



**Missouri's  
Local  
Program**  
*for community  
development*

## COVER SHEET

(This must accompany your firm's letter of interest and does not count in the page limit)

Firm's Full Legal  
Name:

Klingner & Associates, P.C.

Firm Contact Name:

Eric Barnes, PE

Contact Email  
Address:

ebb@klingner.com

Firm's Mailing Address:

616 N 24th St

Quincy, IL 62301

Work Category:

- Roadway Design
- Trails & Sidewalks
- Construction Inspection
- Traffic Engineering & TEAP
- Structures
- Environmental
- Historic Preservation
- Multimodal Planning / Systems and Facilities Design
- Transportation Planning – **NEW CATEGORY**

December 12, 2025

Ms. Ashley Buechter, PE, Local Program Administrator  
Missouri Department of Transportation  
105 West Capitol Avenue, P. O. Box 270  
Jefferson City, Missouri 65102

Re: Letter of Interest – LPA – Roadway Design

Dear Ms. Buechter:

Klingner & Associates, P.C. (Klingner) understands the importance of safe, innovative, and reliable transportation solutions—which we're ready to provide to Missouri's Local Public Agencies through on-call Roadway Design Services. Since 2017, Klingner has completed 30+ MoDOT contracts and projects for nine different Missouri communities, demonstrating our reliability and commitment to the state's transportation infrastructure. Our full-service firm provides complete conceptual, preliminary, and final design for highway widening, resurfacing, pavement reconstruction, utility design and coordination, Right-of-Way acquisition support, environmental clearance, traffic signals and lighting, general lighting, surveying, sidewalks and trails, and parking lot design. From four-lane access-controlled freeways to urban street improvements, that's involved 500+ miles of roadways, 20,000+ LF of sidewalks, and over 500+ ADA corners since 2010—at an average of 29 transportation projects per year. We've also recently acquired Koehler Engineering & Land Surveying (Koehler), which has its own portfolio of roadway designs across Southern Missouri.

Licensed in Missouri and employing 164 staff members—including 53 professionals licensed in Missouri and staff in Columbia, Cape Girardeau, and Hannibal—our statewide presence enables us to respond quickly to LPA needs throughout the Northeast, Central, and Southeast Districts. Our established relationships with over 200 Missouri communities demonstrate our ability to execute contracts efficiently while maintaining thorough understanding of Missouri codes, standards, and state and federal regulatory requirements. Our 87% repeat client rate reflects our commitment to responsive service. Klingner's Transportation Department includes Curt Schenk, PE, and Toshia Drebes, PE—former MoDOT engineers who served the Northeast District for a combined 34 years. As leaders in our Roadway group, they actively promote MoDOT policies and standards. All communication flows through myself, the department manager, and our teams utilize video conferencing, secure file sharing, and in-person meetings to maintain efficient and effective project delivery. Whether supporting a small study or a larger design project, we deliver the same diligence and commitment to quality that has defined our 120-year history.

### **GENERAL EXPERIENCE:**

The following is a short list of recent projects where Klingner provided roadway design:

**MoDOT CD, J5P3517 – Route 5 / Route 240 Resurfacing, Howard County, MO** – Klingner prepared preliminary and final design plans, cost estimates, and job special provisions for the resurfacing of 37 centerline miles on Route 5 (24.325 miles), Route 240 (13.428 miles), and Route 240 Alternate (0.710 miles) in Howard County. The scope of work included asphalt resurfacing, pavement repairs, adding paved shoulders, and guardrail upgrades. *Federal Funding*

**MoDOT CD, J5S3520 – Various Roadway Resurfacing, Callaway County, MO** – Klingner prepared preliminary plans, final design plans, a cost estimate, and job special provisions for the resurfacing of various routes in Callaway County involving a total of 35.677 miles of roadway at 10 separate locations on Route C, Route AE, Route TT, Platinum Road, Route AA, Karen Road, Simon Boulevard, Route OO, and Old US Highway 54 (two segments). The scope of work included asphalt resurfacing, striping, traffic control, and guardrail upgrades. *Federal Funding*

**MoDOT CD, JCD0124 – ADA Improvements on Business Loop 70, Columbia, MO** – Klingner is in the process of preparing preliminary, Right-of-Way, final design plans, cost estimates, and job special provisions for the construction of ADA improvements in Columbia, MO. The scope of work includes upgrading sidewalks, entrances, and pedestrian signal equipment at various locations along I-70 Bus. *Federal Funding*

**MoDOT CD, J5S3546 - ADA Improvements on Various Routes, Various Counties, MO** – Klingner prepared preliminary plans, Right-of-Way plans, final design plans, a cost estimate, and job special provisions for the construction of ADA improvements and sidewalks in Columbia (Outer Road I-70), Stoutland (Route T), Fayette (Route 240), New Franklin (Route 5), and Sleeper (Route F). The scope of work included upgrading sidewalks and entrances at various locations for a combined length of 1.517 miles to meet current ADA standards, striping, and traffic control. *Federal Funding*

**City of Palmyra, Main Street ADA Sidewalk Improvements, Palmyra, MO** – Klingner is providing design services for ADA-compliant sidewalk improvements along Main Street between Church Street and Main Cross Street. Preliminary design services included topographic surveying, base mapping, preliminary sidewalk layout to meet current ADA standards, identification of affected property owners, preliminary cost estimating, and coordination meetings with the City and MoDOT. Final design services include preparation of final plans and specifications, development of construction phasing, final cost estimating, and review meetings with the City and MoDOT to finalize construction documents for bidding. *Local / Federal Funding*

**City of Hannibal, Market Street ADA Sidewalk Improvements, Hannibal, MO** – Klingner is providing design services for ADA-compliant sidewalk improvements along Market Street from South Arch Street to Grand Avenue. Preliminary design services included topographic surveying, base mapping, preliminary sidewalk layout to meet current ADA standards, identification of affected property owners, preliminary cost estimating, and coordination meetings with the City and MoDOT. Final design services include preparation of final plans and specifications, development of construction phasing, final cost estimating, and review meetings with the City and MoDOT to finalize construction documents for bidding. *Local / Federal Funding*

**City of Hannibal, US 36 Shinn Lane Roundabout, Hannibal, MO** – Klingner designed a 1-lane roundabout for the City of Hannibal to replace an existing T-intersection on Shinn Lane. Services included traffic analysis, topographic and boundary surveys, Right-of-Way evaluations, preliminary and final design, environmental clearances, bidding assistance, and construction phase services. The project included concrete pavement, concrete approaches, curb and gutter, segmented block wall, grading, stormwater inlets and pipes, landscaping, erosion control, sidewalks, and staged construction to maintain traffic to businesses. The entire project was coordinated with the City of Hannibal and MoDOT. *Local / Federal Funding*

**IDOT District 9, US 45 Resurfacing, White County, IL** – Klingner provided preliminary and final design for the resurfacing of US 45 from IL 14, 0.8 miles south of Enfield to the Wayne County line, 0.3 miles north of Mill Shoals. Prior to resurfacing, the existing roadway will be patched throughout the length of the project. The surface will be removed and a binder and surface course will be added to complete the resurfacing. Multiple guardrails throughout the project were either damaged or did not meet code; therefore, guardrail improvements were included in the final design plans. The ADA design work included sidewalk removal, gutter removal, pavement removal, pavement installation, and reconstructing the PPC sidewalk to meet ADA guidelines. *Federal Funding*

**IDOT District 9, IL 37 Resurfacing, West Frankfort, IL** – Klingner is providing final design for the resurfacing of IL 37 from North Douglas Street to 0.1 mile south of Cleveland Street in West Frankfort, IL. The project involves milling of the existing roadway, removal of sidewalk, and removal of curb and gutter. The proposed design will include new PCC sidewalk, curb and gutter, and pavement resurfacing. The ADA sidewalk design centers on all 4 quadrants of the West Stotlar, Jones Street, Elm Street, Poplar Street, St. Louis Street, Lindell Street, 4th Street, 5th Street, 6th Street, and 7th Street intersections.

**PERSONNEL:**

The following professionals may perform key roles during the roadway design projects:

**Eric B. Barnes, PE, *Transportation Department Manager*** – I have 32 years of experience designing projects for both MoDOT and IDOT. From small-scale ADA improvements to the design of access-controlled freeways, my diverse design perspective is a benefit to LPAs. I will be responsible for overall project management of LPA projects, serving as the single point of contact.

**Curt D. Schenk, PE, *Senior Engineer*** – Curt brings 28 years of roadway design experience to the team, 19 of which were spent working for MoDOT's Northeast District. He is well-versed in roadway design and plan preparation, detailed design, and final plans. He will be responsible for highway, pedestrian facility, and associated feature design along with detailed highway construction plans for LPA projects.

**Toshia M. Drebes, PE, *Senior Engineer*** – Toshia has 20 years of roadway design experience, with 15 years prior experience working for MoDOT's Northeast District. Toshia is proficient with roundabout design and detailing; roadway realignment design and detailing; signal layout, design, and detailing; lighting design; special provision writing; and opinions of probable cost. She will be responsible for highway, pedestrian facility, and associated feature design along with detailed highway construction plans for LPA projects.

**Christopher L. Koehler, PE, PLS, *Senior Engineer*** – Based in Cape Girardeau, MO, Chris is a senior civil / site engineer with over 20 years of experience. He served as the Engineer of Record for the site design of over 5 miles of border patrol roadway along the United States national border, as well as the expansion of the Dallas / Fort Worth National Cemetery. He will be responsible for roadway and pedestrian facility design for LPA projects.

**Ryan M. Roth, PE, *Engineer*** – Based in Cape Girardeau, MO, Ryan has 14 years of experience in civil engineering. His past projects include design of roadways, bridge alignments and approaches, and municipal infrastructure across Missouri. He has played a key role in the design of several MoDOT BRO projects and provided design services for commercial and residential sites. He will be responsible for roadway and pedestrian facility design for LPA projects.

**Stephen P. Mock, PLS, *Senior Land Surveyor*** – Steve has been a land surveyor with Klingner for 52 years. In that time, he's performed Right-of-Way services; property, topographic, and hydrographic surveys; subdivision surveys and staking; construction staking; coordination of survey work; and more. Steve will provide surveying QC / QA and Right-of-Way services for LPA projects.

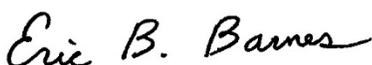
Additional staff will be utilized, as needed, to complete the project team for any given project. We will assign staff and resources to meet the project schedule and established deadlines.

The Klingner team looks forward to providing LPAs with roadway designs supported by active communication and coordination, project management, and Quality Control / Quality Assurance.

Your consideration of the Klingner team is greatly appreciated.

Sincerely,

KLINGNER & ASSOCIATES, P.C.

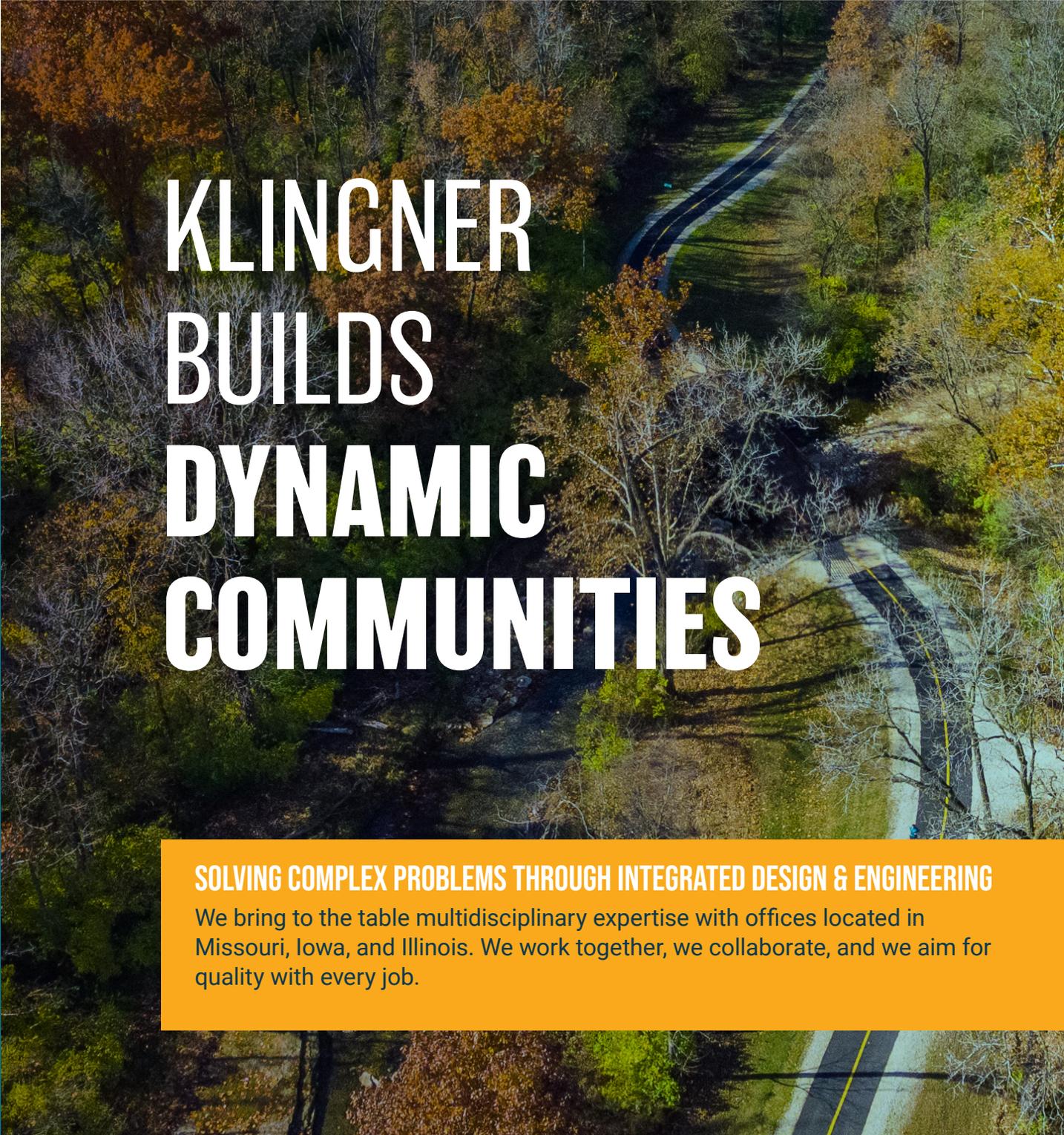


Eric B. Barnes, P.E.  
Transportation Department Manager

**KLINGNER**

**& ASSOCIATES, P.C.**

Engineers • Architects • Surveyors



# KLINGNER BUILDS DYNAMIC COMMUNITIES

## **SOLVING COMPLEX PROBLEMS THROUGH INTEGRATED DESIGN & ENGINEERING**

We bring to the table multidisciplinary expertise with offices located in Missouri, Iowa, and Illinois. We work together, we collaborate, and we aim for quality with every job.

TRANSPORTATION STRUCTURAL CIVIL GEOTECHNICAL MEP ARCHITECTURE  
CMT INSPECTIONS SURVEYING ENVIRONMENTAL WATER RESOURCES WATER / WASTEWATER

**KLINGNER.COM**

# KLINGNER... CREATING YOUR TOMORROW.

As a family- and employee-owned firm, Klingner is dedicated to serving our communities and maintaining a strong commitment to the successful completion of each project. We value right-sized and innovative solutions, prioritizing our clients' project scopes, budgets, and schedules. Our collaborative approach and deeply-rooted values prioritize delivering quality results while building lasting relationships.

## HISTORY & LOCATIONS

Klingner has been providing the Midwest with professional services for 120 years. Originally started in 1905 as Bushnell Engineering, William H. Klingner joined Bushnell and his partner McCann in 1936. After incorporating Klingner & Associates, P.C. in 1985, the firm experienced years of steady growth, mergers, and expansions. Our locations include Columbia, Hannibal, and Cape Girardeau, MO; Quincy, Galesburg, and Carbondale, IL; and Burlington, Pella, and Davenport, IA.



**WORKING AND LIVING IN OUR COMMUNITIES  
MEANS EVERY PROJECT HAS A PERSONAL IMPACT**

## THE KLINGNER ADVANTAGE: A SMALL FIRM WITH HIGH STANDARDS

Whether we're engineering a new roadway, intersection, or bridge or surveying and drilling for a major pipeline, our staff operates with the same three drivers: stay agile, studied, and innovative. Practical engineering backs this approach. We use calculations and testing to create durable, efficient environments that are effective

and visually appealing. Our architects and interior designers expand upon the experience—knowing that finish selections, lighting, and furniture can be as transformative as a wall of windows. At Klingner, we don't just design projects; we craft lasting experiences.

## THE SERVICES WE PROVIDE

- ✔ Bridge Design
- ✔ Roadway Design
- ✔ Intersection Design
- ✔ Surveying
- ✔ Geotechnical Engineering
- ✔ Constr. Materials Testing
- ✔ Construction Observation
- ✔ Gen. Civil & Structural
- ✔ Architecture & Interiors
- ✔ Mechanical & Electrical Design
- ✔ Wastewater Disposal
- ✔ Hydraulics & Drainage
- ✔ Environmental - NEPA
- ✔ Public Meeting Support
- ✔ USACE Permissions



For the past eight years,  
Klingner has maintained an

**87%**  
*repeat client rate*

Today, Klingner serves municipalities with populations as small as 300, Fortune 500 companies, and some of the largest private industries in all of North America. We care about our projects and clients and are always striving to provide tailored solutions.

## SUPPORTING CLIENTS DEEP UNDERGROUND & GROUND-UP

At Klingner, we group our services into four key sectors with some overlapping responsibilities that reinforce quality. We have the staff to perform many services in-house. We also place incredible value on our professional partnerships.



### Vertical Sector:

This is about design from the ground up. We handle everything from the architectural design to structural supports as well as critical infrastructure like the plumbing and electrical systems. We turn a plot of land into a tailored experience.



### Horizontal Sector:

Here our focus is site / civil and transportation-based—things like the site, roads, bridges, and trails. We design the layout, manage drainage, and make sure everything on the ground is planned well for the end user.



### Field Sector:

This sector is on-site. They handle crucial geotechnical and surveying services, construction materials testing, construction observation, and more. They verify that construction is in line with the plans and specifications.



### Water Sector:

We design pump and lift stations, wastewater and water treatment plants, flood walls, flood gates, and so much more. We also conduct drainage studies that protect entire communities.



### CONTACT US:

**Eric Barnes, PE**  
**Transportation Director**  
O: 217-223-3670  
E: [ebb@klingner.com](mailto:ebb@klingner.com)

### HAVE A QUESTION? REACH OUT TO US!

Klingner has many ways to contact us with questions or comments. We also value client feedback. Never hesitate to reach out!

# KLINGNER: A TEAM PLAYER



## TRANSPORTATION

Klingner's engineers have designed or rehabilitated over 400 roadways, freeways, streets, and bridges in the past 15 years. **Key Services:** *Highway & Street Design, New Bridge & Bridge Rehabilitation Design, Bridge / Culvert Hydraulics & Hydrology, NBIS-Certified Bridge Inspections & Rating, Signalized & Roundabout Intersections, ADA Corners & Sidewalks, Stormwater Management, Traffic Studies & Modeling*



## CIVIL/SITE

We design outdoor spaces that are functional and optimized for end users, coordinating project details from site grading to parking lot designs. **Key Services:** *Site Layout Design, Parking Lot Design & Rehabilitation, Utility Design, Landscaping & Hardscapes, Master Planning, Parks & Trails, Site Development, Drainage Design / Studies, Stormwater Management, Grading Plans, Site Lighting, Utilities Planning, Permitting Traffic Studies & Modeling*



## STRUCTURAL

With multiple licensed Structural Engineers and technicians, we manage projects of varying sizes and complexities with demonstrated expertise. **Key Services:** *Structural Evaluations, Structural Rehabilitation & Repair, Historic Preservation, Commercial & Institutional Structures, Industrial Structures, Foundation Systems, Earth Retention Systems, IBC Special Structural Inspections*



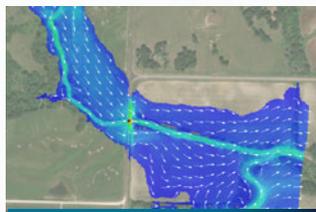
## ARCHITECTURE

We work with clients throughout planning and programming to develop and prioritize needs. We also maintain a focus on building life expectancy and life cycle costs. **Key Services:** *Feasibility Studies, Building Evaluations & Code Studies, Programming, Project Design from Concepts through Construction Documents, Bidding / Negotiation Assistance, Construction Administration*



## MECHANICAL / ELECTRICAL / PLUMBING

Our engineers design building systems that consider life cycle costs and technological trends to deliver client solutions within budget. **Key Services:** *Plumbing & Electrical Design, HVAC, Indoor Air Quality, Central Heating & Chiller Plants, Lighting Design, Emergency / Backup Generator Design*



## WATER RESOURCES

Nationally recognized for drainage design and flood control, we leverage modeling and regulatory experience to provide comprehensive, forward-thinking solutions. **Key Services:** *Culvert Hydraulic Analysis, 404 / 408 Permitting, Stream Bank Erosion Stabilization, Pump Station Design & Rehabilitation, Levee Design & Certifications, Port Design & Feasibility Studies*



## WATER / WASTEWATER

We have provided solutions for municipalities, industries, and more, addressing water and wastewater treatment and disposal of wastewater. **Key Services:** *Treatment, Collection & Distribution System Design / Planning / Improvements, Sewer & Water Mains, Water Storage, Lift & Pump Station Design / Rehabilitation*



## GEOTECHNICAL

Our engineers and technicians investigate subsurface conditions, assess site risks, and contribute information vital to lasting designs. We operate multiple drill rigs with USACE-validated laboratory facilities. **Key Services:** *Hollow Stem Auger Drilling, Mud-Rotary Drilling, Cone Penetration Testing, Over-Water Platform / Barge Drilling, Continuous Sampling, Monitor Well Installation, Wireline Rock Coring*



## CONSTRUCTION MATERIALS TESTING

Klingner's engineers and technicians utilize construction procedures and standards of as well as hold key certifications from ASTM, ACI, and applicable State Transportation Departments. **Key Services:** *On-site Observation, Field Measurements, Quality Calculations, Material Verification & Documentation Review, Project Administration, Pay Request Evaluations, Daily Field Reports*



## SURVEYING

Klingner's surveyors have a reputation for accuracy that is known throughout the region. Our team integrates robotic total stations, GPS receivers, digital levels, and survey-quality drones for data capture. **Key Services:** *Route Surveys, Cross Sectioning & Profiling, Construction Layout & Staking, Topographic Surveys, Easements & Right-of-Way, ALTA / NSPS Land Title Surveys, Bathymetric Surveys, 3D Scans, Machine Control, Digital Terrain Models*

## Learn More On Socials

Want to learn more about the people and projects that make Klingner great? Connect with us on social media! We regularly share insights into our work, behind-the-scenes looks at our projects, and features on our incredible professionals. Follow us on LinkedIn, Facebook, our website, and other platforms to see how we're building better communities, one project at a time.

### Check Out Our Website

 **Facebook**  
KlingnerAssociatesPc

 **Instagram**  
klingner1905

 **LinkedIn**  
Klingner & Associates, PC

