



COVER SHEET

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

Firm's Full Legal Name: TREKK Design Group, LLC

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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 Roadway Design 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 services focused on delivering commonsense, holistic solutions. We are a full-service firm offering roadway, structural, hydraulics, traffic, drainage, erosion control, utility coordination, grant writing and permit assistance, construction engineering and inspection, and both traditional land survey and mobile LiDAR survey.

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

TREKK's transportation team develops design solutions that enhance safety, improve mobility, and promote accessibility for all users. Our transportation projects address budget and site constraints, as well as grading, drainage and utility and permitting challenges, resulting in roadways that promote connectivity and accessibility. We offer comprehensive design services including intersection design and roundabouts, drainage systems, roadway lighting and signage, utility coordination, ADA compliance, survey and construction inspection.

Additionally, our experience on design-build projects provides insight on constructability issues during the entire design process, ultimately minimizing the cost of construction. This collaboration with contractors has helped develop our engineers to consider the "how" and not just the "why" when developing design solutions.

TREKK's designs are rooted in a strong understanding of state and federal standards and procedures that govern transportation projects, including MoDOT, AASHTO, FHWA and MUTCD specifications, as well as input from the traveling public. We are current on all software applications, including Open Roads Designer, which enables us to use 3D visualization modeling throughout our entire design process.

FAMILIARITY/CAPABILITY

TREKK's team of more than 80 design professionals, including more than 15 LPA certified professionals, understands the requirements and expectations to deliver LPA projects. Thanks to the extensive experience among our project managers, TREKK can guide project teams through the project development process. Project teams collaborate effortlessly within TREKK, and with our clients, to deliver high-quality plans.

Our team of roadway, traffic, structural and hydraulic engineers have in-depth familiarity with LPA programs, design standards and specifications. We take great pride in delivering safe and reliable design engineering services to Missouri residents.

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 uses a variety of tools and technologies to remain responsive to our clients, ranging from in-person meetings to using technology to remain in contact even from a distance. We use Microsoft Teams to conduct virtual meetings, as well as the chat feature for quick conversations among team members. With project specific Microsoft SharePoint sites, we can efficiently share files and data with all project team members. Our team 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:



N Highway 67 & Patterson Road | City of Florissant, MO. TREKK helped Florissant conceptually analyze, complete safety and traffic studies, and apply for and obtain STP-S grant funding for this roadway improvement

project at the intersection of N Highway 67 and Patterson Road. We are providing right of way, drainage and roadway design for improvements along 0.2 miles of Patterson Road, including lane widening, a two way left turn lane, resurfacing, pedestrian facilities and shifting entrances. This project was federally funded through the LPA Program.



Olive Intersections Improvements | City of Olivette, MO. TREKK helped Olivette conceptually analyze and apply for grant funding and is currently providing final design for improvements at two intersections.

Improvements include roadway widening to add dedicated right turn lanes, sidewalk relocation and widening, and a retaining wall. TREKK's services include survey, geometric updates, signal upgrades, hydrologic and hydraulic calculations and drainage plans. This project is funded through MoDOT's Cost Share Program.



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. TREKK provided roadway widening, pavement analysis, culvert extension, lighting, construction management and funding assistance. This project was federally funded through the LPA Program.



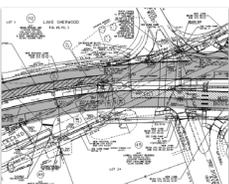
Olive and Lindbergh Interchange | St. Louis Economic Development Partnership. TREKK wrote the funding application and designed safety and operational improvements for this regionally significant interchange.

Our services included roadway, drainage, signal and lighting design; signing and striping; green infrastructure improvements; and construction management. This project was federally funded through the LPA Program.



Highway DD Improvement | MoDOT St. Louis District/City of O'Fallon, MO.

TREKK served on the team for this MoDOT Cost Share reconstruction project. TREKK assisted with the roadway design and was responsible for signals with pedestrian facilities, lighting, ITS, drainage design and construction staging plans. This project was federally funded through the LPA Program.



Midland Boulevard East Resurfacing | St. Louis County Department of Transportation.

TREKK designed resurfacing improvements along 1.45 miles of Midland Boulevard. The project included mill and overlay and base repairs, curb ramp replacement

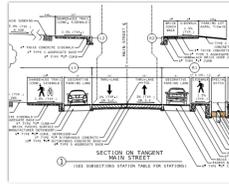
and new curb ramps, stormwater improvements, traffic signal ADA upgrades and ADA-compliant bus stop landing pads. This project was federally funded through the LPA Program.



Baxter Road Improvements | St. Louis County Department of Transportation.

TREKK provided improvements to Baxter Road between Manchester and Clayton Roads. This included mill and

resurfacing of the roadway, constructing ADA-compliant curb ramps, repairing curb and gutter and pavement base, expanded and improved the County's ITS, traffic signal modifications, and bicycle/pedestrian upgrades. This project was federally funded through the LPA Program.



Frenchtown Great Streets - Second Street and Main Street

Improvements | City of St. Charles, MO. TREKK provided enclosed drainage system and bioretention design and hydrologic and hydraulic

calculations for these roadway improvement projects. The projects will provide safe, livable and walkable streets, multi-modal connectivity to surrounding neighborhoods and access to the Missouri River. Second Street is federally funded through the LPA Program; Main Street is locally funded.



North Topping Complete Streets Improvement | City of Kansas City, MO.

TREKK conducted a study and designed corridor improvements to North Topping Avenue. The study reviewed existing roadway conditions and developed options to improve

access to adjacent schools, pedestrian and bicycle connectivity, stormwater management, traffic operations and safety. We designed the recommended improvements, including roadway widening, curb and gutter, sidewalks, retaining wall, enclosed storm sewer and drainage. This project was locally funded.



2025 Roadway Resurfacing | City of Lake Ozark, MO.

TREKK conducted a pavement condition assessment and provided design for the resurfacing of 14,300 linear feet of asphalt roadways in Lake Ozark. GIS based

data helped provide concise bid documents to meet the city's needs. This project was locally funded.



Route 136 Resurfacing | MoDOT Northwest District.

TREKK provided final design plans and traffic control for more than 40 miles of resurfacing on Route 136 from Ravanna to Livonia. Improvements included

resurfacing, guardrail upgrades, regrading slopes, signing and pavement marking replacements and inlet repairs. 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 design team of more than 80 professionals includes experienced practitioners and an innovative next generation of the profession. The design team is fully supported by our 10 in-house survey crews, which provide both traditional land survey and LiDAR services.



Tawn Nugent, PE, DBIA* | Associate Partner.

Tawn leads TREKK's Transportation practice. She brings nearly 30 years of MoDOT and municipal design experience on a variety of roadway, multi-modal and bridge projects. Tawn is especially passionate about projects that improve safety, connectivity and quality of life for all individuals.



Anne Schroer, PE, ENV SP* | Transportation Lead.

Anne is TREKK's Kansas City Transportation Market Lead, bringing more than 22 years in construction and roadway design. Her roadway experience includes urban and rural roadway widenings, bridge replacements and complex/innovative intersections and interchanges.



Mike Brown, PE | Transportation Lead.

As TREKK's St. Louis Transportation Market Lead, Mike brings more than 29 years of experience in roadway and traffic engineering and drainage design. He has managed and designed signals, intersections and ADA facilities and has led conceptual studies for corridors, safety improvements and roadway alternatives.



Erica Ridgway, PE* | Transportation Lead.

Erica brings more than 13 years of experience in transportation and traffic design and safety. Her projects have included roadway, streetscape, lighting and trail design; pedestrian facilities; and ADA improvements. She is also experienced in signal design, including pedestrian facilities.



Paula Gough, PE* | Transportation Engineer.

Paula recently joined TREKK after 30 years with MoDOT's Northeast District, including 18 years as the District Engineer. Paula brings a collaborative approach to project planning, ensuring that the project is well defined and that all stakeholders are engaged to meet schedule and budget commitments.



Jason Shafer, PE | Transportation Engineer.

Jason has developed design plans for numerous MoDOT interchange, highway and bridge projects. His 19 years of experience include 11 years with MoDOT's Southwest District.



Michelle Mahoney, PE* | Transportation Engineer.

Michelle brings more than 33 years of project management and design expertise. She leads multi-disciplined teams in the planning and design of highways and roads, bridges, multi-use trails and drainage projects.



Spencer Osborn, PE, PTOE | Traffic Lead.

Spencer brings creativity and an innovative approach to all our transportation projects, along with a personal passion for traffic engineering. His 10 years of experience includes ADA compliance and pedestrian facilities, safety improvements, and traffic signal and lighting design.



Teresa Krenning, PE* | Traffic Lead.

Teresa has more than 35 years of experience in highway safety and traffic operations. Prior to joining TREKK, Teresa served as a Traffic Operations Engineer for MoDOT's St. Louis District where she oversaw signing, signals and safety asset operations. Her expertise in assessing safety concerns and implementing safety countermeasures is incorporated into all of TREKK's transportation projects.



Sandy Wagner, PE, CFM* | Drainage Engineer.

Sandra's more than 20 years of experience includes roadway drainage design on numerous transportation projects. As a Certified Floodplain Manager, Sandra has a firm understanding of the requirements for development within floodplains.



Adam Peetz, PE* | Utility Coordination & Environmental Lead.

Adam brings more than 21 years of expertise in public infrastructure, site and utility coordination. He helps guide utility coordination, including tracking existing utilities and identifying utility locations.



Mike Klasing, PLS | Survey Lead.

Mike's 31 years of topographic, boundary, hydrographic and LiDAR surveying experience across multiple project types including roadway, bridge and sidewalk projects across all Districts.



Phil Becker, PLS | LiDAR Manager.

Phil brings 16 years of experience with both traditional survey and LiDAR acquisition, extraction, and data management. He has worked on dozens of MoDOT and municipal projects, providing both traditional survey and LiDAR services.

** 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.



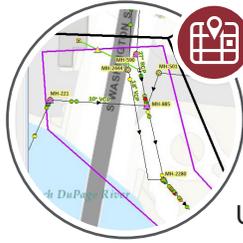
CONSTRUCTION

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



CLEAN WATER.
SAFE ROADS.
RELIABLE INFRASTRUCTURE.

