



## COVER SHEET

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

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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**

TREKK is committed to delivering transportation projects that positively impact Missouri. Every day, we leverage our entrepreneurial culture, technology and innovation to engineer solutions that support the growth and restoration of the communities we serve. We call this IMPROVING LIVES.

As a pre-qualified MoDOT consultant and approved firm on the current Local Public Agency (LPA) on-call list, TREKK's transportation team has been involved in numerous projects across Missouri as both a prime consultant and sub-consultant. We appreciate each opportunity to serve the local agency, MoDOT and the citizens of Missouri. Being selected as one of your Construction Inspection on-call providers would allow us to expand our opportunities to provide the first-priority customer service that you deserve.

### GENERAL EXPERIENCE OF FIRM

Since 2002, TREKK has served Missouri residents providing quality transportation design and inspection services focused on delivering commonsense, holistic solutions. We are a full-service firm offering construction engineering and inspection, utility coordination, permit assistance, roadway, structural, hydraulics, traffic and both traditional land survey and mobile LiDAR survey.

TREKK continues to make significant investments in our transportation team, growing to meet MoDOT's full-service consulting needs by adding expertise in construction inspection, roadway, structural and traffic design. We have also added recently retired MoDOT staff to bolster our experience and commitment to quality service.

TREKK's Construction Engineering and Inspection (CEI) team gives our clients confidence that their projects are constructed as designed. By acting as an extension of staff in the field, TREKK's CEI team helps our clients avoid schedule delays, costly change orders, inconveniences to the traveling public and adjacent property owners, and negative impacts to stakeholders along the corridor.

TREKK's CEI experts work closely with our clients every step of the way. This team includes former MoDOT and other public agency inspectors who bring the owner's perspective to TREKK's CEI services. This expertise helps our inspectors better understand the standards associated with MoDOT and LPA construction projects including proper safety, communications, inspection and testing plans and project closeout procedures.

TREKK builds relationships with our clients and the community, keeping them apprised of construction activities affecting their property. This requires continuous communication between client staff and our CEI staff, monthly coordination meetings to track project goals and objectives, and weekly construction progress meetings with contractor, client staff, affected residents and business owners and local agencies.

Our construction inspectors provide clients with daily progress reports and photos documenting detailed quantities and work completed. This daily documentation lets our clients see what is happening on projects without being present every day. Our team is experienced in the use of AASHTOWare Project for reporting.

### FAMILIARITY/CAPABILITY

TREKK works with both state transportation officials and LPAs across Missouri to administer the terms of their contracts with the contractor. Each TREKK construction inspector has completed OSHA 10-hour training and maintains current certifications with MoDOT, as well as with several Class I railroads and the National Association of Sewer Service Companies (NASSCO) for storm and sanitary sewer inspection.

TREKK's team of more than 80 professionals, including more than 15 LPA certified professionals, understands the requirements and expectations to deliver LPA projects. Our technical capabilities are bolstered by our MoDOT Construction Inspection Lead, Mike Schupp, who brings in-depth familiarity with MoDOT and LPA specific processes and expectations on state and federally funded projects. Thanks to the extensive experience among Mike and other CEI project managers, TREKK can guide project teams through the project development and construction processes.

### ACCESSIBILITY

Given our experience as a MoDOT LPA on-call partner, we understand that on-call requests typically require urgency and heightened responsiveness. Delivering multiple, small projects within the same year is second nature at TREKK. With offices in Kansas City, St. Louis, Columbia and Springfield, the TREKK team will be responsive and remain flexible to our clients' needs across the state.

TREKK utilizes a variety of tools and technologies to remain responsive to our clients, even from a distance. Whether it is simple weekly progress reports, 360 degree cameras, real-time video conferences from the job site, or sharing Bluebeam plan sheets to show field issues, we will use technology to keep our clients fully apprised of field progress. TREKK employs several tools to monitor project schedules, including Microsoft Project. We are committed to meeting or exceeding your schedule demands as they arise.

### PAST PERFORMANCE

TREKK is proud of our past performance on LPA and MoDOT projects. Examples of our recent experience include:



#### **Grant Road Improvements | Town of Grantwood Village Trustees, MO.**

TREKK designed and provided construction inspection for improvements to this well-known roadway, which provides access to the historic Grant's Farm and the Ulysses S. Grant National Historic Site. Construction inspection tasks included bidding, concrete and asphalt testing, inspection, submittal reviews, daily logs, payment requests, punch list inspections and project closeout. This project was federally funded through the LPA Program.



#### **Derhake at Robinwood Elementary School Pedestrian Signal | City of Florissant, MO.**

This project relocated an existing crosswalk to provide accessible access to the school's entrance, which resulted in sidewalk reconstruction and other accessible accommodations, as well as the addition of a pedestrian actuated signal.

TREKK provided design and inspection services, which included bidding, concrete testing, inspection, submittals review, daily logs, payment requests, punch list inspections and project closeout. This project was federally funded through the LPA Program.



#### **Dogwood Elementary Sidewalk Improvement | City of Kearney, MO.**

TREKK provided construction inspection services for approximately 3,500 linear feet of new concrete sidewalks providing continuity of access to Dogwood Elementary School. The project also included ADA ramps, pavement markings and flashing beacon signs. Responsibilities included construction documentation, construction administration and daily progress reporting. This project was federally funded through the LPA Program.



#### **Stone & Taney Counties ADA Improvements | MoDOT Southwest District.**

TREKK provided survey and design and is now providing construction inspection for ADA improvement projects along 16 routes

in 10 cities, totaling 9.5 miles. Tasks include daily work reports, preparation of pay estimates and change orders, quantity postings, materials testing, public inquiries and general inspection over all construction activities. This project was federally funded.



#### **7th Street and Central Avenue | Unified Government of Wyandotte County & Kansas City, KS.**

TREKK provided survey, design and construction engineering and inspection services for a Complete

Streets improvement project along 7th Street in Kansas City, KS. Work included removals, storm pipe, milling, paving, concrete, lighting and signal installations. This project was federally funded through the Kansas Department of Transportation's (KDOT) LPA Program.



#### **Lee's Summit Road Reconstruction | City of Kansas City, MO.**

TREKK is providing construction inspection, administration, documentation and as-builts to realign and widen a mile of Lee's Summit Road to improve

safety and capacity. The project involves extensive clearing and grubbing, mass grading, new waterline, storm sewer, significant large block retaining walls, new 12-inch paving, a multi-use trail and bike lanes with new sidewalks, and landscaping. Construction is phased to provide access to area residents and key stakeholders. TREKK also provided significant utility coordination prior to construction. This project is locally funded.



#### **Rainbow Boulevard Resurfacing | Unified Government of Wyandotte County & Kansas City, KS.**

TREKK provided construction inspection for the mill and overlay of Rainbow Boulevard from Southwest Boulevard

to West 39th Street near the University of Kansas Medical Center campus. The project also included the replacement of curb and gutter in the medians near 39th Street and all brick medians throughout the project. New ADA ramps were constructed along Rainbow Boulevard. This project was funded through KDOT's City Connecting Link Improvement Program, which uses state and federal funding.



#### **ADA Sidewalk Improvements | KDOT.**

TREKK provided construction inspection, administration, materials testing and overall project management for this multi-district sidewalk improvement project. The

project improved pedestrian crossings, sidewalks, intersection pavements and ADA ramps in five small to mid-sized Kansas communities. This project was federally funded.

### QUALIFICATIONS OF PERSONNEL

TREKK has built a team of proven professionals with the capacity and capability to fully serve the LPA Program. Our transportation-focused delivery team of more than 80 design professionals includes experienced construction inspectors.



**Mike Schupp, PE | MoDOT Construction Inspection Lead.** Mike leads TREKK's construction engineering and inspection services, specifically for MoDOT and DOT

clients. He joined TREKK after a more than 30-year career with MoDOT in construction engineering, inspection and leadership roles. He most recently served as the Central District Construction & Materials Engineer. Mike often served as liaison between MoDOT and area leaders on construction projects, developing strong relationships with the public and key stakeholders.



**Roger Post, PE | Construction Inspection Service Line Lead.** Roger brings more than 30 years of CEI experience to the team. He has successfully managed more than \$500 million

worth of on-call CEI projects for five separate DOTs. Roger has successfully managed MoDOT on-call work for both the KC and St. Louis Districts, as well as municipal projects across the state.



**Katie Schleicher | Project Manager.** Katie brings more than 23 years of experience providing construction services. Her inspection experience includes design-build road

restoration and LPA projects, roadway and intersection construction, utility relocations, sidewalks, storm and sanitary sewers and drainage improvements, storm and street reconstruction and bridges.



**Brooks Fairman\* | Construction Engineer.**

Brooks joined TREKK after spending three years managing and inspecting construction projects for KDOT. His experience includes a variety of projects in both suburban and rural settings. He is familiar with administration, AWP documentation and closeout procedures and project delivery expectations.



**Derek Schnoebelen | Construction Engineer.**

Derek brings eight years of inspection experience. A former MoDOT construction engineer, Derek's inspection experience includes highway and bridge rehabilitation and new construction, asphalt and concrete paving for DOT, LPA and municipal projects.



**Connor Wainscott\* | Construction Inspector.**

Connor provides inspection services for the construction of various infrastructure projects. He is currently serving as an extension of the MoDOT KC District staff during the construction of the Improve I-70 Kansas City project.



**Isabella Tibbets | Construction Inspector.**

Isabella assists with construction inspection and transportation design. She provided inspection services on an LPA sidewalk project in Lockwood. She was also responsible for inspection activities for MoDOT's ADA inspection project in Nixa and Walnut Grove.



**Steve Horton | Construction Inspector.**

Steve has more than 35 years of CEI experience, managing daily construction activities for highways, bridges, sidewalks and storm and sanitary sewers. His experience ranges from large heavy highway DOT construction projects to smaller municipal roadway reconstructions.



**Will Atkinson | Construction Inspector.**

Will brings experience as a construction inspector on a variety of infrastructure projects including ADA ramps, pedestrian facilities and signage improvements.



**Andy Hagan, LSIT | Construction Inspector.**

Andy has more than 31 years of infrastructure experience in both survey and construction inspection. He provides inspection services for the construction of roadway and infrastructure projects in the Kansas City area. Andy's survey background gives him experience working in busy right-of-way corridors and on everything from rural roads to urban interstate highways.

*\* Indicates an LPA-certified professional*



# TRANSPORTATION SERVICES

CLEAN WATER. SAFE ROADS. RELIABLE INFRASTRUCTURE.



# IMPROVING SAFETY, CONVENIENCE AND ACCESSIBILITY FOR ALL USERS.

## TRANSPORTATION

TREKK's transportation team designs creative, cost-effective solutions that enhance safety and improve roadway capacity and access. We offer comprehensive roadway planning, design, utility coordination, public involvement, survey and construction inspection services on a wide range of projects.

Our award-winning transportation team has experience working on everything from intersection modifications to new interchanges. We approach transportation challenges with a holistic, commonsense mindset. TREKK has been involved in many innovative transportation solutions, including diverging diamond and diverge-about interchanges.

We have wide-ranging experience on design-build projects as both the owner's engineer and the contractor's partner. A thorough understanding of both sides of the process provides a valuable perspective on all types of projects.

Our transportation experience isn't just limited to roadways. TREKK also has experience with railroad, transit and aviation projects. We are well versed in the design of multi-modal facilities to promote safety and mobility for all users. We apply our training in ADA principles to design ADA-compliant, pedestrian accessible sidewalks, ramps and transitions. We bring these learned and experienced skills to every transportation design project we perform.

# COMPREHENSIVE TRANSPORTATION SERVICES



## ROADWAY

TREKK values our role in designing roadways that safely move people and goods. We bring experience with designing all types of facilities, from interstate highways to rural roadways to city streets. We know that private property and utilities are often impacted by roadway improvements. TREKK will evaluate those impacts holistically throughout the design stages.



## TRAFFIC

TREKK's team provides traffic analysis, study and design services that improve safety and reliability for all modes of transportation. Our traffic engineers leverage technology to understand the impacts of increased demand and changes in travel patterns. Our diverse expertise allows us to effectively design signage, pavement marking, traffic signals, ITS Systems and lighting plans to improve mobility.



## SAFETY

Assessing safety enhancements is a critical aspect of all projects. TREKK's team considers how the transportation system can be safer after improvements are completed and also during the construction period. We perform safety assessments of existing facilities, reviewing historical data to identify trends. Our engineers are experienced with the latest industry guidance to provide recommendations in determining improvements that give the most benefit.



## SURVEY AND UTILITIES

Survey data provides the foundation for any transportation project. Our crews have experience with the latest survey technologies to capture and deliver topographic data, including mobile, static and terrestrial LiDAR. Utility coordination is a value-added service that provides the assurance and accuracy of subsurface utility location prior to survey and design. To provide efficiency, TREKK's survey, utility and design teams offer seamless coordination.



## STRUCTURAL

We understand the significance structures have on transportation project budgets and bring creativity to maximize their value and minimize overall project costs. TREKK offers broad structural design experience, including short- and long-span vehicular, pedestrian and bikeway bridges, bridge widenings, bridge rehabilitations, retaining walls and box culverts.



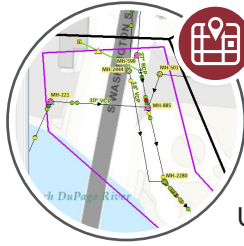
## CONSTRUCTION

TREKK's construction inspectors provide the peace of mind that your project is being constructed as designed. Our certified inspectors have experience on all types of projects. By taking a proactive approach, we can help clients avoid schedule delays and costly budget overruns. We value being our clients' advocate, building relationships with the community, and keeping everyone apprised of construction activities.



## MULTIMODAL

Bike and pedestrian facilities provide an alternate means of transportation, improved fitness and quality of place. In the right location they enhance communities and promote economic development. Connecting all modes of travel—roads, sidewalks, railroads, transit and ports—creates a unified system for moving goods and people. TREKK's staff provides detailed designs that reflect the bigger picture of making all modes function together efficiently.



## GIS AND ASSET MANAGEMENT

Limited resources can force transportation agencies to make difficult budget choices. Understanding the location and condition of assets is a critical step to establish priorities. TREKK's team starts with the end user in mind and customizes the organization and retrieval of data to match the client's needs. This allows the client to build smart systems, which maximize the coordination and function of all types of infrastructure.

# HOW TREKK CAN HELP

- Access management
- ADA compliance
- Aviation, rail and transit
- Bicycle and pedestrian facility design
- Bridge and retaining wall design
- Complete streets design
- Construction inspection
- Corridor and planning studies
- Design-build experience
- Grant writing and funding assistance
- Intelligent Transportation Systems
- Intersection geometric improvements
- Lighting design
- Park and trail design
- Pavement marking and signing
- Pavement rehabilitation
- Roadway and interstate highway design
- Storm sewer design and analysis
- Traffic and safety analysis
- Traffic calming
- Traffic impact studies
- Traffic signal design and progression
- Smart cities/systems
- Survey and utility coordination



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