



**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)

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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**

December 12, 2025

Ashley Buechter, PE | Local Program Administrator  
105 W. Capitol Avenue  
Jefferson City, MO 65102  
via email to [LPAoncall@modot.mo.gov](mailto:LPAoncall@modot.mo.gov)

## RE: Missouri LPA On-Call Professional Services Work Category: Environmental

Dear Selection Committee,

It is Garver's professionals' wide range of skills that make us an invaluable on-call resource for state departments of transportation (DOTs) and local agencies. Throughout our history, Garver has provided similar on-call services to local agencies, the Missouri Department of Transportation (MoDOT), and other DOTs in Alabama, Arkansas, Kansas, Mississippi, Oklahoma, Tennessee, and Texas. Garver has the expertise and capacity to provide services for the upcoming Missouri Local Program Agency (LPA) Environmental projects. Several Garver staff have completed the LPA training certification class, and Garver is on MoDOT's approved list of prequalified consultants.

### GENERAL EXPERIENCE OF THE FIRM

Established in 1919, Garver brings more than 100 years of engineering experience and a long, proven history of delivering on-call design services for state DOTs and local governments. Our Team has supported on-demand roadway, bridge, interchange, traffic, and multimodal design needs through decades-long relationships with agencies including Mississippi DOT (MDOT; statewide on-call services since 2001), Arkansas DOT (ARDOT; continuous on-call contracts since 2002), and Oklahoma DOT (ODOT; on-demand engineering support for over 29 years). Across these programs, Garver has designed hundreds of miles of roadway and numerous bridges, interchanges, and traffic systems demonstrating deep expertise and reliability in meeting the recurring, fast-response needs of DOT clients.

Garver provides comprehensive environmental, cultural, and natural resource services that deliver compliance with local, state, and federal regulations while minimizing project impacts. Our expertise includes NEPA documentation, permitting, and environmental studies supported by innovative and practical solutions. We conduct environmental impact statements, assessments, and categorical exclusions, identifying and addressing constraints such as utilities, wetlands, and cultural or biological resources early in the process. We also manage environmental compliance through Section 404/401 permitting, stormwater and spill prevention planning, and site assessments, while performing specialized studies such as wetland delineations, endangered species surveys, cultural resource investigations, noise modeling, and socioeconomic analyses to deliver environmentally responsible, efficient projects.



### On-Call Expertise for DOT and Local Agency Programs

Garver performs a wide range of on-call LPA work on behalf of our DOT clients. In addition to Missouri LPAs, we serve municipal, county, and state agencies across multiple states including Kansas, Oklahoma, Ohio, Arkansas, and Mississippi. We are prequalified to perform comprehensive engineering, planning, and environmental services—from bike path design, bridge replacements, H&H analyses, transportation and corridor studies, to rewrite of LPA manuals for DOTs. The Garver Team has the resources and capability to deliver LPA projects on time and within budget.

Garver's NEPA Team brings substantial experience that will benefit MoDOT. Garver has been completing NEPA projects since 2008 in Oklahoma and Arkansas, and since 2018, we have been supporting MoDOT on NEPA projects under our current NEPA On-Call contract. Additionally, Garver acts as a subconsultant for noise studies and has a close working relationship with MoDOT's environmental staff on LPA projects. Garver is currently engaged in NEPA projects through both on-call contracts and individual assignments with ARDOT, ODOT, and Texas DOT (TxDOT) ranging from small contracts for Categorical Exclusion (CE) projects to a \$5.4 million contract for an extensive corridor study.

### PAST PERFORMANCE

Garver brings a strong record of on-call performance for cities, counties, and metropolitan planning organizations (MPOs), delivering fast-response engineering, planning, and environmental services that help local agencies keep projects moving. Whether supporting MoDOT Districts or smaller municipalities, Garver provides consistent, dependable on-call responsiveness backed by deep technical expertise and familiarity with local standards and procedures.

For the past 18 years, Garver has held an On-Demand Environmental Services for Local Government contracts with **ODOT**. Garver serves as the Environmental Project Manager for ODOT, assisting local governments with project scoping, completing studies, and preparing NEPA documents. Working with these agencies and their design consultants, Garver provides guidance on the need for special studies such as noise or Section 4(f) evaluations, public involvement, and offers assistance with permitting and programming requirements for FHWA compliance. Local agencies are often unfamiliar with the steps and timeline associated with NEPA. Our staff set realistic expectations and coordinate environmental studies with the design progress. We also make sure the local agencies understand their responsibilities, both during the NEPA process and during construction. Garver has held 10 consecutive contracts for these services, a testament to our history of quality and responsive service.

*"When we have tough environmental and design projects that we don't think are even possible in terms of schedule and budgets we always go to Garver. They always deliver and continue to impress us."*

**Dawn Sullivan, ODOT Deputy Director**

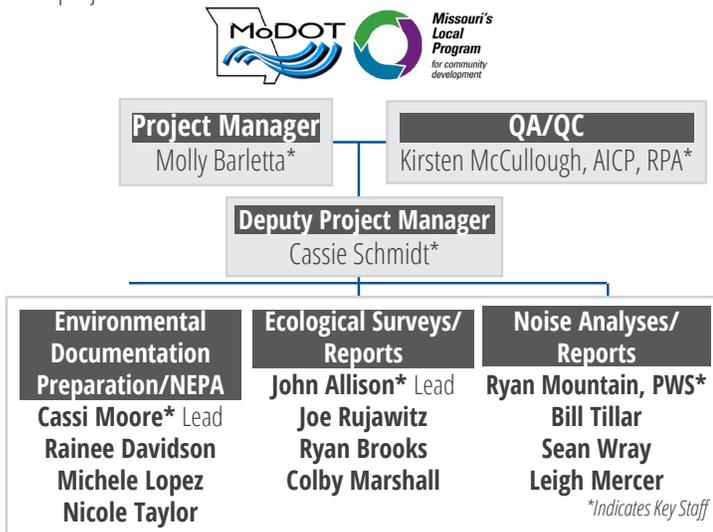
Garver also provides environmental program management for the **Oklahoma Turnpike Authority's (OTA)** \$8.2 billion ACCESS Program, coordinating closely with USACE, USFWS, state agencies, local municipalities, and other regulators to streamline reviews, maintain compliance, and proactively manage environmental risks.

## PROVEN MODOT EXPERIENCE

Garver's Environmental Team is highly experienced in delivering clear, compliant, and well-documented NEPA products that meet MoDOT and FHWA policies, with extensive expertise preparing Programmatic Categorical Exclusions (PCEs) and CEs for a wide range of transportation improvement projects including **recent complex MoDOT CE2s** on Route 62 over St. Francis River Bridge Replacement, Dunklin County; Route 43 over Elk River Bridge Replacement, McDonald County; and Route 177, Cape Girardeau County. Our Team performs comprehensive field surveys including wetlands, streams, hazardous materials, protected species, habitat assessments, floodplains, farmland, socioeconomic impacts, and full noise monitoring/modeling supported by specialized staff and strong coordination with federal and state regulators.

## QUALIFICATIONS OF PERSONNEL

The Garver Team is familiar with MoDOT standards, policies, and procedures, and pledges to deliver the quality designs that MoDOT and our LPA clients expect. The organization chart illustrates our Team structure and brief bios for our Key Team members who will complete these MoDOT LPA projects.



**Molly Barletta**, Project Manager  
Planning & Environmental Team Lead  
*Years of Experience: 23*

- Molly's strong skills in organization, time management, and adapting to ever-changing project scopes allow Garver to be efficient in project coordination, documentation, and schedules.
- *NEPA Expertise:* More than 12 years of experience, specializing in transportation projects, environmental documentation, and complex project management.
- *Proven Skills:* Expertise in MoDOT standards, organizational leadership, and balancing agency needs for successful project outcomes.



**Cassie Schmidt**, Deputy Project Manager  
Planning & Environmental Team Lead  
*Years of Experience: 13*

- Garver's in-house subject matter expert for all NEPA-related MoDOT coordination. Cassie's experience on MoDOT projects provides her with unique knowledge and experience of your policies, standards, and expectations.

- *NEPA Expertise:* In-depth experience with Section 106, Section 7 Coordination, and Section 4(f), as showcased in the recently approved CE2 for the Route 62 over the St. Francis River Bridge Replacement. This project included completion of a Section 4(f) Temporary Occupancy Form, Programmatic Agreement for Section 106 clearance, and close coordination with USFWS to develop JSPs to achieve No Effect and Not Likely to Adversely Affect determinations for various species.
- *Proven Skills:* Experience in navigating the NEPA process, from PCEs to Environmental Assessments (EAs).



**Kirsten McCullough, AICP, RPA, QA/QC**  
Planning & Environmental Practice Lead  
*Years of Experience: 25*

- Kristen offers a powerful combination of technical knowledge of requirements and a thorough understanding of the standards of regulatory agencies to facilitate efficient approvals.
- *NEPA Expertise:* Accomplished NEPA leader in executing environmental studies for transportation projects across the Midwest.
- *Proven Skills:* Institutes a multi-step review process for every document before it is provided to MoDOT, making us accountable for products delivered to you.



**Cassi Moore**, Environmental Document Preparation/  
NEPA Lead  
Senior Environmental Specialist  
*Years of Experience: 18*

- Cassi is your trusted guide in navigating environmental documentation.
- *NEPA Expertise:* Knowledgeable in all levels of environmental compliance and procedures from conception through public notice.
- *Proven Skills:* Has successfully completed environmental compliance for major roadway projects, consistently delivering regulatory approvals through collaborative agency engagement and technically sound documentation.



**John Allison**, Ecological Surveys/Reports Lead  
Biologist  
*Years of Experience: 3*

- John offers experience in wetland delineations, permitting, listed species coordination, and environmental compliance.
- *NEPA Expertise:* Has solid experience completing ecological studies, including Waters Reports, habitat evaluations, and Section 7 consultations.
- *Proven Skills:* John's hands-on fieldwork and regulatory knowledge make him a key contributor to infrastructure development.



**Ryan Mountain, PWS**, Noise Analyses/Reports Lead  
Environmental Special Studies Manager  
*Years of Experience: 25*

- Specialist in NEPA noise studies with 15 years of experience conducting traffic noise analyses across multiple states.
- *NEPA Expertise:* Extensive experience managing multimodal noise studies using FHWA TNM 2.5 and AEDT modeling to prepare noise analyses and technical reports for roadway, bridge, and airport NEPA projects.
- *Proven Skills:* High-level understanding of MoDOT's process for approval of measurement locations, report content, and public outreach.

## FAMILIARITY/CAPABILITY

Garver brings decades of experience delivering federally funded transportation projects that meet stringent federal laws, regulations, and compliance requirements. Our Team routinely navigates NEPA, Section 106, ADA, FHWA design criteria, federal permitting, and documentation standards for roadway, bridge, safety, and ITS projects. This experience is strengthened by former MoDOT staff and personnel who bring firsthand knowledge of MoDOT's processes, standards, and project expectations, minimizing the need for oversight from your staff. The following projects demonstrate our past performance of efficient project delivery aligned with MoDOT's preferences and requirements:



### Colbern Road Reconstruction | Lee's Summit, MO -

Garver led all environmental compliance and permitting efforts, securing CE2 approval and coordinating the full RER process with MoDOT and FHWA. The Team completed all required technical studies including traffic noise analysis, wetland delineation, threatened and endangered species habitat assessment, a Phase I cultural resources survey, and Individual Section 4(f) documentation, culminating in an MOA for adverse effects to NRHP-eligible resources. Garver also coordinated with MoDOT to obtain Section 7 and Section 106 clearances and a Section 404 permit. For the Highway 150 Intersection Improvements as part of this project, Garver provided environmental support through a PCE, including wetland delineations, USACE coordination, and habitat assessments to support regulatory compliance.

### MoDOT Route 62 Over St. Francis River Bridge Replacement | Southeast District | Dunklin County, MO.

Garver provided engineering and environmental services for this bi-state bridge replacement project, delivering full NEPA, Section 106, and permitting compliance, requiring coordination with MoDOT Historic Preservation staff and ARDOT. The Team prepared the PCE, managed the RES process, secured all cultural resources clearances, completed Section 4(f) documentation, coordinated threatened and endangered species determinations, and obtained required USACE and floodplain permits while supporting public engagement and interagency coordination across Missouri and Arkansas. Through proactive management and technical oversight, Garver delivered all environmental clearances on schedule, ensuring federal funding eligibility and keeping the project on track for timely construction.

**Ward Road and Persels Road Intersection Realignment | Lee's Summit, MO.** Garver's Environmental Team supported MoDOT by preparing a CE2 and completing the RER. Fieldwork and technical reporting included wetland delineation and habitat assessments for protected species. The CE2 covered a wide range of environmental topics including air quality, traffic noise, hazardous materials, water resources, ecological communities, historic and recreational properties, environmental justice, and Section 4(f)/6(f) considerations. Garver also developed a Section 4(f) exemption document for the project.

**MoDOT Improve I-70 NEPA Re-Evaluations | Multiple Counties.** Garver provided environmental and engineering services for SIU 2 (a 60-mile segment with 13 interchanges) and SIU 5 (a 14-mile segment with two interchanges). For SIU 2, Garver conducted environmental constraint mapping, field studies, and prepared the Environmental Assessment re-evaluation, while for SIU 5, our Team completed the NEPA re-evaluation (CE2), CSR, traffic and safety analysis, interstate access justification report, and developed widening and interchange alternatives. Across both segments, Garver assessed updated impacts, ensured consistency with original NEPA documents, and updated environmental commitments to support future design and construction.

**Harrison County Bridge Replacement Over East Fork Big Creek | Harrison County, MO.** Garver provided full-service design and construction support for the removal and replacement of Bridge #6870010, including preliminary and final design, plans and specifications, environmental permitting, geotechnical investigations, ROW plans, cost estimates, and MoDOT approvals through the LPA process. The Team managed all environmental aspects of the project, completing wetland delineations, threatened and endangered species assessments, and preparing a PCE, while securing Section 404 and floodplain permits and coordinating with MoDOT, USACE, FAA, and the State Historic Preservation Office. Additionally, Garver oversaw subconsultants, ensured regulatory compliance, facilitated reuse of the historic bridge, and obtained final PCE approval, supporting all environmental permitting and agency coordination.

## ACCESSIBILITY

Our work on past similar projects for MoDOT attests to the Garver Team's ability to exceed your expectations of economical, practical design and quality engineering documents. Garver has an established record of responsiveness to client needs, consistently delivering timely, high-quality products for MoDOT and local agencies. With staff strategically located in Kansas City, St. Louis, and Springfield supported by nearby offices in Kansas, Arkansas, and Oklahoma Garver provides readily available, in-person support while maintaining efficiency through virtual collaboration. The Team utilizes web meetings, conference calls, and web-based file sharing to ensure continuous communication, quick coordination, and seamless document exchange. This combination of regional presence, experienced personnel, and technology-driven communication allows Garver to remain highly accessible and responsive to clients across all project phases.

## SUMMARY

The Garver Team brings a proven history of performance and experienced personnel to your projects, and we are committed to serving as an extension of MoDOT and local agency staff. We look forward to continuing to provide MoDOT, local agencies, and the road users of Missouri with the quality and responsive design services you have come to expect from us. We ask that you select the Garver Team.

Sincerely,

**GARVER**

A handwritten signature in black ink that reads "Molly Barletta".

**Molly Barletta** | Project Manager  
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**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

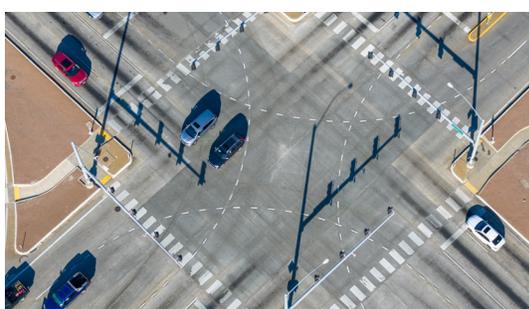
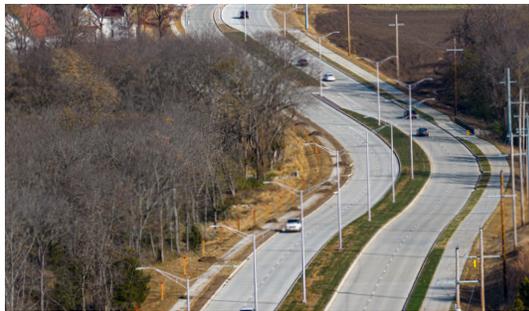
Thorough testing and inspection of construction materials are essential for the successful completion of projects. Our Team collaborates closely with your staff, acting as your on-site representative to support effective communication with contractors and uphold construction quality. Garver offers a 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.

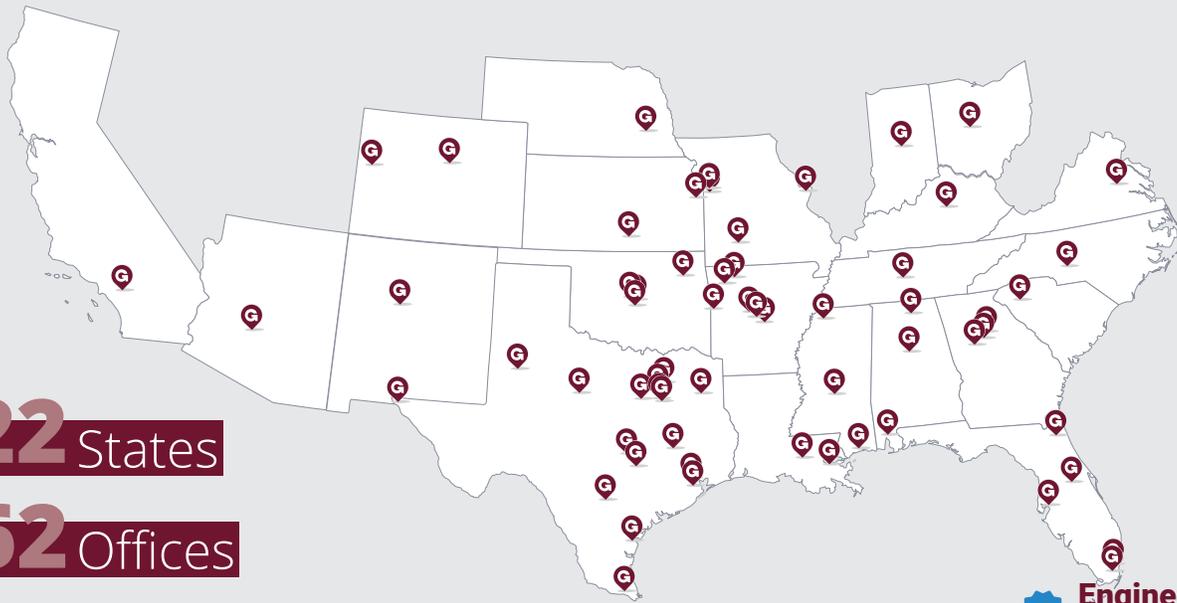
## TRAILS & SIDEWALKS

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



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