



**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:

**GFT Infrastructure, Inc.**

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Firm Contact Name:

Nicole Hood, PE

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Contact Email  
Address:

nahood@gftinc.com

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Firm's Mailing Address:

2400 Pershing Road, Ste. 400

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Kansas City, MO 64108

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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**

# Letter Of Interest



December 12, 2025

Missouri Department of Transportation  
LPAOnCall@modot.mo.gov

## RE: MoDOT 2026-2029 LPA On-Call Solicitation - Traffic Engineering & TEAP

Dear Selection Committee Members,

GFT would like to be considered for the 2026-2029 LPA on-call contract for Traffic Engineering & TEAP. We are committed to serving Missouri communities to “provide a world-class transportation system that is safe, innovative, reliable, and dedicated to serving customers for a prosperous Missouri” as we partner together for the next three years. We are prequalified with MoDOT E-Verify, financial, and LPA Basic Training.

### GENERAL EXPERIENCE OF FIRM

For almost 60 years, GFT has provided traffic engineering in Missouri and is now one of the top engineering firms in the country ranked #6 overall in Transportation, and #8 in Missouri Design Firms in the Midwest by ENR for 2025. Our experience in traffic engineering is related to the evaluation, design, and rehabilitation of intersections, highways, interchanges, and ADA facilities. We pride ourselves on consistently providing unsurpassed service and quality under time constraints while remaining within MoDOT’s project budget.

### PAST PERFORMANCE

#### I-35 and Route 152, Liberty, MO Funding: Federal

Route 152 over Interstate 35, Kansas Street, and Route 291 and Kansas Street are critical junctions for the City of Liberty. The project included a traffic study, preliminary plans, and final design plans for the I-35 and Route 152 displaced left-turn interchange. The project also included through lanes and turn lanes along Kansas Street and Route 291, pedestrian improvements along Kansas Street, and a new intersection at Kansas Street and Route 291. The project’s goal was to accommodate development, improve traffic flow and safety, and reduce congestion.



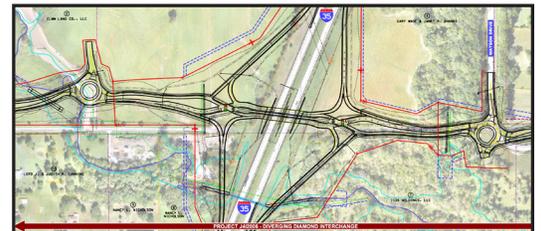
GFT’s team performed a detailed traffic projection and traffic modeling analysis and provided alternatives with cost estimates for improving the overall corridor traffic operations. GFT also modeled and compared several types of alternate interchanges.

Due to the capacity constraints, high left-turn volumes, and elevated through volumes, a displaced left-turn interchange was determined to be the best alternative. Traffic design elements included signing, markings, traffic signals, signal interconnect, lighting, and work zone traffic control. The signing design for this new interchange type was a critical component, as well as maintaining traffic during construction for this important corridor for the City of Liberty.

**Reference:** Juan Yin, Project Manager, MoDOT, (816) 607-2216

#### I-35 & 19th Street Interchange, Kearney, MO Funding: State

GFT prepared an Access Justification Report (AJR) and AJR addendum for this project. This work included collection of traffic volume data, development of traffic projections via a “sketch” travel demand model, operational analysis using Synchro and Vissim, and preparation of the AJR document and policy point evaluation. This project included a new DDI interchange design and new roadway over I-35 along with two roundabout intersections at adjacent roadways. Traffic design elements included signing, markings, traffic signals, lighting, and work zone traffic control.



**Reference:** Jeff Hardy, PE, MoDOT, (816) 607-2266

# Letter Of Interest

## Traffic Engineering Assistance Program, Statewide, MO Funding: Federal

The Traffic Engineering Assistance Program (TEAP) in the State of Missouri is designed to provide cities and counties, preferably smaller jurisdictions, with traffic engineering expertise. GFT has provided these services for Missouri since 2011. Typical studies under this program have included crash analyses, speed zone investigations, capacity and level of service analyses, warrant studies, school area traffic control, signing and pavement marking inventories and evaluations, and planning/geometric analyses. Under this contract, GFT performed the following Safety Studies:

- ▶ **West Plains:** Conducted a school area traffic control analysis along the city's primary street system adjacent to several R7 schools, specifically West Plains Elementary School, West Plains Middle School, and West Plains High School. The study also included a review of the safety and operational conditions at the Business Route 63 and Howell Avenue intersection. Based on our analyses, we recommended that the city implement roundabout control at this intersection. A conceptual layout of a single-lane roundabout was prepared for the intersection.
- ▶ **Peculiar:** Conducted a corridor analysis along Route C between Peculiar Drive and Schug Avenue. Reviewed existing safety and operational conditions along the corridor, and recommended several short-term and long-term improvements. Improvements included eliminating the five-leg intersections with Peculiar Drive, adding left-turn lanes at several intersections, and construction of a dual-lane roundabout at the intersection of Route C and Main Street.
- ▶ **Liberty:** Reviewed operational and safety conditions at Mill Street and Lightburne Street intersection. To address the inefficient intersection operations during the peak hours, some improvement measures were recommended to replace the existing east/west split phasing of the signal, remedy queuing problems, and better accommodate pedestrians. Two alternatives were developed for the city's consideration, with roundabout control recommended to address congestion and safety in a long-term manner.
- ▶ **Monett:** The study included a review of the operational and safety conditions along Central Avenue between Broadway Avenue and Cleveland Avenue in Monett, MO. Several improvements were identified to address existing deficiencies and promote complete streets concepts to accommodate all road users. Recommendations included the replacement of curbs and sidewalks and cross-section modifications for 11-foot travel lanes to provide the most benefits for pedestrians. Additionally, our team utilized existing adjacent local streets as Bike Boulevards and modifications at two intersections to create more conventional geometrics. Our team is currently designing this project with a new roundabout at Central and Broadway.
- ▶ **Grandview:** Reviewed operational and safety conditions at the intersections of Highgrove Road and Byars Road, Grandview Road and Duck Road, and White Avenue and 149th Street. At Highgrove Road and Byars Road, the team identified several alternatives to better facilitate east/west left-turn movements for the city's consideration, including a recommended alternative of a four-lane section with a left-turn lane for east/west traffic, two eastbound lanes, and one westbound lane. At the other two intersections, two-way stop control was determined to be the most appropriate form of intersection control.
- ▶ **Cameron:** The study included an intersection control signing analyses for the study area bounded by 4th Street, 8th Street, Harris Street, and West Street. Based on the site investigations, all of the study intersections require some form of control signing due to the existing corner sight restrictions (e.g., trees or other foliage, parked vehicles, and houses). The team illustrated the proposed control signing recommendations for the study area intersections for the city's use.
- ▶ **Parkville:** The study focused on operational and safety conditions at the intersections of Crooked Road at River Hills/National Drive and National Drive at River Hills/National Drive. The analyses also included an assessment of conditions based on projected traffic volumes when a nearby residential development is completed. Several signing and pavement marking improvements were recommended at the study intersections.



**Reference:** Andrew Seiler, Transportation Planning Specialist, (417) 895-7696, [andrew.seiler@modot.mo.gov](mailto:andrew.seiler@modot.mo.gov)

## QUALIFICATIONS OF PERSONNEL



**Mike Wahlstedt, PE, PTOE - Project Manager/Lead Traffic Engineer** - Mike has 35 years of experience engineering traffic solutions for clients across the country. He has an extensive background as project manager and project engineer with a wide range of transportation related projects, including both operations (traffic signal design, traffic signal systems, traffic control, signing and pavement marking design, safety studies, traffic calming, etc.) and planning (corridor studies, traffic impact studies, simulation modeling, traffic impact fee analysis, etc.). Mike has extensive experience with the development and implementation of coordinated traffic signal timings, ranging from short corridors to systems that cover entire business districts. He has worked with a wide variety of controller systems and has implemented time-based, closed loop and traffic responsive operation. His recent traffic engineering projects include: [I-35 & 19th Street Interchange](#), [I-35 and Route 152](#), [Route N and U Traffic Signal Optimization](#), and [Liberty Montage Development Supplemental Traffic Analysis](#).

# Letter Of Interest



**Slade Engstrom, PE, PTOE - Project Manager/Lead Traffic Engineer** - Slade is a leader in the GFT traffic community with 23 years of experience. His background as a project manager and project engineer includes a wide range of transportation related projects, including both operations (traffic signal design, traffic signal systems, traffic control, signing and pavement marking design, safety studies, traffic calming, etc.) and planning (corridor studies, traffic impact studies, simulation modeling, utility planning, etc.) as well as roadway, utility, drainage, and bridge design. Slade Engstrom has led numerous innovative advancements in his time with GFT. Slade initiated the Intelligent Traffic Systems (ITS) work with the Kansas DOT as well as Traffic Management Center (TMC) operations. His traffic engineering projects include: [Route N and U Traffic Signal Optimization](#), [US 50 and Blackwell Interchange](#), [TSM&O Plan for the Wichita Metro Area](#), and [Traffic Engineering for the Wichita Traffic Management Center](#).



**Jim Stanek, PE, PTOE - Project Manager/Lead Traffic Engineer** - Jim has 37 years of traffic experience and has managed and overseen a variety of traffic engineering assignments for GFT. His responsibilities include traffic engineering design and analysis, with specific involvement on signing and pavement marking design, traffic engineering studies, signalization and interconnection projects, work zone traffic control, and intersection geometric design. In his 32 years with GFT, he has completed numerous traffic engineering design projects for MoDOT and KDOT, and has completed local road safety plans in over 80 Kansas counties. His recent traffic engineering projects include: [I-35 and Route 152](#); [Route M Roundabout Design](#); [I-35 & 19th Street Interchange](#); and [MoTEAP studies in Cameron, Grandview, Harrisonville, Independence, Monett, Pleasant Hill, Raymore, and West Plains](#).



**Matt Parker, PE, PTOE - Lead Traffic Engineer** - Matt brings 17 years of traffic engineering and planning experience including impact and capacity analysis, planning and safety studies, intersection design, access management, traffic signal design and coordination, traffic calming, data collection, temporary and permanent traffic control design, lighting design, ITS planning and design, traffic signal standard drawing and specification development, and project management. He also brings experience with other clients in complete streets, school safety studies and designs, GIS, automation, and TEAP in Kansas and Missouri. His recent traffic engineering projects include: [I-35 & 19th Street Interchange](#), [Karats Revised PDP Traffic Impact Study](#), [Allenton Road Reconstruction](#), and [Ingram Road over US 60](#).



**Kiara Gallegos, PE - Traffic Designer** - Kiara is a civil engineer with seven years of experience working on an assortment of traffic and roadway projects. Her responsibilities include traffic engineering design and analysis, signing and pavement marking design, traffic control, and traffic impact studies. Kiara has been involved in several KDOT TEAP studies as well as several KDOT Local Road Safety Plans. For this on-call, Kiara will provide additional traffic design support. Her recent traffic engineering projects include: [Fort Polk Traffic Study](#), [I-35 & 19th Street Interchange](#), [I-70 Twin Bridge Replacements over Route AA](#), and [Pryor Road](#).



**Nicole Hood, PE - Project Manager/Lead Traffic Engineer** - Nicole joined GFT after 29 years with the Missouri Department of Transportation (MoDOT), most recently serving as the State Highway Safety and Traffic Engineer. Nicole's experience includes traffic operations, highway safety, program delivery, design, and planning. Her focus on safety shows through her leadership on initiatives she led while at MoDOT such as the Safety Response Team for Work Zone and Highway Safety priorities. As a vital contributor to the Statewide Transportation Improvement Program (STIP), she delivered over 75 STIP commitments totaling \$126 million as a project manager. She is a proven leader delivering on projects and promoting opportunities for a safer more efficient infrastructure. Her recent traffic projects include: [Multiple Safety Action Plans in Kansas](#), [Marion Ralls Port Authority Traffic Study](#), [NDOT I-80: Newberry Interchange to US-30](#), and [KDOT SW KS Highway Mobility and Expansion Study](#).

## FAMILIARITY/CAPABILITY

Our staff are well-versed in MoDOT standards, as well as federal and MoDOT LPA requirements, documentation, and processes. Our team frequently follows guidelines set by the **EPG, MUTCD, AASHTO Manuals, ITS Manuals, Traffic Signal Timing Manual, Highway Capacity Manual, Highway Safety Manual, Interstate System Access Informational Guide**, among others. Our team uses **Jamar traffic counters, turn count boards, Miovision traffic counters, GPS data recorders**, and more to gather traffic data.

## ACCESSIBILITY

Missouri communities are very important clients for our Kansas City and St. Louis offices and we will make our team available to you 24/7. The following projects are examples of how we responded immediately. On I-29 and Tiffany Springs Parkway interchange we responded within 24 hours of requests for information for the northbound off ramp pavement markings during construction. For the I-49 and Route 291 AJR review request for additional information, our timely response kept the project on schedule.



Transportation  
Water  
Power

► WHO WE ARE

## Ingenuity That Shapes Lives™

Buildings  
Construction

Essential infrastructure touches all of our lives – so how can we shape it for the better? At GFT, a privately held AEC firm, we innovate where transportation, water, power, and buildings converge. **We call this the Infrastructure of Life.**

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We measure our success by the strength of our relationships – that’s why we’re the employer of choice for 5,500+ of the industry’s brightest engineers, planners, architects, inspectors, designers, construction managers, and more.

Our clients choose us for our expertise and prefer us for our nimble approach, creativity, and personal touch. Backed by over a century’s experience, together, we’re building a world where infrastructure creates well-being and opportunities for everyone.



**Client  
satisfaction  
ratings over**

**90%**

when surveyed



➤ OUR MARKETS

# Infrastructure of Life

Our team of experts design, engineer, and construct resilient, creative solutions that uplift communities across North America.

Through technical excellence and enduring client relationships, we create better access and opportunities for people every day.

- Transportation
- Water Resources
- Power
- Education
- Federal
- Life Sciences
- Civic
- Industrial

## Engineering News-Record Annual Rankings

- #6 Transportation
- #8 Mass Transit and Rail
- #10 Pure Designers
- #6 Bridges
- #9 Dams and Reservoirs
- #22 Education
- #8 Highways
- #14 Water Treatment, Desalination Plants
- #16 Water Supply
- #18 Top 500 Design Firms
- #40 Designers in International Markets



**5,500+**  
dedicated professionals



**110+**  
year history of ingenuity



**130+**  
offices across North America



# Transportation

GFT has partnered with clients to improve how people and goods move across today's connected transportation networks. We provide consulting, engineering, and architecture solutions that balance innovation with practicality, focused on delivering systems that work for the people who rely on them every day. Our 5,500 professionals in more than 130 offices across the U.S. offer a full range of advisory, planning, design, and construction management services. We take a collaborative, hands-on approach that helps clients address complex transportation challenges with clarity and confidence. As a single source for integrated transportation solutions, GFT supports every stage of project delivery. From early planning through construction, our award-winning planners, architects, engineers, and construction managers guide each effort with technical excellence and a personal commitment to quality.

## Transportation Capabilities

GFT's transportation professionals bring deep experience supporting agencies, cities, and states as they enhance mobility, safety, and resilience. We help clients tackle complex transit and infrastructure challenges through data-driven, people-focused solutions. Our expertise spans nearly every mode and phase of transportation, from planning and grant management to design, construction, and program delivery. We work closely with clients to define challenges, deliver results, and bring their vision to life.

GFT delivers a comprehensive suite of traffic engineering and transportation planning services for a diverse range of public- and private-sector clients. Our traffic team brings proven expertise across all project scales—from targeted intersection improvements to complex corridor studies, thoroughfare planning initiatives, freeway access modifications, and new land development assessments.

We provide skilled analysis and design services including traffic and parking studies, microsimulation modeling, maintenance-of-traffic planning, traffic signal and signal system design, signal timing optimization, and street lighting design. Our team is equipped to support every phase of a project with precise, reliable, and responsive traffic solutions tailored to our clients' needs.



### Traffic Solutions Include:

- Corridor studies
- Interchange studies
- Traffic impact studies
- Safety studies / road safety audits
- Turn lane warrant studies
- Alternatives evaluation including innovative interchange / intersection solutions
- Parking studies
- Speed studies
- Capacity analyses
- Roundabout analysis and design
- Micro-simulation modeling
- Traffic data collection / field inventories
- Traffic signal warrant studies
- Traffic signal design
- Traffic signal system design
- Traffic signal coordination timing development
- Roadway lighting analysis & design
- Work zone traffic control and maintenance of traffic
- Urban street and freeway pavement marking
- Urban street and freeway signage
- Travel demand modeling
- Construction cost estimating

## OUR SERVICES

▶ **TRANSIT & RAIL PLANNING**

▶ **TRAFFIC ENGINEERING & OPERATIONS**

▶ **BRIDGE DESIGN & INSPECTION**

▶ **ROADWAY & CORRIDOR IMPROVEMENTS**

▶ **MULTIMODAL PLANNING & DESIGN**

▶ **ENVIRONMENTAL & RESILIENCY SERVICES**

▶ **GRANT & COMPLIANCE SUPPORT**



# Construction Services

GFT has partnered with clients to improve how people and goods move across today's connected transportation networks. We provide consulting, engineering, and architecture solutions that balance innovation with practicality, focused on delivering systems that work for the people who rely on them every day. Our 5,500 professionals in more than 130 offices across the U.S. offer a full range of advisory, planning, design, and construction management services. We take a collaborative, hands-on approach that helps clients address complex transportation challenges with clarity and confidence. As a single source for integrated transportation solutions, GFT supports every stage of project delivery. From early planning through construction, our award-winning planners, architects, engineers, and construction managers guide each effort with technical excellence and a personal commitment to quality.

## Construction Services Capabilities

At GFT, our construction professionals turn plans into lasting infrastructure. We work alongside agencies, owners, and contractors to deliver projects that improve safety, mobility, and quality of life. From inspection and field services to program management and project controls, we bring practical insight and technical precision to every assignment. Our people-first approach builds trust and drives performance, helping clients complete complex projects efficiently and confidently. Backed by many years of experience, we're proud to shape the places and systems that keep communities thriving.

### Driving Project Success

**End-to-End  
Construction Oversight**

**Streamlined  
Project Delivery**

**Reliable Cost, Schedule,  
& Quality Management**

**Skilled Field Teams  
for On-site Execution**

## OUR SERVICES

▶ **CONSTRUCTION  
MANAGEMENT**

▶ **CONSTRUCTION ENGINEERING  
& INSPECTION**

▶ **PROGRAM MANAGEMENT**

▶ **PROJECT CONTROLS**

▶ **FIELD SERVICES**

▶ **SAFETY OVERSIGHT**

▶ **QUALITY ASSURANCE/  
QUALITY CONTROL**



*MoDOT Route 30 CEI - St. Louis County, MO*



*MoDOT CEI Bundle in Clay County, I-435 - Clay County, MO*