



**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 – Construction Inspection

Dear Ms. Buechter:

Klingner & Associates, P.C. (Klingner) offers Missouri's Local Public Agencies the experienced inspection staff to provide quality Construction Inspection services. Guided by the management of 60+ construction inspection contracts over the last seven seasons, Klingner has developed processes, assignment procedures, and training schedules that offer dependable support. Our inspectors are experienced in managing, documenting, and inspecting projects associated with the construction of new and modified existing facilities—including the identification and resolution of issues relating to materials, work progress, change orders, and disputes. Multiple team members have secured certifications from MoDOT's technician certification program, collectively holding certifications in Ag Specific Gravity (ASG), HMA Ag Testing (HAT), Concrete Field (CF), Ag Tech (AT), Plasticity Index (PI), Bituminous Tech (BT), Soil Density (SD), Concrete Field / Advance Concrete (CF / AC), Concrete Strength (CS), Super Pavement QC / QA (SP), and Field Density (FD). They are further trained in construction staking, geotechnical work, soil, aggregate, asphalt and concrete sampling and testing, nuclear moisture / density gauge use, and environmental sampling—utilizing construction procedures and standards of the American Society of Testing Materials, the American Concrete Institute, appropriate State Transportation Departments, and other agencies as applicable. Our team is familiar with the requirements of federal projects and can use AASHTOWARE Project (AWP) for construction documentation.

When assigning inspectors to a job, not only do we match certifications and experience to each project's specific needs, but we also strive to maintain personnel consistency when possible. Klingner recently acquired the Cape Girardeau-based Koehler Engineering & Land Surveying (Koehler). Combined with our Hannibal inspection staff—and supported by crews in our Quincy office on the Illinois / Missouri border—Klingner maintains local staffing that can remain with a project throughout construction. All communication flows through myself, the transportation department manager, and our teams utilize video conferencing, secure file sharing, internal team meetings, and in-person client meetings to coordinate scope requirements and maintain efficient inspection services. From attending construction-related meetings and reviewing shop drawings to the daily documentation of contractor activities, this collaborative approach supports project clarity and quality.

### **GENERAL EXPERIENCE:**

The following is a short list of recent projects where Klingner provided inspection and geotechnical services:

**Cape Girardeau County Commission / MoDOT, BRO-R016(033) New Bridge on CR 501 over Apple Creek, Cape Girardeau County, MO** – While working for Koehler, Klingner team members provided construction materials testing and inspection services as well as geotechnical investigation for this 3-span bridge replacement (135' total length) over Apple Creek. Construction inspection included observation and documentation of pile driving operations, verification of concrete reinforcement placement, and daily progress monitoring. Materials testing included aggregate gradation verification, concrete sampling and testing for air content, slump, and temperature, compression strength testing, and density testing of soils, aggregate base, and asphalt compaction.

Geotechnical services included field investigation with borings advanced to bedrock at all 4 bridge bent locations, 10' rock cores, and laboratory analysis for foundation design. *Federal Funding*

**City of Jackson / MoDOT, BRO-R129(001) Bridge #2150005 Replacement, Jackson, MO** – While working for Koehler, Klingner team members provided construction materials testing and inspection services as well as a geotechnical investigation for the replacement of Bridge #2150005 over Hubble Creek. The project involved a 1-span bridge replacement with a total length of 54'. Construction services included observing and logging pile driving operations; verifying concrete reinforcement placement and aggregate gradations; performing concrete sampling and testing; inspecting bridge members prior to unloading and during placement; and testing soils, aggregates, and asphalt for compaction. Geotechnical services included borings advanced to bedrock at both bridge bent locations with 10' rock cores, soil analysis, and rock quality designation (RQD) determinations. *Federal Funding*

**MoDOT NE, J2P3357 – Bridge Replacement Testing & Inspection, Marion County, MO** – Klingner provided construction materials testing and inspection services for MoDOT's Route 79 bridge over BNSF Railroad replacement project. Services included field testing for earthwork and aggregate base compaction verification using nuclear density methods (ASTM D6938), proof roll observations, and on-site concrete quality control. Laboratory testing encompassed soils classification (Standard Proctor, Atterberg Limits, sieve analysis), concrete aggregate evaluation (gradation, absorption, flat and elongated particles, deleterious content), and concrete cylinder testing (ASTM C39) for compressive strength verification. The project team coordinated with MoDOT personnel throughout approximately 56 concrete placement events and 34 compaction testing events, providing documentation through AWP data entry and reporting to promote material conformance with Missouri Standard Specifications across bridge construction phases. Klingner was a subconsultant to KCI Construction (230915-B01). *Federal Funding*

**MoDOT NE, J2P3197 & J2P3249 – Bridge Replacements Testing & Inspection, Schuyler & Scotland Counties, MO** – Klingner provided construction materials testing and inspection services for two MoDOT bridge projects: J2P3249 (Route 15 over North Fork Wyaconda River) and J2P3197 (Route 136 over North Fork Fabius River). Services included field compaction testing, laboratory aggregate analysis with sieve testing and deleterious material evaluations, proctor density determinations, soil classification testing, and preparation of MoDOT Automated Work Package reports. Work was performed in accordance with MoDOT specifications, ASTM testing standards, and Division 10 of the Code of State Regulations Technician Certification Program requirements. Klingner was a subconsultant to Bleigh Construction Company (221216-B01). *Federal Funding*

**City of Palmyra, Main Cross Street / N Bradley Street Culvert Replacements, Palmyra, MO** – Klingner provided construction inspection services for culvert replacements carrying West Main Cross Street and N Bradley Street over a stream. Services included daily observation of contractor work progress and quality, review and approval of contractor shop drawings and submittals, verification of construction conformance with plans and specifications, coordination of project meetings, maintenance of daily logs recording contractor activities and site conditions, and processing of contractor payment applications with recommendations to the City. The inspector served as the City's representative at the site, coordinating communication between the City, contractor, and CDBG funding agencies throughout construction. *Federal / Local Funding*

#### **PERSONNEL:**

The following professionals may perform key roles during inspection projects. Additional staff will be utilized as needed to complete the project team for any given project, and staff can be assigned to meet project schedules and established deadlines.

**Eric B. Barnes, PE, Transportation Department Manager** – I have 32 years of experience designing projects for both MoDOT and IDOT. My experience also includes managing construction inspection services for IDOT. I will be responsible for overall management of LPA projects.

**Nicholas B. Foster, Construction Inspector** – Nicholas joined Klingner with a background in roadway construction inspection. With 4 years of experience, he provides daily field inspection of contractor activities, monitors work zone safety, and documents construction progress. His attention to detail in documenting test results supports quality assurance across construction projects. He will be responsible for inspection and testing services for LPA on-call projects.

**Nathan A. Sick, PE, Construction Inspector** – Nathan has a wealth of hands-on testing experience after 12 years of complex projects involving documentation, nuclear density testing, soil sampling, and more. He promotes stringent tracking and testing procedures that meet industry standards, leveraging his background in construction observation and data processing to provide timely results. Nathan has construction material testing experience with MoDOT projects in Lewis and Marion Counties, and IDOT projects in St. Clair County. He will provide testing, material certifications, documentation, and field inspections for LPA projects.

**Neal P. Pleskunas, Construction Inspector** – Neal's skillset promotes versatility in handling diverse project needs, having performed hundreds of concrete, soil and aggregate, bituminous, and mortar and grout testing over 17 years. Among his most frequent responsibilities are nuclear density testing, Atterberg liquid / plastic limits, sieve analysis, and unconfined compression split spoon and Shelby tube testing. He will perform materials sampling, HMA plant testing, concrete strength verification, and soil density testing for LPA on-call projects.

**Christian Price, Construction Inspector** – Christian has over 5 years of experience in construction materials testing, performing field and laboratory testing of concrete, soils, base materials, and asphalt pavement for transportation and civil infrastructure, including MoDOT projects. Christian provides critical quality control documentation to support project specifications and regulatory requirements. He will be responsible for inspection and testing services for LPA on-call projects.

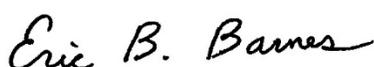
**Drew Bartels, Construction Inspector** – Drew has over 7 years of experience in construction materials testing. He conducts field and laboratory testing of concrete, soils, base materials, and asphalt pavement for diverse projects throughout Southeast Missouri. His project experience includes materials testing and inspection for reinforced concrete, structural steel, masonry, exterior insulation and finish systems, site grading, and paving. Drew will be responsible for inspection and testing services for LPA on-call projects.

**Logan Bartels, Construction Inspector** – Logan has over 10 years of experience in construction materials testing. He performs field and laboratory inspection and testing of soils, concrete, rebar, masonry, structural steel, and fireproofing systems for complex infrastructure and industrial projects. He maintains stringent project specifications and regulatory requirements for critical infrastructure projects. Logan will be responsible for inspection and testing services for LPA on-call projects.

**B. Joseph Sick, PE, Geotechnical Department Manager** – Joe has provided geotechnical analysis, field and laboratory testing, site earthwork and foundation engineering, and drilling coordination services for nearly 30 years. He will provide internal drilling and testing coordination and QC / QA for LPAs requiring geotechnical work.

We look forward to providing MoDOT with construction inspection 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.

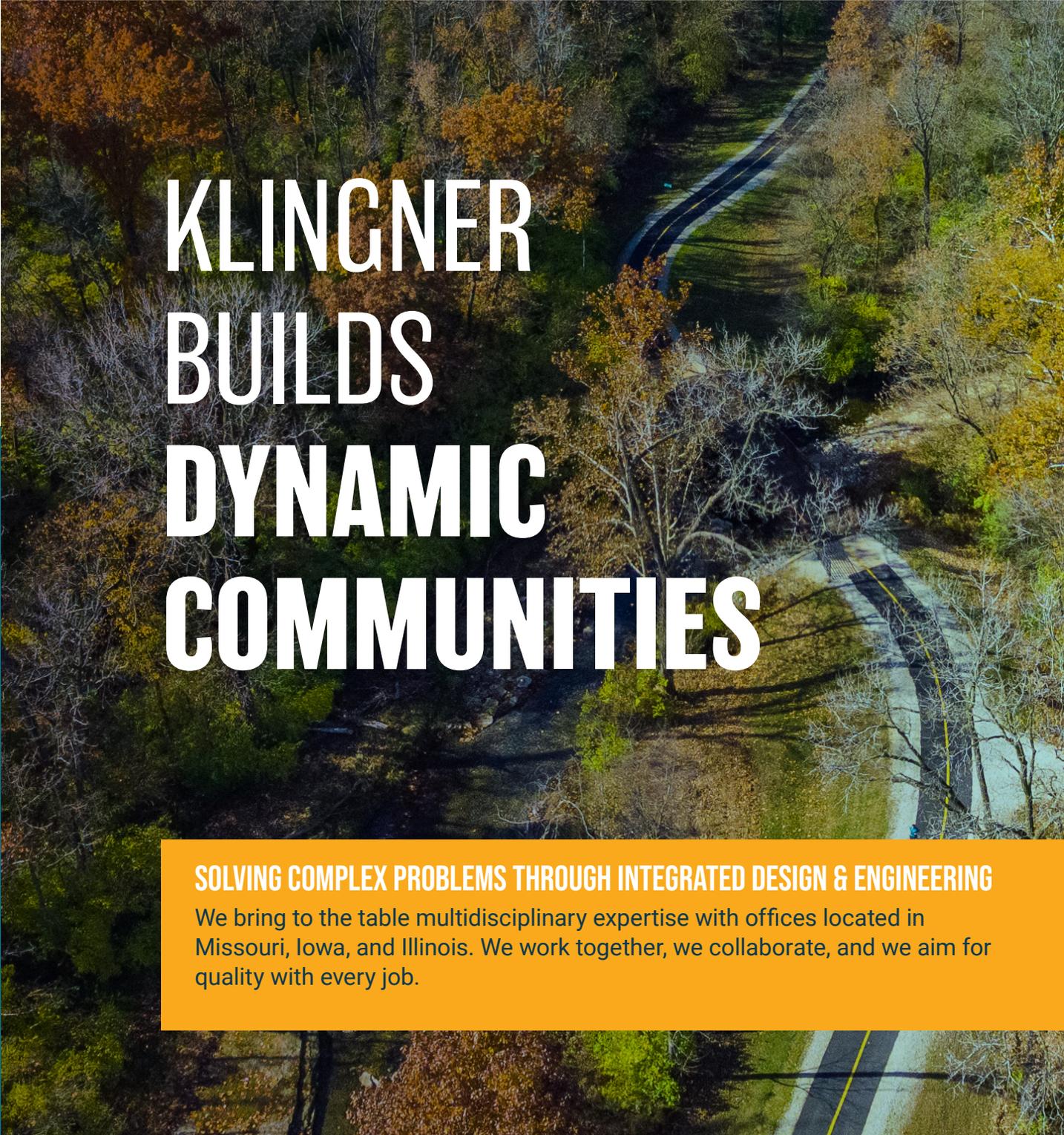


Eric B. Barnes, P.E.  
Transportation Department Manager

**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*



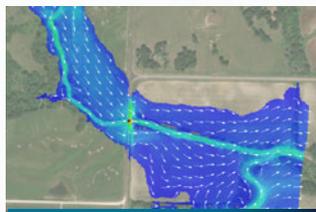
## ARCHITECTURE

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

