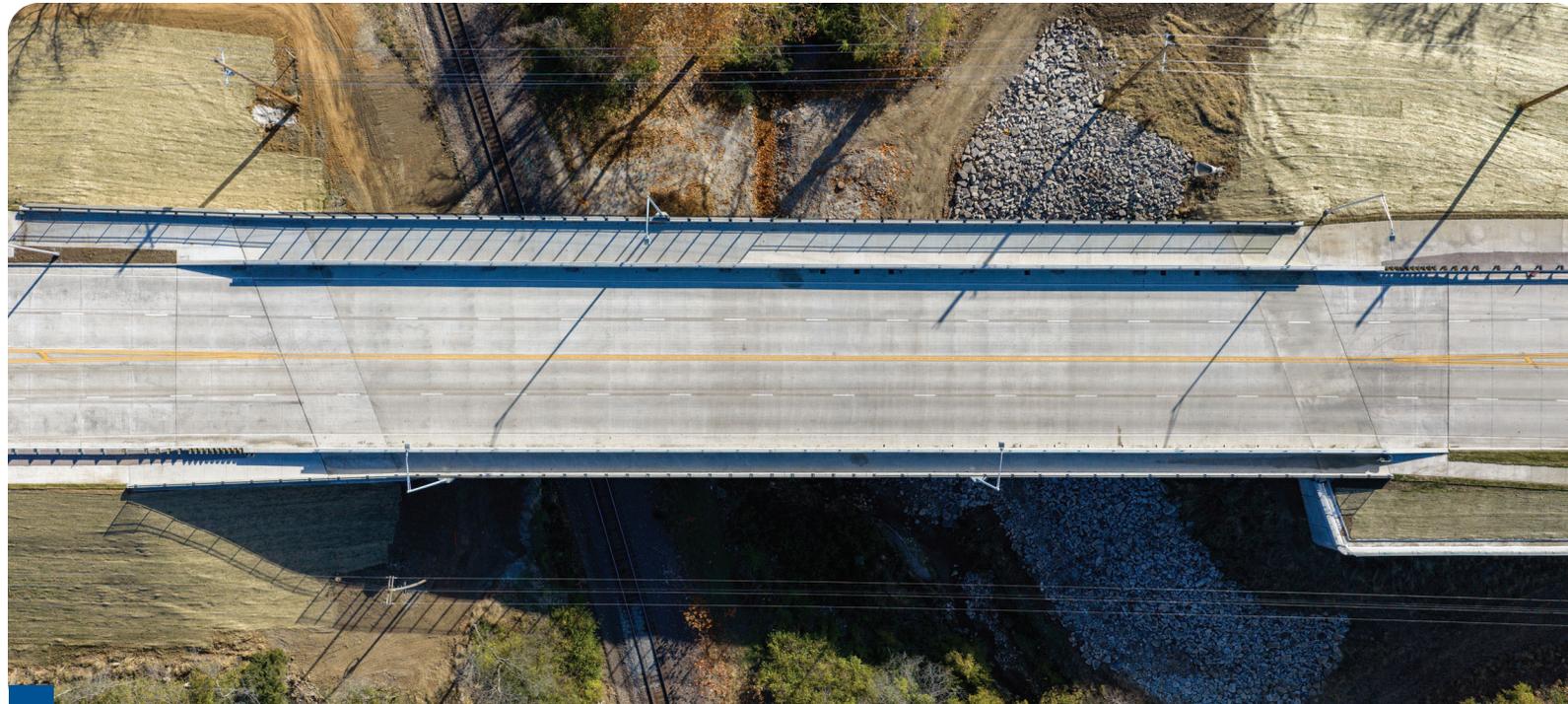




## MISSOURI'S LOCAL PROGRAM

### » INNOVATIVE SOLUTIONS

When it comes down to it, we are more than just engineers, planners, and architects. We plan, survey, design, manage construction, and even operate facilities. We don't just provide project solutions; we deliver forward-thinking, data-driven approaches that elevate traditional project delivery and move Missouri communities forward.



## ➤ FULL-SERVICE EXCELLENCE, MORE THAN A CENTURY OF EXPERIENCE

With more than a century of delivering infrastructure projects, Garver is a full-service firm that guides projects from concept to completion through innovative, cost-effective design and efficient scheduling. Leveraging our comprehensive in-house expertise including environmental services, architecture, surveying, design, and construction management the Garver Team provides integrated solutions that streamline delivery and deliver project success.

### ENVIRONMENTAL

- NEPA Documentation
- Environmental Compliance
- Public Involvement
- Agency Coordination
- Biological and Habitat Evaluations
- Hazardous Materials Investigations
- Cultural Resources Investigations
- Noise Modeling
- Farmland Impacts Evaluations
- Section 4(f) and 6(f) Evaluations
- Section 508 compliance

### TRAFFIC ENGINEERING & TEAP

- Corridor Planning Studies –High-Level Traffic
- Interstate Access Justification Reports
- Planning and Environmental Linkage Studies
- Corridor Studies – Detailed Traffic
- Pedestrian Safety Studies
- Road Audits
- Corridor Safety Studies
- Signalization
- Traffic Impact Analyses
- Signing and Pavement Marking
- Temporary Traffic Control
- Intelligent Transportation Systems
- Innovative Intersections
- Signal Timings
- Signal Inspections
- Traffic Control
- Transportation Systems Management and Operations

### STRUCTURES

- Long and short-span structures (steel and concrete)
- Bridge inspection, rehabilitation, widening, and seismic retrofits
- Sound walls and retaining walls
- Hydraulic and grade separation structures
- Bridge/culvert hydraulic design
- Bridge scour analysis and evaluation
- Bridge scour and stream instability countermeasure design
- One dimensional (1D) and two dimensional (2D) hydraulic modeling
- FEMA studies
- CLOMR/LOMR applications
- Accelerated bridge construction (ABC)

### ROADWAY DESIGN

- Alignment studies
- Local roads and streets design
- Interstate, freeway, and highway design
- Street enhancements
- Interchange design
- Pavement evaluation and rehabilitation
- Intersection and roundabout design
- ADA, sidewalks, and wheelchair ramps
- Storm sewer design
- Open channel and median drainage design

### CONSTRUCTION INSPECTION

- Contract administration
- Shop drawing management
- Materials testing coordination
- Final project closeout and audits
- Bridge and structure inspections

- Stormwater and BMP inspections
- Bridge coating/painting inspections
- Prestressed concrete girder fabrications
- Asphalt and concrete pavement
- Critical path method (CPM) schedule evaluations
- Change order review and negotiations
- Construction contract claim review

### TRAILS & SIDEWALKS

- Multi-use trails and bike lanes
- Pedestrian/ bicycle bridges and underpasses
- Accessibility design
- Safe Routes to Schools
- Right of way planning
- Roadway crossing design
- Trail lighting
- Signage and wayfinding
- Landscape and amenity design

### TRANSPORTATION PLANNING

- Corridor studies, corridor management plans, long-range plans, and active transportation evaluations
- PEL studies, NEPA documentation, environmental constraint mapping, and functional classification/system assessments
- Program, funding, and stakeholder support including STIP development, benefit-cost analysis, project prioritization, federal grant applications, conceptual design, and public/ stakeholder engagement



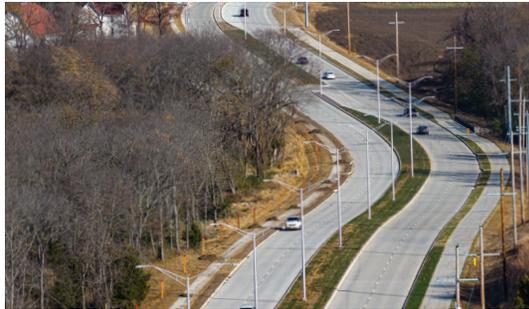
## ENVIRONMENTAL

Garver offers clients full-service environmental capabilities, including environmental studies, NEPA documentation, public involvement, and agency coordination. Clients trust Garver to build cooperative relationships with regulatory and resource agencies and to provide environmental studies, permitting, and documentation in accordance with current regulations.



## STRUCTURES

Garver has the expertise to provide a full range of structural design services for new and existing bridges, including plan development, detailing, hydraulic studies, geotechnical work, survey, cost comparisons, environmental clearances, and right of way work. Our bridge team stays up to date on design specifications to provide standard and non-standard bridge and structures designs, repairs, and ratings. We have the knowledge, experience, and tools to meet your needs concerning complex and unique structures.



## ROADWAY DESIGN

Garver's roadway engineers consider all factors and provide cost-effective design solutions for both new and existing roadway facilities. Our experience includes concept development, alternative analysis, widening and resurfacing, pavement reconstruction, utility design and coordination, right of way, environmental clearance, traffic signals and lighting, general lighting, surveying, sidewalks and trails, stormwater design, and parking lot design.



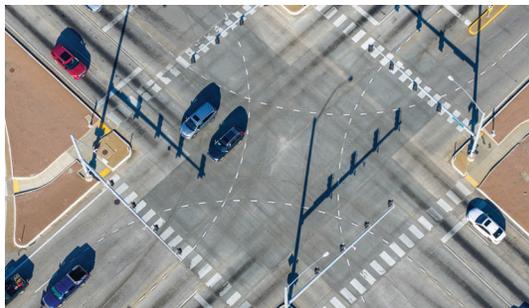
## TRAFFIC ENGINEERING & TEAP

Garver's Traffic Team has the experience and skill diversity to tackle all types of projects from complex traffic forecasting and simulation (using VISSIM and Synchro) to pedestrian access and connectivity. Our expertise includes signalization, signing, lighting, and pavement markings; corridor and intersection safety and operational analysis; speed limit reviews; sign inventory; pedestrian and bike route analysis; parking studies; and traffic signal timing.



## CONSTRUCTION INSPECTION

Thorough testing and inspection of construction materials are essential for the successful completion of projects. Our Team collaborates closely with your staff, acting as your on-site representative to support effective communication with contractors and uphold construction quality. Garver offers a range of construction services, from periodic inspections to comprehensive resident inspection services. Our expertise extends throughout the project lifecycle, providing support from the initial advertisement phase to bid opening and final project closeout.

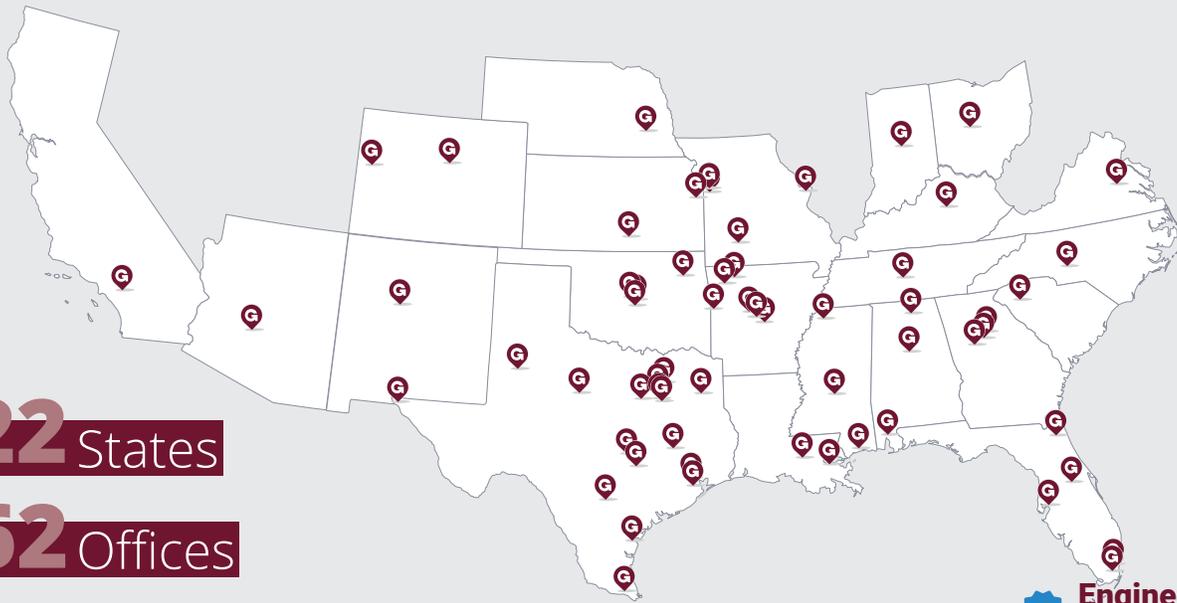


## TRAILS & SIDEWALKS

As part of our commitment to healthy and safe communities, Garver recognizes the importance of pedestrian-friendly environments. Our designs include trail and pedestrian-use facilities, environmental clearance, right of way, signal and lighting, landscaping, and beautification.

## TRANSPORTATION PLANNING

Garver supports long-range planning, corridor studies/assessments, PELs, and system evaluations, backed by strong public engagement and a deep understanding of federal and state requirements. We provide practical and implementable planning solutions that advance projects from concept through delivery.



**Engineering News-Record**  
2025 Top 500 Design Firms  
#88 Nationwide

**22** States

**62** Offices

**1,400+** Employees



**JERRY IRVINE, PE**

Transportation Team Leader

913-312-1842

[JIrvine@GarverUSA.com](mailto:JIrvine@GarverUSA.com)



**JEREMY McNUTT, PE**

Bridge Regional Team Leader

816-849-2021

[JAMcNutt@GarverUSA.com](mailto:JAMcNutt@GarverUSA.com)



**MIKE SPAYD, PE, PTOE, RSP,**

Traffic Practice Leader

314-296 4162

[MLSpayd@GarverUSA.com](mailto:MLSpayd@GarverUSA.com)



**BRAD BUTLER**

Construction Services Team Leader

913-955-2360

[BJButler@GarverUSA.com](mailto:BJButler@GarverUSA.com)



**MOLLY BARLETTA**

Planning & Environmental Team Leader

314-296-4248

[MABarletta@GarverUSA.com](mailto:MABarletta@GarverUSA.com)



**MAC MILBURN, PE**

Missouri Municipal Team Leader

918-858-4852

[MSMilburn@GarverUSA.com](mailto:MSMilburn@GarverUSA.com)

12980 FOSTER STREET  
SUITE 420  
OVERLAND PARK, KS 66213

7509 NW TIFFANY SPRINGS PKWY  
SUITE 200  
KANSAS CITY, MO 64153

3851 S. JEFFERSON AVENUE  
SPRINGFIELD, MO 65807

230 S. BEMISTON AVENUE  
SUITE 900  
ST. LOUIS, MO 63105



[GarverUSA.com](http://GarverUSA.com)



**SCAN TO LEARN MORE  
ABOUT GARVER**