



**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:

Terracon Consultants, Inc.

Firm Contact Name:

Dan Hurst

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11600 Lilburn Park Road

St. Louis, MO 63146

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**

The Local Public Agencies (LPA) program is vital to Missouri because it empowers cities and counties to access federal transportation funds for projects that meet local needs. By decentralizing project management, the program ensures improvements like bridge replacements, roadway upgrades, and pedestrian infrastructure are tailored to communities while complying with federal standards. Having a construction inspection consultant with the experience and capacity to take on multiple LPA projects at one time will ensure this program remains effective in Missouri.

General Experience of Terracon

LPA projects have strict U.S. Federal Highway Association (FHWA) and MoDOT requirements. Skilled inspectors ensure that all work meets those requirements, reducing the risk of non-compliance, costly corrections, and funding issues. Over the past decade, Terracon’s materials testing and special inspections technicians and field engineers have worked on more than 700 transportation projects in Missouri, many of which have been the subjects of on-call contracts. And any on-call contract requires a consultants with the size and capacity to deliver on multiple projects at once. Between our St. Louis, Springfield, Rolla, and Kansas City offices, we have 42 MoDOT-certified technicians. Any certification gaps will be addressed before any task assignments are executed.

Past Performance



CHESTER BRIDGE PROJECT - CHESTER, IL

Materials Testing and Inspection Services | 2023 - Est. 2026

References:

Mitch Johnson | Ames Construction | mitchjohnson@amesco.com

Brian Okenfuss | MoDOT Project Director | brian.okenfuss@modot.mo.gov

Project Description: The Chester Bridge is a cable-stayed bridge crossing the Mississippi River featuring two 880-foot spans and is supported on a mix of 4-foot diameter pipe pile and 8-foot diameter drilled shafts and 7 spans, is 2980' long, and has a steel girder and pre-cast panel superstructure with a thin concrete overlay. Terracon provides QC and QA inspection and testing services for the project. This includes providing a full-time quality manager, a quality control lead and a quality acceptance lead. We currently have 10 staff working full time on the project, and we provided services ranging from PDA pile testing and inspection, pre-cast deck panel production, concrete and rebar inspection and testing, embankment placement and testing, steel girder installation, cable stay tensioning, thin concrete overlay deck placements and mass concrete placement inspection and monitoring. Due to the remote nature of the project Terracon provides a certified mobile field laboratory constructed from three connex boxes. The laboratory is used for nuclear gauge storage, curing and breaking cylinders, and testing aggregates and soils.



ADDITIONAL TRANSPORTATION PROJECTS IN MISSOURI

Terracon has proven MoDOT experience, providing materials testing and construction inspections for:

- City of Belton Markey Pkwy Extension
- City of Belton Route 58
- City of Lee’s Summit on-call testing
- City of St. Peters Roadway testing
- MoDOT Bridge (J412600) - Kearney, MO
- Rock Island Bridge Project - Kansas City, MO
- MoDOT I-70 Outer Road - Lake St. Louis, MO
- MoDOT Route H (J4P3212) - Oak Grove, MO
- MoDOT Route P (J1S3158) - Bethany, MO
- MoDOT Route V (J1S3122) - Bethany, MO
- Nodaway County Route 46 (J1S3138, J1S0447, J1S3139, J1S0616) - Maryville, MO
- 2020 MoDOT Clarkson Construction On-Call Testing - Kansas City, MO
- Route 159 (J1P3128) - Mound City, MO
- Marshfield I-44 Interchange - Marshfield, MO
- MoDOT Bridge A02 - Cosby, MO
- Hwy 63 Intersection Improvements (J9P3664)

Qualifications of Personnel Assigned

JACK KOLLARS (KANSAS CITY)

Mr. Kollars is an Engineering Technician for Materials Services in Terracon's Lenexa, Kansas office. He performs inspections for concrete, asphaltic concrete, field density testing, and reinforcing steel. He provides field testing services on various municipal, commercial, and industrial construction projects.

MoDOT Certifications: Aggregate Technician, Bituminous Technician, Soil Density, Concrete Field, Superpave QC/QA, Tensile Strength Ratio, HMA Aggregate

Projects:

- 87th Street Parkway and I-435 – Lenexa, Kansas
- 95th Street and Santa Fe trail Drive Intersection – Overland Park, Kansas
- City of Leawood Streets – Leawood, Kansas
- Lee's Summit On-Call Testing – Lee's Summit, Missouri
- City of Shawnee Laboratory Testing – Shawnee, Kansas
- I-635 (KA-5501-01, KA-5502-01) Overlay – Johnson and Wyandotte Counties, Kansas
- 119th and Pflumm Geometric Improvements – Olathe, Kansas

JEREMIAH BENSON (ROLLA)

Mr. Benson is an Engineering Technician II in the Rolla Missouri office and has three years of experience providing materials testing including concrete testing, reinforcing steel inspection, masonry inspections, field density testing.

MoDOT Certifications: Concrete Field, Soil Density, Bituminous Technician

Projects:

- Red Bluff Recreations Area - Davisville, Missouri
- Missouri S&T Student Experience Center - Rolla
- Missouri S&T Subsurface Parking Garage - Rolla
- Missouri S&T General Services Building - Rolla
- Discount Tire - Rolla, Missouri
- Montauk Campground- Salem, Mo

JASON SELLERS, PE (COLUMBIA)

Mr. Sellers is a senior staff engineer in Terracon's Columbia, Missouri office and is responsible for and performing materials testing of soil, aggregate and concrete and managing related projects. If selected for this contract, Mr. Sellers will be Terracon's project manager and main point of contact for materials testing services. Mr. Sellers is experienced in placement of engineered fill including mass grading and soil remediation. He is also proficient in deep and shallow foundations, steel reinforcement, and fresh and hardened concrete testing.

MoDOT Certifications: Aggregate Technician, Plasticity Index, Bituminous Technician, Soil Density, Concrete Strength

Projects:

- Pollock Road Bridge Mexico
- Eldon Airpark
- Ashland Wastewater Expansion
- Mexico Memorial Airport
- Lee C. Fine Airport Reconstruction

JIM TIPPETT (ST. LOUIS)

Mr. Tippett is a Field Supervisor and QC/QA professional with 22 years of experience in the industry including 2 years at Terracon's St. Louis office. He is responsible for project management and on-site specialty testing and inspections as well as assists with lab testing. Mr. Tippett has experience with Portland cement concrete and asphaltic concrete sampling and testing, soil-cement mix designs, foundation testing, structural steel observation, and proof rolling.

MoDOT Certifications: Concrete Field (CF)

IDOT Certifications: PCC Level I, PCC Level II, HMA Level I, 3 Day Aggregate, S-33 Soils

Projects (*Indicates project with previous firm):

- MoDOT I-70 Outer Road - Lake St. Louis, MO
- IDOT District 4, 5, 6, & 9 Roads and Bridges - Various, IL*
- IDOT I-57 at Westminster Dr. - Marion, IL*
- IDOT I-74 - Morton, IL*
- IDOT I-57 & I-74 Champaign, IL*
- IDOT I-74 - Peoria & East Peoria, IL*
- IDOT I-72 - Springfield, IL*

MoDOT Certified Technicians by Office

Active Certification	St. Louis	Kansas City	Springfield	Rolla
Concrete Field	9	18	6	5
Soil Density	3	4	2	2
Aggregate	3	3	2	2
Bituminous	3	2	1	2
Concrete Strength	2	-	-	1

DBE Teaming Partner



Terracon has a long working relationship with ABNA Engineering including on the Chester Bridge project. If necessary, Terracon's contract can be utilized to provide survey services on any necessary projects. ABNA can also be utilized to provide additional resources. ABNA is a DBE/MBE/WBE/SBE firm based in St. Louis.

General Experience of Firm

Terracon is a 100% employee-owned firm operating since 1965. Terracon has extensive experience providing construction materials testing and inspection services for public infrastructure projects. We have teamed with many MoDOT clients to perform these services and are very familiar with testing and inspection demands in terms of quality, schedule, and safety. We routinely work in multiple jurisdictions simultaneously and understand the policies and procedures that govern these contracts. Terracon is prequalified to perform this work on MoDOT's On-Call Design Consultants List in the Construction Materials Testing & Inspection category, and is a subconsultant on SAM-Construction Service's (SAM-CS) Construction Inspection contract for Materials Testing support.

Familiarity/Capability/Accessibility of Firm & Staff

Construction Inspection service is a "core service" Terracon routinely provides to clients throughout the State of Missouri. For more than 55 years they have been the foundation of what we do every day. We have extensive experience providing these services for DOTs, municipalities, and federal agencies.

Terracon has worked closely with local government agencies, MoDOT, MoDOT clients and teaming partners on past and current projects to provide construction testing and inspection services throughout the state. We understand LPA policies and procedures and believe that we have put together a project team with the ability to serve MoDOT on all aspects of this contract as a seamless partner on your team. In closing, we believe that Terracon has the personnel, expertise, and equipment necessary to provide construction inspection services on LPA projects. We look forward to continuing our relationship with you.

Sincerely,

Terracon Consultants, Inc.

Dan Hurst
Materials Department Manager, St. Louis

Caleb Brewer
Materials Department Manager, Kansas City



6 Missouri Office Locations:

Lee's Summit (Kansas City),
Springfield, Joplin, Rolla,
Columbia, St. Louis



Explore with us

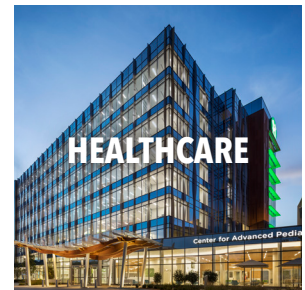
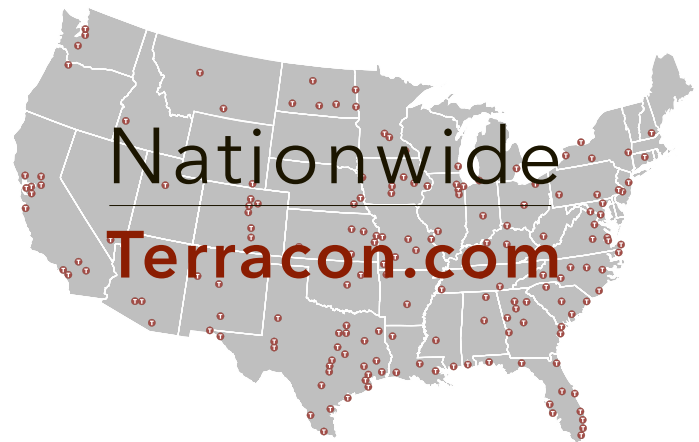
Reach your destination with confidence

Wherever you are on your project journey, Terracon's employee-owners are ready to meet you and help you reach your goal. Since our founding in 1965, Terracon has grown and evolved to become a thriving, employee-owned, multidiscipline engineering consulting firm. Our more than 6,000 curious minds include engineers, scientists, architects, facilities experts, and field professionals focused on solving engineering and technical challenges from more than 175 locations nationwide. On-time and real-time data driven insights, provided by our talented employee owners, create an unmatched client experience that spans the lifecycle of any project from earth-to-sky.

Terracon ranks as a top 20 design firm by *Engineering News-Record* (ENR). Our successful growth has included organic expansion and innovation as well as the acquisition of more than 60 firms with specialized capabilities. A focused and uncompromising dedication to safety has been integral to how we support our employees, clients, and communities.

Throughout the life of your project, we won't just point the way - we'll go with you. From site selection, to design and construction, to maintaining the life of the structure, we'll help you achieve success through engineering and scientific expertise, a passion for problem-solving, an uncompromising commitment to safety, and a drive to explore.

We're ready when and where you are. Explore with us!



Services we provide

Facilities

- Building Enclosure Consulting and Testing
- Structural and Materials Consulting
- Mechanical, Electrical, Plumbing (MEP)/ Energy Consulting
- Commissioning/ Retro-Commissioning
- Facility Asset Management Consulting
- Property Condition Assessments
- Construction Consulting Services (CCS)
- ADA and Accessibility Consulting

Environmental

- Due Diligence + Transactional Support
- Site Investigation and Closure
- Remedial Design and Implementation
- Brownfields + Site Redevelopment
- Asbestos and Industrial Hygiene Consulting
- Disaster Response
- Environmental Planning and Permitting
- Landscape Architecture, Planning, and Design
- Regulatory Compliance
- Solid Waste Planning and Design

Geotechnical

- Geotechnical Engineering and Rock Mechanics
- Laboratory Testing
- Geostuctural Design and Instrumentation
- Pavement Management
- Collaborative Reporting/ Decision Making
- Engineering Consultation During Construction
- Stage1 Site Considerations
- Site Characterization (Subsurface Exploration, In-Situ Testing, and Geophysics)

Materials

- Construction Quality Assurance/Quality Control
- Construction/ Special Inspection
- Materials Engineering
- Field Laboratory Testing and Analysis
- Construction Observation and Monitoring
- Pavement Consulting and Engineering
- Structural Steel and Nondestructive Testing

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