



**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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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 - Roadway Design

Dear Selection Committee:

GFT would like to be considered for the 2026-2029 LPA On-Call contract for Roadway Design. We are committed to serving MoDOT and helping you “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, and LPA Basic Training.

General Experience of Firm

Ranked #6 nationally in Transportation and #8 among Missouri’s Top Design Firms by ENR in 2025, GFT stands among the country’s premier engineering firms. For nearly 60 years in Missouri, our team has delivered innovative solutions in the design and rehabilitation of intersections, highways, interchanges, and ADA-compliant facilities.

Past Performance

Lee’s Summit Road Improvements **Funding: Federal & Local**

This study encompassed a six-mile long corridor from the junction of Lee’s Summit Road and US 40 to the Douglas Street interchange with I-470 in Kansas City and Lee’s Summit, MO. The study process included horizontal and vertical alignment modifications, sidewalk and trail options, and pavement and typical section options. Public involvement efforts included stakeholder meetings, distributing quarterly newsletters to 500 interested property owners and parties, and hosting two public meetings. The second phase was the design phase for the southern improvements which was recently constructed. GFT provided services from the beginning through construction. The project included a trail, phasing, MOT and a traffic signal.

I-35 and 19th Street Interchange **Funding: Local & State**

This project included the design of a new DDI and a new roadway over I-35 along with two roundabout intersections at adjacent roadways. GFT’s responsibilities included:

- Documenting project design criteria
- Coordinating with subconsultants for survey collection, right-of-way information, and base mapping
- Performing roadway geometric design and 3D modeling
- Preparing quantities and construction cost estimates
- Developing erosion control plans
- Preparing right-of-way layouts
- Producing concrete joint layouts
- Designing guardrail and barrier layouts
- Preparing plan sheets



- Designing the sanitary sewer relocation
- Coordinating roadway drainage design and cross-road structures
- Developing bridge layouts and design
- Designing the MSE wall
- Attending the public meetings
- Conducting the workday study

I-70 Interchange Reconstruction **Funding: Local & State**

The City of Grain Valley engaged GFT to develop conceptual designs using practical design principles to keep costs feasible, verify the concepts complied with environmental requirements, and assist with funding applications. GFT performed a traffic study and noise analysis outlining the traffic flows and safety enhancements to determine the best reconfiguration for Route AA, Route BB, US 40, and the I-70 ramps.

GFT designed the approved concepts that evolved into five distinct implementation segments. A mile of US 40 and its intersection with Route AA was relocated 400 feet south of the interstate, with a cost-effective configuration for US 40. Route AA, south of I-70, was upgraded to two through lanes plus a center turn lane, a solution that minimized right-of-way requirements. The existing I-70 bridge was reused rather than replaced, with lanes added behind the bents and new turn lanes to expand capacity and accommodate widening of Route BB to four lanes. In addition, the roadway profile under the bridge was lowered to improve vertical clearance. The North Outer Road was relocated 590 feet away from the ramps for better access management. GFT also designed the subsequent project replaced the twin I-70 bridges over Route AA, improving vertical clearance and configuring the new structures to accommodate a future six-lane section of I-70.

Letter Of Interest

Past Performance (Continued)

I-35 and Route 152 Funding: Local, State, & 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 and final design plans for the I-35 and Route 152 displaced left-turn interchange, additional 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.

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.



Central Avenue TEAP Study Funding: Local, State, & Federal

The results of this study were used to obtain federal funds through a TA grant. The study provided suggestions to make Central Avenue safer for pedestrians and bike riders as well as motorists. After the study, GFT provided services to design improvements for sidewalks and storm sewer systems along Central Avenue from Bond Street to Cleveland Avenue. The improvements include ADA compliant sidewalks on both sides of Central Avenue, improved access at 1st and 2nd Streets, upgrades to existing storm inlets, and new decorative street lighting.

South Liberty Parkway Design Build Funding: Local

GFT design included unique inverted cross-sections to allow storm runoff from the roadway and adjacent slopes into the depressed median, where storm sewer inlets and pipes move the water back into natural channels along the road. This innovative green solution provides pre-treating of stormwater runoff to reduce pollution, as well as lowering excavation costs and storm sewer infrastructure costs. GFT environmental group also provided the city with a stormwater pollution prevention plan. The project also included the installation of approximately 3.5 miles of 16-inch water main, 0.4 miles of 12-inch water main, and extension of 12-inch waterline along Withers Road (Phase 1) of the project.

GFT was the lead designer for the \$24 million project that was completed in October of 2018 and also provided services during construction, including quality assurance for materials testing. Upon completion, the South Liberty Parkway now offers more than 1,000 acres of land ready for development.

Letter Of Interest

Qualifications of Personnel



Jessica Smith, PE

Jessica is the Roadway Group Leader for the Midwest Area and has 16 years of design project management experience that stretches across many transportation engineering disciplines from public agency to railroad. She has experience on linear transportation to structures and facilities. She will draw on this experience so the appropriate resources are allocated to the project and the client's vision is executed according to standards, best practices, on-time and within budget.



Doug Parke, PE

Doug has 36 years of experience in all aspects of roadway design including rural and urban highway design, intersection/interchange modifications, roadway rehabilitation, and the design and analysis of enclosed storm sewers and culverts. Doug's responsibilities have also included project management, coordination with subconsultants, communications with federal, state and local reviewing agencies as well as ensuring federally funded projects are compliant with federal law. Doug is LPA certified.



Justin Adams, PE

Justin has 28 years of experience in highway and roadway engineering on MoDOT projects. He works with Bentley OpenRoads to develop dynamic models that allow viewing the effects of modifications to alignments, profiles, and typical sections on the fly. Leveraging the realtime capabilities of the design software with 3D point clouds and traditional survey base mapping, he is able to continually evaluate the design impacts to existing infrastructure, utilities, and property owners. Justin is LPA certified.



Erick Parke, PE

Erick is a roadway engineer with 26 years of experience. He has led and participated in many MoDOT and Missouri municipal projects. His projects have improved traffic flow, safety, and geometric efficiencies. He has designed or assisted in the design of bridge approaches, highways, freeways, roundabouts, and signalized intersections.



Jon Batchelor, PE

Jon is a roadway engineer with 11 years of experience on roadway, highway, trail, and ADA improvement projects. He has worked on numerous projects with federal, state or local funding. He has worked on roundabouts, state highways, and bridge projects. Jon is LPA certified.



Abdoulaye Balde

Abdoulaye has 10 years of experience in roadway and transportation design. His expertise includes geometric layout, corridor modeling, storm drainage, and erosion control for highway and bridge projects. He has contributed to complex interchange and ADA improvements, bridge replacements, and roadway rehabilitation projects, delivering complete plan sets, quantities, and specifications with a strong emphasis on safety, efficiency, and constructability.

Familiarity/Capability

Our staff are familiar with MoDOT's standards, documentation processes, and software. Our team is certified in the LPA process and fully-versed in design and regulatory requirements defined in the EPG, AREMA, MUTCD and by USDOT.

Accessibility

GFT Infrastructure, Inc. is committed to providing MoDOT with responsive and accessible service. With offices in St. Louis and Kansas City, our staff prioritizes prompt communication and strives to respond to MoDOT requests on the same day they are received. We remain available at any time to address project needs. When in-person meetings are not possible, we use Microsoft Teams for instant messaging and virtual meetings, enabling screen sharing and real-time collaboration to efficiently resolve any issues.



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.**

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, and 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. Whether developing new transit facilities, performing systems analysis, or conducting compliance and triennial reviews, we work closely with clients to define challenges, deliver results, and bring their vision to life.

We know what it takes to plan, design, build, safely operate, and maintain roadways. We've completed thousands of miles of multilane and split-level roadway designs. Our final designs include interchanges ranging from the simple diamond type in rural areas to complex, diverging diamond, and single-point urban interchanges. While we're best known for major highway design, we also design two-lane arterials, realignments, and bridge approaches – all the parts necessary to complete the transportation ecosystem. And, we have expertise in localized streetscape, traffic calming, context-sensitive solution design, and Institute for Sustainable Infrastructure (ISI) recognized initiatives. Urban or rural, simple or complex – whatever the location or project needs, we work alongside you to achieve the optimal, localized approach to your project.



Roadway Solutions Include:

- Advanced mobility
- Alternative delivery
- Asset management
- Construction management
- Design
- Geographical information systems (GIS)
- Infrastructure resiliency
- Inspections
- Managed or express lanes
- NEPA documentation
- Noise analysis, modeling, & design
- Planning
- Program management
- Stormwater & drainage management
- Toll infrastructure & facilities
- Toll system integration & interoperability
- Transportation operations
- Utility coordination

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