Experience includes design, project management, and coordination with regulatory and funding agencies.

Eric B. Barnes, P.E. – Project Engineer with 21 years of transportation design experience. He has been directly involved in location and preliminary design studies, permit applications, construction plan preparation, and special provisions for numerous projects with the Illinois DOT.

Stephen R. Wavering, P.E. – Traffic/Geometrics engineer with 28 years of experience, and 12 years as project engineer for the city of Quincy involving construction of various transportation projects. He is experienced in drainage calculations, drainage basin stormwater design, retention and detention basins, traffic signals and control, intersection design studies, and other transportation related work.

Curt S. Wavering, P.E. - Project Engineer with 14 years of experience in various site designs with features including storm water detention, and storm water design, sanitary sewer design, municipal water design, parking lot layout, lighting configurations, and pavement design for shopping centers, restaurants,

hospitals, hotels, and manufacturing facilities. He assisted in and performed flood plain determinations for streams as well as completing site drainage studies as part of site storm water design

Stephen Hartman, PE – Project Engineer for Klingner & Associates, P.C. since 2014. Steve is well versed in the engineering and construction fields, and has extensive experience in civil project design and inspection, and overall project management. His engineering experience includes design, survey, and project management for roadway, sewer, drainage, combined sewer separation and other municipal facility improvements. He has coordinated design and construction activities of these projects with state agencies such as IDNR and IDOT.

Alan D. Lukens, P.E., S.E. – Principal / Structural Department Head. Mr. Lukens has 27 years of bridge design experience and will be responsible for the quality control and review of all structural projects. Mr. Lukens received his B.S. in Agricultural Engineering and his M.S. in Agricultural and Structural Engineering from Iowa State University in 1987.

Stephen P. Mock, P.L.S. – Registered Land Surveyor with 41 years of experience in property, topographic, and hydrographic surveys; subdivision surveys and staking; topographic mapping; construction staking; inspection services; and drafting, coordinates survey work on projects between project managers and survey crews. He will be responsible for all surveying necessary to complete the project.

Additional staff will be utilized as needed to complete the project team for any given project. We will assign staff and resources to meet the project schedule and established deadlines. The relationship we have nurtured with regulatory and funding agencies will result in fewer delays and resubmittals which can ultimately move projects back.

To meet our client's needs and schedules, the K&A managerial approach and philosophy for any project focuses on three concepts:

- Project Management
- Communication and Coordination
- Quality Control / Quality Assurance

All Roadway Design projects for Missouri Local Public Agencies will be managed in our Hannibal office, with assistance from the Quincy office as needed to complete the work in an efficient and timely manner.

Your consideration of Klingner & Associates is greatly appreciated.

Very truly yours,

KLINGNER & ASSOCIATES, P.C.



Steven E. Bange, P.E., Transportation Department Manager

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TRANSPORTATION SERVICES

Our design professionals **quality** look for creative, cost-effective, and sustainable solutions to meet our client's and the community's needs when taking a project from **knowledgeable** concept to completion. The transportation staff teams with Klingner's other **innovative** engineering departments to utilize their knowledge and experience. The results of this **cost-effective** collaboration are safe, functional, and attractive facilities to connect people and places.



Your trusted solution.

Our reputation rests on our attention to detail and correctness of solution. We pledge this attention to all of our projects.

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

ROADWAY DESIGN PROJECTS

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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.



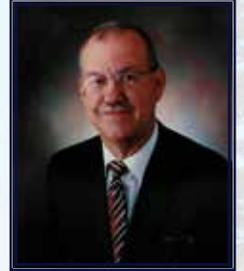
KLINGNER
& ASSOCIATES, P. C.
Engineers • Architects • Surveyors

TRANSPORTATION PROJECT TEAM



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Transportation Department
Project Engineer with 19 years
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Professional Engineer: Illinois,
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.Professional Engineer:
Illinois, Missouri, Michigan



Eric Barnes PE
Project Engineer with 21
years of transportation design
experience.
Professional Engineer: Illinois,
Missouri, Iowa

Stephen Hartman , PE
Project Engineer with 21 years
of engineering experience.
Professional Engineer: Iowa
FHWA Bridge Inspection
FHWA Steel Bridge
Inspection



Alan Lukens, PE, SE
Principal / Structural
Department Head.
Mr. Lukens has 27 years of
bridge design experience.
Professional Engineer:
Illinois, Missouri, Iowa,
Alabama, Kansas
Structural Engineer: Illinois

Mark Bross, PE
Project Engineer with 18 years
of experience. with municipal
transportation projects.
Professional Engineer: Illinois,
Missouri, Iowa



Curt Wavering, PE
Project Engineer with 14
years of experience in
various site designs.
Professional Engineer:
Illinois, Missouri, Iowa

Cullan Duke, PLA
Department Manager of Site
Development/Recreation
Department and Landscape
Architect with over 20 years'
experience in his field.
Landscape Architect: Illinois,
Missouri, Iowa
LEED Green Associate



TRANSPORTATION *Services*

The transportation engineering professionals of Klingner offer 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



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klingner.com



616 N 24th Street
Quincy, Illinois 62301
(217) 223-3670

4510 Paris Gravel Road
Hannibal, Missouri 63401
(573) 221-0020

610 N 4th Street, Suite 100
Burlington, Iowa 52601
(319) 752-3603

49 N Prairie Street
Galesburg, Illinois 61401
(309) 343-1268

