



**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:

Bacon Farmer Workman Engineering & Testing, Inc.

Firm Contact Name:

Barry Horst, PE

Contact Email
Address:

bhorst@bfwengineers.com

Firm's Mailing Address:

3437 William Street

Cape Girardeau, MO 63701

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**



2026-2029 LPA On-Call
Transportation Planning Services

Missouri's Local Program for Community Development
LPAoncall@modot.mo.gov



Bacon Farmer Workman Engineering & Testing, Inc. (BFW) is pleased to submit our Statement of Interest and Qualifications for Transportation Planning services for Missouri's Local Program. The BFW Team proposed for this project brings together a group of highly experienced

engineers with extensive backgrounds supporting local partners and MoDOT. With our skilled staff, strong history of successful project delivery, and available capacity, we are prepared and committed to assisting local public agencies and delivering final products on time and within the established budget.

Prequalification: Bacon Farmer Workman (BFW) is included on MoDOT's Approved Consultant Prequalification List.

General Experience of Firm

BFW has decades of experience delivering transportation projects across Missouri and adjacent states. We are well-versed in navigating complex project requirements and coordinating with multiple stakeholders to keep projects moving toward completion. In addition, what further sets BFW apart from the competition is our proven MoDOT work history, our knowledge of the LPA process, our unmatched responsiveness and communication culture of getting things done, our company's priority and approach to listening and making our clients' jobs easier, and our ability to consistently deliver high-quality projects on time, regardless of the schedule.

BFW realizes that the transportation goals for cities and counties are multifaceted and aim to enhance mobility, promote equity, improve safety, and enhance sustainability. These goals are achieved through a collaborative process involving government agencies, private-sector organizations, and community stakeholders. The planning process includes evaluating transportation alternatives, developing and updating plans, and involving the public in decision-making. Types of planning include multimodal transportation planning, such as bicycle and pedestrian trails, roadways, bridges, and transit. Planning uses various types of data and information to guide LPA staff in maintaining and improving the transportation system, as well as in making overall safety enhancements.

Planning Partners

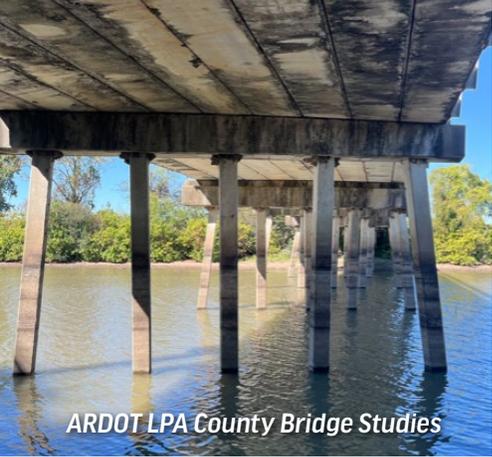
BFW understands MoDOT's transportation partners and its relationship with the Missouri Metropolitan Planning Organizations and Regional Planning Commissions. These organizations are similar because they both focus on investment goals that form the basis for decision-making, identify future needs and program funding, and recognize the need to support all modes of transportation. Working closely with our planning partners to develop long-term goals is essential to keeping transportation systems current and effective. Several members of our team are retired MoDOT personnel with years of experience collaborating with planning partners and LPAs to identify and prioritize transportation needs, including the unfunded needs list. Developing this list requires coordinated efforts among the public, MoDOT, and local planning authorities. BFW is prepared and experienced in providing the data necessary to support this process. This includes traffic data, public input, road

user costs, benefit-cost ratios, crash data, ADT, preliminary cost estimates, and more. We understand the importance of producing accurate estimates and are committed to delivering reliable results. BFW recognizes the need for alternative solutions and remains flexible, understanding that several options may need to be evaluated while still maintaining focus on the project's purpose and need. This collaborative approach is critical to building a successful transportation system and supporting long-term budgeting.

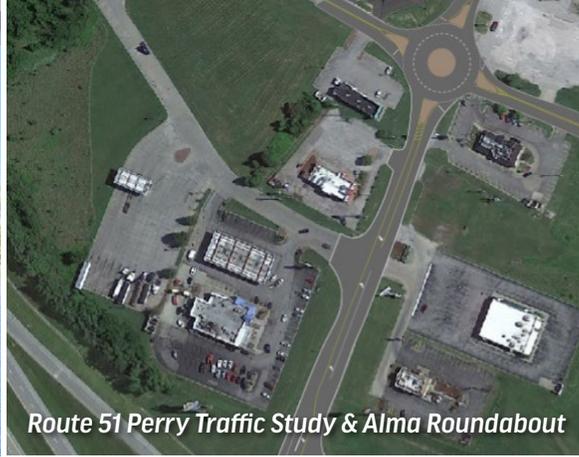
Public Involvement

BFW can assist LPAs and their stakeholders in developing a public involvement plan tailored to the project needs. We can also assist in facilitating meetings with public officials and organizations on an "as needed" basis in support of LPA staff. Our team's experience also includes decades of communicating project impacts to the public. As former MoDOT Project Managers, both Jason Vanderfeltz and Eric Krapf have successfully addressed public concerns within the context of many respective projects across central and southeast Missouri. In addition to any public meetings, the team can assist in making targeted contacts with school districts, EMS personnel, businesses, and other local interests to minimize confusion and controversy. All public-facing materials, including displays and handouts used for public engagement, will be produced to a high professional standard.





ARDOT LPA County Bridge Studies



Route 51 Perry Traffic Study & Alma Roundabout



City of Dexter Intersection Improvements

Past Performance

Our team has a proven track record of successfully executing complex transportation projects for LPAs and MoDOT, with expertise in traffic studies, conceptual through final design, cost estimating, surveying, environmental determinations, and public involvement. We are skilled in developing design alternatives with maintenance-of-traffic considerations, conducting detailed surveys to assess right-of-way and utility impacts, and supporting the core team throughout the planning process.

JSE0246 - Route 51 Perry Traffic Study & Alma Roundabout Perryville, MO

BFW completed a comprehensive traffic study for a high-volume corridor including data collection, highway capacity analysis, HSM safety review, alternate generation, cost estimation, and a full video simulation. Proposed improvements included access management strategies, a traffic signal, and a modern roundabout to support the area's continued growth. The City utilized the study to successfully advance the project through SEMO Regional Planning and secure approval for a future MoDOT Cost Share project.

"Who better to help us through this process than the people that used to administer this process." – City Administrator

City of Dexter Intersection Improvement & Alternate Analysis Dexter, MO

Under the FHWA Safe Streets for All (SS4A) program, BFW evaluated three major intersections and developed conceptual alternatives, along with the feasibility of a new railroad overpass. Services included traffic monitoring, alternate development, surveying, cost estimating, and public involvement. The City expressed high satisfaction with BFW's leadership, technical capabilities, and support throughout the analysis.

"We have been incredibly pleased with our choice of BFW as the consultant for this project." – City Administrator

ARDOT LPA - County Bridge Studies Scott & Craighead Counties, AR

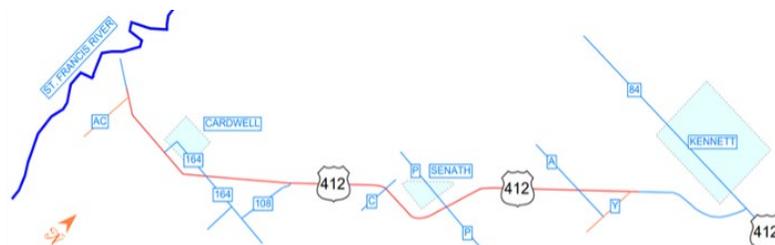
BFW completed two feasibility studies addressing structurally deficient bridges over Packsaddle Creek and Cockle Burr Slough. Work included HEC-RAS hydraulic modeling, preliminary TS&L development, conceptual plan and profile sheets, and cost estimating. Both studies were delivered to ARDOT nearly two months ahead of schedule, demonstrating our responsiveness and efficient project management.

MoDOT US 60 Corridor Study Scott & New Madrid Counties, MO

BFW provided conceptual development and cost estimating for improvements across four quadrants of the US 60/I-57 system interchange. The study assessed environmental and cultural impacts, access and interchange modifications, and associated costs. BFW also supported CAG/TAG meetings and prepared public-meeting graphics and materials. Conceptual work is complete, and the project is progressing into design.

US 412 Corridor Study Kennett, MO, to Arkansas State Line

As part of an ongoing \$1.2M contract with Dunklin County and MoDOT, BFW evaluated the environmental and engineering impacts of corridor improvements along a 20-mile, two-lane section. The recommended alternative, an innovative four-lane undivided roadway with a variable-width flush median, addresses safety concerns and reduces congestion caused by speed differences between agricultural and commuter traffic.





Jason Vanderfeltz, PE Project Manager

Jason brings 30 years of transportation experience, including 28 years with MoDOT. As a District Design Engineer, he led design and survey teams in delivering the STIP and oversaw ADA compliance efforts for the Central District. His prior roles included bidding and contracting oversight, cost estimating, and managing major roadway and interchange projects across Missouri. He is a licensed Professional Engineer.



Eric Krapf, PE Project Management & QC/QA

Eric offers 32 years of transportation engineering experience, providing project management and QA/QC oversight for planning and design projects. His background includes coordinating with state and local agencies, ensuring regulatory compliance, and leading multidisciplinary teams through project development.



Barry Horst, PE Project Management

Barry brings 35 years of transportation experience with expertise in project management, roadway design, and oversight of complex transportation improvements. His long-standing work with state and regional agencies provides strong leadership in planning and design delivery.



Brian Holt Utilities & Constructability Review

Brian has over 33 years of construction engineering experience, including 29 years with MoDOT and 21 years as a Resident Engineer. He specializes in contract administration, bridge construction oversight, staging and MOT, FHWA inspections, railroad permitting, change orders, and dispute resolution, providing valuable constructability insight for planning and design projects.



Stacy Earnhart, PE Roadway Design

Stacy brings over 20 years of engineering experience, including MoDOT highway design, county engineering leadership, and construction inspection. A certified ADA Coordinator, she has completed numerous ADA compliant sidewalk and trail projects, as well as managed roadway, maintenance, and operational programs for local agencies.



David Johnson, PE, PTOE Traffic Analysis

David is a transportation engineer with over 10 years of experience in traffic operations, safety analysis, and multimodal planning. His expertise includes traffic impact studies, microsimulation, signal and roundabout design, TS&O analysis, access management, and 3D traffic modeling.



Amy Brown Business Development

Amy joined BFW/Marcum in August 2024 and brings 29 years of experience in business strategy, sales management, marketing, and client relations. She has a proven record of building strategic partnerships and identifying opportunities that maximize value for clients and stakeholders. Amy specializes in the infrastructure market, supporting state DOTs, municipal agencies, and federal clients with strong communication, coordination, and relationship-building skills.



Susannah Campbell, PMP Environmental & Cultural Support

Susannah has over 20 years of environmental experience, serving as Environmental Manager for BFW. Her background includes NEPA documentation, Wetland Delineations, Stream Assessments, 401/404 and Section 10 permitting, cultural resource coordination, archaeological assessments, air permitting, asbestos inspections, and remedial investigations. She brings strong leadership, communication skills, and experience with both public and private sector projects.

Familiarity, Capability & Accesibility

Our team offers excellent relevant experience with similar projects, and we are a recognized leader in delivering quality plans and bidding documents. Our team brings maximum capacity and targeted resources to move the project forward and complete the task. BFW's ability to achieve the goals of the intended improvement is only part of the equation. We believe it is also important that we meet the clients' goals for how such a project is delivered and make it a positive experience for LPAs and all other affiliated stakeholders. BFW is in the Cape Girardeau, Jefferson City, and St. Louis area or within reach with reasonable drive time and will be available and accessible for meetings when stakeholders desire, with minimal lead time.

The BFW team is committed to creating a strong and successful working relationship with LPA and MoDOT. Our team members are eager to begin work on these projects. Should you have any questions regarding our letter of interest, please feel free to contact me at mworkman@bfwengineers.com. Thank you for reviewing our qualifications.

Bacon Farmer Workman Engineering & Testing, Inc.

Mark Workman
Chief Executive Officer



LPA On-Call

Engineering Services





Bacon Farmer Workman Engineering & Testing (BFW) is a multi-disciplinary engineering firm with office locations throughout MoDOT's geographic footprint. We provide a comprehensive suite of engineering services, addressing every project need with precision and expertise. At BFW, we are committed to delivering exceptional solutions. By leveraging the expertise of our highly skilled and knowledgeable team, we uphold a standard of excellence and a dedication to outstanding service on every project. Our client-centered approach is rooted in utilizing the latest technologies, building strong relationships with clients and communities, and ensuring full accessibility for both customers and end users.

Capabilities

- Asset & Infrastructure Management
Aviation
Civil Engineering & Site Development
Cultural Resources
Electrical Engineering
Environmental
Geospatial Technologies
Geophysical

- Geotechnical Engineering
Grant Coordination
Industrial
Landscape Architecture & Urban Planning
Maritime
Mechanical Engineering
Parks & Recreation
Renewable Energy
Strategic Energy

- Structural Engineering
Surveying
Technology
Testing & Inspections
Transportation Engineering
Stormwater & Wastewater Resources

Professionals

- Archaeologist
Aviation Engineers
Aviation Planner
Civil/Site Engineers
Ecologists
Electrical Engineers
Environmental Managers
Geologists
Geophysicists
Geotechnical Engineers

- Grants Administrator
Specialist
Historic Preservation
Land Surveyors
Landscape Architect/Arborist
LEED Accredited
Legal Counsel/ Attorney at Law
Mechanical Engineers
OSHA Authorized
Construction Trainer

- Park Specialist
Professional Wetland Scientist (PWS)
Project Management Professionals (PMP)
Professional Transportation Operations Engineer (PTOE)
Safety Professional (CSP)
Structural Engineers
Transportation Engineers
Water Distribution Operator

Support Professionals

- Accounting Staff
Administrative Staff
Construction Administrators

- Construction Inspectors
Geotechnical Drilling Staff
Mobile LiDAR Operators
Survey Field Staff

- Technical Writers
Technical Staff



Certificate of Commendation for Excellent Safety Record 2023 & 2024, National Award

MO Chapter Safety Award 2023 & 2024

W-KY Chapter Safety Award 2023



Locations

- Paducah, KY
BFW / 270-443-1995
Marcum / 270-444-9274
Lexington, KY
859-537-0112
Murray, KY
270-753-7307
Paragould, AR
573-625-1776
Belleville, IL
618-771-5774
Champaign, IL
217-530-4283
Marion, IL
618-997-9190

- Springfield, IL
217-679-6254
Evansville, IN
812-470-0273
Cape Girardeau, MO
573-222-5632
Jefferson City, MO
573-680-6160
St. Louis, MO
636-779-9420
Brentwood, TN
615-693-2744
Knoxville, TN
865-806-1539

Transportation Engineering

Bacon Farmer Workman Engineering & Testing, Inc. (BFW) has built a solid reputation as a “go-to” firm in the transportation engineering field. BFW emphasizes attention to details, project milestones, and budgets, as reflected by our current ratings from our transportation clients.

Our broad background and expertise enable us to provide all required design services encompassing rural, urban, and limited access highway facilities. Our Transportation Division utilizes the latest state-of-the-art advancements in design and equipment technology to accomplish project requirements and client satisfaction.

Our Transportation Capabilities

Roadway Engineering

- Interstate, rural, and urban roadway design
- Phase I, II, III engineering
- Sidewalks, ADA upgrades, and multi-use trail design
- Corridor studies & safety improvements
- Complete Streets / multimodal design
- Drainage & stormwater analysis

Bridge & Structural Engineering

- New bridge design & replacement
- Rehabilitation, widening, & preservation
- Culverts, walls, foundations, hydraulic structures
- Load ratings & NBIS inspections
- Design-build alternative delivery

Traffic & Safety

- Traffic operations & modeling
- Signal design & ITS
- MOT/maintenance of traffic plans
- Speed, crash, and safety studies
- Access management & intersection improvements

Service Details

As a full-service firm, BFW can handle every phase of highway projects from route / corridor studies including environmental coordination / approvals through the final design and on to the contract bid letting and award process. We can also provide contract administration, inspection, and testing for any size or complexity of project.

Environmental & Geotechnical

- NEPA documentation
- ESA, cultural resources, ecological reviews
- 401/404 permitting & floodplain compliance
- Geotechnical drilling & lab testing
- Pavement/embankment/foundation recommendations

Survey, Lidar & Mapping

- Boundary & topo surveying
- UAV/drone mapping
- Mobile & Terrestrial LIDAR
- SUE coordination
- ROW plan development

Construction Inspection & Support

- CEI & materials testing
- QA/QC oversight
- Utility coordination
- As-built documentation
- Contractor support & field reviews

Specialized Transportation Facilities

- Port & riverport access roads and circulation
- Bulk yard, conveyor, and loading infrastructure support
- Runway, taxiway, and apron design
- Airfield grading, drainage & lighting systems
- Airport access roads and parking improvements
- Pavement evaluation and airfield improvements
- Site development for industrial and logistics users





Cape Special Road District County Road Bridge over Juden Creek



Rte 61 Cape Girardeau Kingshighway

Jackson East Main Street Pedestrian Facilities

Jackson, MO

City of Jackson & MoDOT TAP

- Surveying
- Roadway Design incl. ADA compliance
- Environmental, NEPA
- Construction Admin. and Inspection

Sikeston North West Street Pedestrian Facilities

Sikeston, MO

City of Sikeston & MoDOT

- Surveying
- Roadway Design incl. ADA compliance
- Utility Coordination
- Environmental, NEPA
- Construction Admin. and Inspection

Route 61 Signals & Geometric Improvements

Sikeston, MO

City of Sikeston & MoDOT

Cost Share

- Roadway Design
- Traffic Safety & Operations
- Surveying
- Utility Coordination
- Construction Materials Testing & Inspection

ACEC
2026

Cape Special Road District County Road Bridge over Juden Creek

Cape Girardeau, MO

- Bridge Design
- Roadway Design
- Geotechnical
- Utility Coordination
- Environmental, Hydrology/Floodplain
- Construction Admin. and Inspection

US 412 Corridor Study

Kennett, MO / Arkansas State Line

Dunklin County Commission and MoDOT Cost Share

- Environmental, NEPA
- Environmental, Threatened & Endangered
- Traffic Safety & Operations
- Surveying
- Roadway Design (Planning/ Alternatives)

ACEC
2026

Rte 61 Kingshighway Cape Rock Drive Intersection Improvements

Cape Girardeau County, MO

City of Cape Girardeau & MoDOT Cost Share

- Roadway Design
- Traffic Safety & Operations
- ADA/Pedestrian Facilities
- Environmental, NEPA
- Utility Coordination

Dexter Safe Streets for All (SS4A) Intersection Study

Dexter, MO

City of Dexter & MoDOT

- Traffic Safety and Operations
- Surveying
- Roadway Design (Alternatives)
- Public Involvement

Route 51 Traffic Study

Perryville, MO

City of Perryville & MoDOT Cost Share

- Traffic Safety & Operations
- Roadway Design (Alternatives)
- Surveying / Data Collection
- Environmental – NEPA considerations

US 67 Upgrades / Future I-57 Corridor Projects

Butler County, MO

City of Poplar Bluff & MoDOT Cost Share

- Roadway Design
- Geotechnical
- Bridge Design

