TREKK Design Group, LLC (TREKK) is a multi-disciplined, women-owned civil engineering firm, committed to helping municipal, state and Federal agencies across Missouri, Kansas and Nebraska plan build and maintain sustainable infrastructure. We are proud to be certified as a Small Business SBA 8(a) Enterprise and as a Disadvantaged/Women Owned Business Enterprise (D/WBE) with the state of Missouri.

TREKK is headquartered in Kansas City, Missouri, with offices in Springfield, Joplin, Columbia and St. Louis, Missouri; Kansas City and Lawrence, Kansas; Omaha, Nebraska; and Memphis, Tennessee.

Our staff of more than 100 individuals includes civil engineers specializing in transportation, traffic and civil infrastructure including water, stormwater and wastewater facilities; construction inspectors; surveyors; GIS technicians and asset managers; and wastewater field technicians. This team includes Missouri Registered Professional Engineers and Land Surveyors, a Professional Traffic Operations Engineer, and Envision Sustainability Professionals. A number of our staff bring previous experience with MoDOT LPA projects.

At TREKK, our purpose is to **IMPROVE LIVES** by providing direction to enable community and personal growth. We do this by offering our clients a full complement of consulting services, including:

- Transportation Engineering
- Traffic Engineering
- Survey and Utility Coordination
- Construction Inspection and Observation
- Civil Engineering
- Water, Stormwater and Wastewater Engineering
- Wastewater Field Services
- Land Planning
- Asset Management and GIS Services

TREKK prides itself on providing quality civil engineering design and consulting services while meeting the budgets and scheduled deadlines of our clients. We have a reputation for consistently delivering successful projects and exceeding client expectations.

Since our founding in 2002, TREKK has been a trusted partner to cities across Missouri, including Kansas City, Columbia, Springfield, Kearney, Belton, Lockwood, Raytown, Greenwood and others. We have provided survey, design and construction inspection on LPA projects in Raytown, Kansas City, Lockwood, Concordia and Kearney.

TREKK approaches every project with the same common sense approach and commitment to **IMPROVING LIVES**.
**Roadway Design.** TREKK’s roadway design projects address budget and site constraints, grading, drainage, utility and permitting challenges, resulting in projects that promote connectivity and accessibility.

TREKK serves all transportation corridors, including roadway, rail and recreational facilities. We offer comprehensive roadway design services, including drainage systems; intersection design, including diverging diamond and diverge-about interchanges and roundabouts; roadway lighting; striping and signage; utility coordination; ADA compliance; survey; and construction inspection services on projects ranging from local roads, to complex interstate highways and design-build projects, to Complete Streets applications.

TREKK’s designs are rooted in a strong understanding of the state and federal standards and procedures that govern transportation projects, including MoDOT LPA specifications, as well as input from the traveling public itself. We are also familiar with local, state and federal project funding mechanisms.

TREKK’s LPA and other transportation design experience includes:

- Bike lanes and roadway improvements on Blue Ridge Boulevard, Raytown, MO
- Roadway design for Doc Henry Road, Greenwood, MO
- Safety improvements for the intersection of Route Z and Route TT for MoDOT
- Roadway and multi-use trail design for Oak Grove Road, Kansas City, KS

**Trails and Sidewalks.** TREKK is fully committed to designing transportation facilities that enable the safe access of all users. In addition to our roadway design experience, we are also well versed in the design of sidewalks, bike and pedestrian trails. We apply our training in ADA principles to provide survey, design and construction inspection for ADA-compliant, pedestrian accessible sidewalks, ramps and transitions.

We believe in the importance of building connectivity in communities. TREKK has designed and/or provided construction inspection on Safe Routes to School projects in Kearney, MO and Kansas City, KS. We have also improved connections to hospitals, transit facilities and recreational areas.

TREKK’s trail and sidewalk experience includes:

- Sidewalk geometrics, ADA ramps and storm sewer design for a sidewalk improvement in Lockwood, MO
- Survey and sidewalk design, including a flashing beacon school crossing for two Safe Routes to School projects in Kearney, MO
- Survey and design for ADA-compliant curb ramps at 70 locations in University City, MO
- Survey and design for a 0.45 mile multi-purpose trail in Concordia, MO
Traffic Engineering. TREKK offers a full range of traffic engineering and transportation planning services. We strive to provide cost-effective solutions that target motorist and pedestrian safety while easing traffic congestion. Our experience includes intersection design, traffic calming evaluation and design, signing and pavement marking, street and parking lot lighting and traffic signal design and maintenance of traffic and traffic control plans. We have completed walkability studies and traffic studies, including capacity evaluations, impact studies, trip generation, level of service evaluations, sight distance studies and signal warrant analyses. We have provided traffic control plans for all types of interchange design projects.

TREKK’s traffic engineering experience includes:

- Design of ADA-compliant sidewalk, turn lane and signal modifications, signing and pavement markings for improvements to the I-29 and 72nd Street Interchange in Kansas City, MO
- ADA retrofit consultation and pedestrian signal recommendations for Emanuel Cleaver II Boulevard in Kansas City, MO
- Advance signing and design of school crossing flashing beacon system for a Safe Route to School project at Kearney, MO Elementary School
- Roadway lighting, signal design and communications interconnect for the I-35 Pleasant Valley Interchange
- Traffic impact studies for retail developments in Kansas City, MO and Manhattan, KS and parking facilities in Kansas City, MO; Kansas City, KS; and Overland Park, KS

Construction Inspection. TREKK’s Construction Inspection Team has provided inspection services for the construction of roadway; bridge; pipe infrastructure, including sanitary and storm sewers; and wastewater and water facility projects. We understand the importance of personally communicating with concerned residents and business owners to minimize complaints to your staff, as well as being good stewards of taxpayer dollars. By acting as your eyes and ears in the field, we help our clients avoid the significant schedule delays, costly budget overruns and inconveniences to the public that may result from construction errors. Our inspectors have completed the MoDOT Technician Certification Program and hold LPA Construction Inspection certification.

TREKK’s inspectors also use proprietary equipment, like our TREKK 360° Camera, to facilitate the inspection process. This cost-effective tool gives our clients a 360° view of the interior of pipes during post-construction inspection. Our experience includes LPA construction inspection for the Front Street and Longview Road projects in Kansas City and the Southview Elementary Safe Route to School in Kearney; and numerous KDOT LPA roadway projects for the Unified Government of Wyandotte County/Kansas City.
Surveying & Subsurface Utility Engineering (SUE) Services. Our six survey crews offer survey experience for transportation projects. They can provide any legal, design and construction surveys required, including legal boundary surveys, land and topographic surveys, GPS, ALTA and as-built surveys and construction staking. We provide property ownership and right-of-way research, easement descriptions, mapping of storm and sanitary manholes, inlets, structures, pipe sizes, top and flow line elevations, mapping of utilities, mapping surface features and topography.

Our SUE services provide seamless coordination with the One-Call service, local utilities and cooperatives to identify buried infrastructure in a timely fashion and locate it for survey and design. TREKK can also locate your utilities in One Call if unresponsive. This service helps reduce costs associated with misinformation, incomplete data and man hours for change orders during construction. TREKK owns six fully-equipped survey trucks. We continue to upgrade our equipment to keep up with the latest technology and best serve our clients.

Our survey crews have provided topographic survey and utility coordination for a number of LPA projects, including the Trail of Memories in Concordia, the Highway 13 walking trail in Richmond, and the Blue Ridge Boulevard Bike Lanes and 59th Street Sidewalk projects in Raytown.

Water & Wastewater. TREKK is one of a few firms in the Midwest to provide comprehensive services for the evaluation, condition assessment, diagnosis, rehabilitation and design of storm, sanitary and combined sewer and potable water systems. Our engineering and wastewater field services teams work together to provide survey and construction inspection for water and wastewater distribution, treatment and conveyance projects. Our cleaning and televising crews often help our utility locating and survey staff complete potholing and vacuum excavations, as well as identify issues that other locators cannot find.

Asset Management & GIS Analysis. TREKK helps clients inventory their assets, determine their condition, identify failure modes, rate risk levels, prioritize and establish maintenance plans and develop long-term funding strategies. We use GIS for asset management planning and asset mapping to identify sanitary and storm sewer locations, wetland locations and buffer zones, and property boundaries for survey. We are constantly developing and refining effective and efficient methods for data processing, analysis and QA/QC to better serve our clients.

The TREKK CIP ASIST program gives communities a complete view of their infrastructure assets, allowing them to complete improvement projects simultaneously to save time, money and lessen community impacts.