

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) / Construction Inspection**

Dear Mr. Voss:

Klingner & Associates, P.C. is very interested in providing Construction Materials Testing & Inspection Services for Local Public Agencies in Missouri. Klingner & Associates is prequalified by the Missouri Department of Transportation to perform construction inspection.

Staff members are trained in construction staking, soil, aggregate, asphalt and concrete testing, nuclear moisture/density gauge use, and environmental sampling. Our staff utilizes construction procedures and standards of the American Society of Testing Materials, the American Concrete Institute, applicable State Transportation Departments, and other agencies as appropriate.

**GENERAL EXPERIENCE:**

The following is a short list of projects recent projects that Klingner & Associates provided construction material testing and inspections services for:

**Iowa State Penitentiary – Fort Madison, IA** – Klingner provided special inspections in accordance with the International Building Code 2009, Chapter 17 for the \$140 million facility. Special inspections and testing were documented and preapproved by the owner.

- Soils, Footings, and Piers. Klingner provided soil testing to include standard proctor, relative density, Atterberg Limits, nuclear gauge density and moisture. Footings were tested for proper bearing capacity. A handheld GPS unit was utilized to document the locations of tests.
- Concrete (Paving, Footings, Floors, Rebar Inspection). Klingner tested concrete for air, slump and temperature and test samples prepared for curing and compression testing. Ambient temperatures was monitored and recommendations were made accordingly. Insulated curing boxes were provided as needed. Field and laboratory cured cylinders (sets of 4 each) were prepared and tested.
- Masonry. Klingner visually checked reinforcement, anchors, grouting and prepare/test grout specimens as appropriate/per code.
- Steel. Klingner checked bolted connections, visually inspected welds, checked structural steel, and checked cold-formed steel deck.

**Frankford, MO – Low Street Sidewalks – STP 9900 (368)**

**Clarksville, MO – Route 79 Sidewalks – STP 9900 (379)**

**Kahoka, MO – Downtown Sidewalks - STP 9900 (358)**

Klingner provided construction administration services for new sidewalks, ADA improvements, and retaining walls in Frankford, Clarksville, and Kahoka. Funding was through the Surface Transportation Program.

**Fort Madison, IA – Avenue D Bridge over French Creek** – Resident inspector services for the construction of a new triple span concrete slab bridge in Fort Madison. Project also included new concrete approaches, sidewalks, water main, and other miscellaneous items. Project is federally funded.

**Quincy Park District – Cedar Creek Bikeway** – Resident inspector services for the federally funded multi-use trail project. Trail section was 0.8 miles in length from 12<sup>th</sup> Street to 18<sup>th</sup> Street in Quincy IL. Construction cost was \$1.2 million.

**Galesburg, IL – Construction Testing** – Construction testing for 3<sup>rd</sup> Street resurfacing, North Street sidewalks, Freemont Street sidewalks, McClure Street Bridge, and Chamber, Mulberry & Pearl Streets.

**Petersburg IL – ERP Douglas/7<sup>th</sup>/Jackson Streets and Historic Town Square Reconstruction** – Emergency Street Repair work included surface removal/milling, storm drain piping and inlet structures, manhole adjustments, concrete curb and gutter, sidewalk/ramp, re-leveling and replacement of brick pavement, various HMA patching, and other miscellaneous appurtenances along Douglas Avenue from Route 97/123 thru Seventh Street, Seventh Street from Douglas Avenue through Jackson Street, Jackson Street from Seventh Street to Route 97/123 and Sheridan Street from Route 97/123 through Eighth Street.

**PERSONNEL:**

The following individuals perform the key functions within the Klingner organization for construction material testing and inspections services, and will be responsible for the successful completion of these on-call projects:

**Ronald W. Craven, P.E.** – Geotechnical Engineer with over 40 years of experience in geotechnical engineering field and construction materials testing, he is in charge of geotechnical services for the firm. Experienced in proprietary geotechnical engineering programs for boring log preparation, compaction, soil identification, atterberg limits, slope stability, consolidation and permeability testing. Mr. Craven provides geotechnical engineering analyses for buildings, bridges, earth retaining structures, impoundments and pavements. Coordination, inspection and load testing of deep foundation projects including driven piles, drilled piers and auger cast piles.

**Mark C. Bross, P.E.** – Project Engineer with 18 years of experience, directly involved with project management of various civil projects from the planning phase through construction inspection and testing. Mr. Bross is project manager for Missouri local agency and MoDOT projects.

The following resident technicians have experience in a wide variety of transportation projects:

**Brent K. Freesemeyer** – Resident Engineer / Technician with 19 years of experience in the Construction Inspection field. Primary experience includes resident engineer, assistant resident engineer, office engineer and inspector. He has worked with clients to track construction progress and schedules, prepare engineer pay estimates and change orders for city street, highway and airport projects. He has also worked as an engineering technician and geologist providing a diverse background of projects supporting his skills in these fields.

**Charles E. Smith** – Resident Technician. Experience includes 30 years of construction observation work involving inspection, record keeping, core samples, nuclear density gauge testing, and paperwork for asphalt paving, and general surveying. Eleven years of experience as engineering technician with the Illinois Department of Transportation.

**Phillip E. Brown** – Materials testing technician with 7 years of experience providing Construction Materials Testing and QC Testing.

**Neal P. Pleskunas** – Engineering technician with 6 years of field and office experience in density testing, soil and groundwater sampling and testing, grout and mortar sampling, concrete testing, construction services and documentation of data.

**J. Randy Lamont** – Engineering Technician with 16 years of field technician experience, including bearing capacity testing, nuclear density testing, concrete testing, and concrete pour observations.

**Michelle M. Beck** – Engineering Technician with 11 years of construction observation experience. Her previous experience includes nine years of drafting, carpentry, and construction technician for various firms including the Missouri Department of Transportation and Bleigh Construction Co.

**Thomas L. Mock** - Engineering Technician with 46 years of experience which includes performing various soil, bituminous and concrete testing on construction projects. He has also performed construction staking, construction testing and percolation and proctor testing on numerous construction projects.

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

This project would 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 the Klingner & Associates team is greatly appreciated.

Very truly yours,

KLINGNER & ASSOCIATES, P.C.



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

SEB:mrs\H:\common\SEB\MoDOT LPA Const Inspect.doc

# 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

# CONSTRUCTION INSPECTION

**Iowa State Penitentiary - Fort Madison IA** - Klingner provided special inspections for Soils, Footings & Piers, Concrete (paving, footings, floors, rebar inspection), Masonry, and Steel in accordance with the International Building Code 2009, Chapter 17 for the \$140 million facility. Special inspections and testing were documented and preapproved by the owner.

**Frankford / Clarksville / Kahoka Missouri Sidewalks** - Klingner provided construction administration services for new sidewalks, ADA improvements, and retaining walls in Frankford, Clarksville, and Kahoka. Funding was through the Surface Transportation Program.

**Fort Madison IA Avenue D Bridge over French Creek** - Resident inspector services for the construction of a new triple span concrete slab bridge in Fort Madison. Project also included new concrete approaches, sidewalks, water main, and other miscellaneous items. Project is federally funded.

**Quincy Park District - Cedar Creek Bikeway** - Resident inspector services for the federally funded multi-use trail project. Trail section was 0.8 miles in length from 12th Street to 18th Street in Quincy IL. Construction cost was \$1.2 million.

**City of Galesburg IL Construction Testing** - Construction testing for 3rd Street resurfacing, North Street sidewalks, Freemont Street sidewalks, McClure Street Bridge, and Chamber, Mulberry & Pearl Streets.

**City of Petersburg IL ERP Douglas / 7th / Jackson Streets & Historic Town Square** - Emergency Street Repair work included surface removal/milling, storm drain piping and inlet structures, manhole adjustments, concrete curb and gutter, sidewalk/ramp, re-leveling and replacement of brick pavement, various HMA patching, and other miscellaneous appurtenances along Douglas Avenue from Route 97/123 thru Seventh Street, Seventh Street from Douglas Avenue through Jackson Street, Jackson Street from Seventh Street to Route

97/123 and Sheridan Street from Route 97/123 through Eighth Street.



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

# TRANSPORTATION PROJECT TEAM



### Ron Craven, PE

Department Manager of Construction/Material Testing Department  
Project Engineer with ?? years of experience in Geotechnical engineering.  
Professional Engineer: Illinois, Missouri, Iowa

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



### Brent Freesemeyer

Resident engineer / Technician with 19 years of Construction Inspection experience. Primary experience includes resident engineer, assistant resident engineer, office engineer and inspector.

**Charles Smith**  
Resident Technician with 30 years of construction observation experience. Engineering technician with 11 years of Illinois Dept of Transportation experience.



### Phillip Brown

Materials testing technician with 7 years of experience providing Construction Materials Testing and QC Testing.

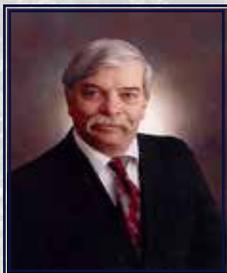
**Neal Pleskunas**  
Engineering technician with 6 years of field and office experience in density testing, soil and groundwater sampling and testing, grout and mortar sampling, concrete testing, construction services and documentation of data.



### Randy Lamont

Engineering Technician with 16 years of field technician experience, including bearing capacity testing, nuclear density testing, concrete testing, and concrete pour observations.

**Michelle Beck**  
Engineering Technician with 11 years of construction observation experience. Her previous experience includes nine years of drafting, carpentry, and construction technician for various firms including the Missouri Department of Transportation and Bleigh Construction Co.



### Thomas Mock

Engineering Technician with 46 years of experience which includes performing various soil, bituminous and concrete testing on construction projects. He has also performed construction staking & testing, and percolation & proctor testing.

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

# 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



Scan to visit  
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

