



# TRANSPORTATION SERVICES

CLEAN WATER. SAFE ROADS. IMPROVING LIVES.

[WWW.TREKKLLC.COM](http://WWW.TREKKLLC.COM)



## ABOUT US

TREKK Design Group (TREKK) is a multi-disciplined civil engineering firm, dedicated to IMPROVING LIVES in the communities we serve. Put simply, our mission is to deliver safe roads and clean water. TREKK provides holistic, commonsense solutions to solve our clients' problems. We are certified as a Disadvantaged/Women Owned Business Enterprise (D/WBE) in Missouri.

## AWARD-WINNING EXPERIENCE

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 and construction inspection services on a wide range of projects.

Our award-winning transportation team has been involved with the development of some of the most innovative transportation solutions to date, including the design of Missouri's first diverging diamond interchange, Kansas' first roadway design-build project, Single Point Urban Interchange (SPUI) traffic signals, roundabouts and design-build roadway projects.

TREKK offers a full complement of engineering planning, inspection and design services, including transportation, traffic and structural engineering; stormwater, water, wastewater and infrastructure condition assessment and design; construction inspection; asset management and GIS; survey and utility coordination.

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 sidewalks, bike and pedestrian trails. We apply our training in ADA principles to design ADA-compliant, pedestrian accessible sidewalks, ramps and transitions. We bring these learned skills to every transportation design project we perform.



IMPROVING SAFETY, CONVENIENCE  
AND ACCESSIBILITY FOR ALL USERS.

# 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.



## 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.



## 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.



## 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.



## 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 which give the most benefit.



## 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 which reflect the bigger picture of making all modes function together efficiently.



## SURVEY

Survey data provides the foundation for any transportation project. Our nine in-house survey 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.



## UTILITY COORDINATION

TREKK's SUE and utility accommodation and coordination team works to safely locate and document underground utilities. We provide seamless coordination with One Call service, local utilities and cooperatives to quickly identify buried infrastructure and locate it for survey and design. We have long-standing relationships with local utilities and an understanding of utility location regulations, protocols and codes.



# HOW TREKK CAN HELP

TREKK offers a full complement of engineering planning, inspection and design services, including transportation, traffic and structural engineering; stormwater, water, wastewater and infrastructure condition assessment and design; construction inspection; asset management and GIS; survey and utility coordination. Our broad array of transportation-related services include the following:

- 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
- Intelligent Transportation Systems
- Intersection geometric improvements
- Lighting design
- Park and trail design
- Pavement marking and signing
- Pavement rehabilitation
- Roadway and interstate highway design
- Roadway safety audits
- 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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**TREKK**  
DESIGN GROUP, LLC