



**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:

Benton Engineering

Firm Contact Name:

Stefanie Ballinger

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Rolla, MO 65401

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**



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December 12, 2025

Ms. Ashley Buechter, P.E.
Local Program Administrator
MoDOT Central Office – Local Programs
105 W. Capital Avenue
Jefferson City, MO 65102

SUBJECT: Letter of Interest for Traffic Engineering & TEAP Services

Dear Ms. Buechter,

Benton Engineering, formerly Benton & Associates, Inc., is pleased to submit this Letter of Interest to provide traffic engineering and Transportation Engineering Assistance Program (TEAP) services for Missouri's Local Public Agency (LPA) Program. Our firm is currently prequalified with the Missouri Department of Transportation (MoDOT) to provide consulting engineering services. The following sections summarize our firm's experience, past performance, qualifications of key personnel, familiarity with federally funded projects, and our accessibility and responsiveness to client needs.

General Experience of Firm: Since 1970, Benton Engineering has provided consulting services to municipal and county clients from planning and design through construction and continued operation. Our experience spans transportation and roadway design, traffic engineering, storm drainage, floodplains, structural engineering, GIS, and general municipal infrastructure. We regularly lead multi-discipline teams including traffic and transportation engineers, survey, geotechnical, and materials testing professionals to deliver both routine and complex projects. Our traffic and planning work includes intersection design studies (IDS), corridor analyses, traffic management and staging plans, access management, safety and operational assessments, and integration of traffic analysis into roadway and site design—services directly aligned with MoDOT's LPA and TEAP programs.

Representative experience includes:

Country Club Hills Subdivision – Jacksonville, Illinois

Benton Engineering provided full engineering services for the development of a 40-acre mixed-use subdivision including 56 single-family lots, six triplex units, and three commercial lots. In addition to roadway and utility design, our team completed an Intersection Design Study (IDS) and traffic analysis for a new intersection connection to Morton Avenue, comparing existing and projected traffic volumes and operations under full build-out conditions. Public improvements included HMA streets with curb and gutter, sidewalks, storm sewer, detention, sanitary sewer, and potable water. We coordinated with the City of Jacksonville and IDOT throughout design and review, and provided construction observation, daily documentation, pay estimates, and material testing. Construction cost was approximately \$1.4 million (privately funded).

Murrayville Road (FAS 310) – Morgan County, Illinois

For Murrayville Road (FAS 310), from US 67 (FAP 310) to IL 267 (FAP 10), Benton Engineering prepared full construction plans for approximately 4.9 miles of improvements. Work included typical sections, plan and profile sheets, structure plans and details, special provisions, estimates, and contract documents following IDOT procedures.

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~ SINCE 1970 ~

From a traffic perspective, our services included development of a traffic management plan for construction, staging of box culvert replacements, and final signing and pavement marking layouts. The project also involved hydraulic analyses and replacement of four box culverts, HMA milling and resurfacing of mainline and shoulders, side road and entrance improvements, and guardrail upgrades. The \$3.2 million project was funded with state and local funds utilizing MFT.

East Jackson Commercial Park – Macomb, Illinois

Benton Engineering provided traffic and site planning services for a new commercial subdivision along East Jackson Street. The project included approximately 1,500 LF of new roadway on new alignment. Our role included topographic and right-of-way surveys, environmental surveys and approvals, evaluation of cost-effective roadway and access alternatives, hydraulic and detention design, and an intersection design study with traffic analysis to determine appropriate access configuration, control, and geometrics. Final services included pavement design and preparation of plans, specifications, and estimates for construction.

Illinois Route 100 – Park Street, Hardin, Illinois

For IDOT, Benton Engineering provided Phase I and Phase II services for approximately 1,200 LF of Illinois Route 100/Park Street on new vertical alignment within the Illinois River floodplain. Providing reliable access to Hardin and Calhoun County during a 50-year flood event was a key traffic and operational goal. Phase I services included a project report, right-of-way/easement survey and exhibits, estimates, and multiple hydraulic reports evaluating structure performance under normal conditions and Illinois River backwater during the 50-year event, as well as review of the grade raise impacts on river flooding elevations. Phase II services included construction plans, specifications, and estimates for reconstruction on new alignment, a single-span bridge with a four-foot grade raise, pedestrian access, approach roadway, storm sewer, and staged construction to maintain traffic. Construction cost was approximately \$1.2 million and funded with state funds.

PTB 890 / 144 – IL 16 over Future FAP 310 (US 67), Jersey County, Illinois

Benton Engineering provided transportation and traffic engineering services for the reconstruction of approximately 3,500 LF of IL 16 on new horizontal and vertical alignment over future FAP 310 (US 67). Services included topographic survey, development and comparison of cost-effective alternatives, storm water and hydraulic drainage studies, design of a temporary runaround for maintaining traffic, interchange design, structure plans, and preparation of complete PS&E. Traffic engineering components included interchange geometrics, access planning, and staging to maintain safe operations during construction.

Past Performance: One key to our success is consistently delivering cost-effective, constructible solutions that are compliant with local, state, and federal regulations and design standards. Our past performance is demonstrated by a strong base of repeat municipal and county clients who rely on us to complete projects on time and within budget, as well as successful work for IDOT and other state agencies. Our traffic and TEAP-type work has helped communities address safety concerns, capacity issues, and access needs in a practical, fundable manner.

Qualifications of Personnel: Another key to our success is the knowledge and experience of our staff.

William J. Sleeman, PE – Transportation / Traffic Lead

Mr. Sleeman has over 30 years of experience in general civil and transportation design and construction. His transportation background includes Phase I studies (intersection design, hydraulics and hydrology, corridor studies, drainage studies), Phase II plan preparation for rural and urban streets and highways, storm sewer, culverts and bridges, streetscapes, and estimates. He has extensive experience with IDS, corridor analysis, and the integration of traffic operations and safety considerations into geometric design. He also provides Phase III support—quantity

calculations, shop drawing reviews, pay estimates, and construction observation/coordination—and serves as Principal-in-Charge for transportation and land development projects.

Stefanie J. Ballinger, PE – Transportation Engineer / Project Manager

Ms. Ballinger has 21 years of experience in municipal and transportation engineering with a background in environmental engineering and business management. Her experience includes residential and urban street reconstruction, ADA-compliant sidewalks, drainage and detention design, commercial site design, and water/wastewater infrastructure. She has performed construction observation on water, sewer, street, and sidewalk projects and is ACI certified for concrete testing. She works with clients on Motor Fuel Tax (MFT) programs and is familiar with requirements associated with state and federal funding. Her roadway and site projects routinely integrate traffic control, safety, ADA, and operational considerations consistent with LPA and TEAP expectations. Our traffic and transportation staff are supported by in-house survey, CAD, and construction personnel, allowing us to deliver studies and designs that move efficiently from concept to implementation.

Familiarity/Capability: The majority of our transportation work is completed for local and state agencies, with a portion funded through federal and state programs such as STP, safety and flood-related programs, and economic development grants. We understand the importance of funding assistance, eligibility, and documentation. Our staff is familiar with MoDOT LPA processes, FHWA expectations, and comparable IDOT procedures, and we structure our planning and design efforts to support federal and state participation from the outset.

Accessibility: Meeting our clients' needs is a top priority. We maintain an established record of responsiveness and direct communication, whether working on a small TEAP-style traffic study or a larger corridor project. Our staff commits the time and attention necessary—both in the office and in the field—to ensure questions are answered promptly, concerns are addressed early, and projects move forward with clear, shared expectations.

Our experience, personnel, and demonstrated responsive service will provide Missouri's LPAs with a highly qualified team capable of delivering traffic engineering and TEAP services that are practical, fundable, and implementable.

Respectfully submitted,

BENTON ENGINEERING



Stefanie J. Ballinger, PE
Principal

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Service is our Business

Our primary goal is to serve you, our client, by providing expert advice and comprehensive engineering services. We can help with everything from initial consultations and feasibility studies to final designs and construction oversight.

When you're choosing an engineering partner, you're looking for a firm that's qualified, available, and has a proven track record of delivering projects on time. With over 55 years of experience, we're confident we can meet those expectations. Our size is a key advantage for our clients: we are large enough to take on your most complex projects, yet small enough that a Principal or Associate will be personally involved in your work from start to finish. We work with a wide range of clients on multi-discipline engineering projects, assisting them from the initial concept phase all the way through construction and follow-up operational assistance.

We would welcome the chance to talk with you about your next engineering or survey project. Please feel free to call, email, or visit our office.

Consulting Engineers
& Land Surveyors



www.bentoneng.com



Additional Offices:

Macomb, IL - (309) 837-3151
Kirksville, MO - (660) 665-3575
Rolla, MO - (573) 364-0980
Taylorville, IL - (217) 971-5929

B BENTON
ENGINEERING

We are dedicated to serving our clients throughout the entire project lifecycle, from initial concept to construction completion and facility operations.

SERVICES

Civil/Site Development: We bring your vision to life, whether it's a residential neighborhood, commercial property, or agricultural site.

Drinking Water: We help you manage and improve your water systems, from routine maintenance to complex new facilities.

Electrical: We provide in-house electrical engineering expertise to ensure your projects are efficient, durable, and safe.

Funding Assistance: We help you find and secure the funding you need to make your project happen.

Pools & Recreation: We help you create inviting community parks and recreational spaces that enhance quality of life.

Rural Water: We are experts in delivering reliable water to rural communities, no matter how vast or challenging the terrain.

Structural: Our licensed engineers design safe, durable structures using advanced tools and decades of experience—building strong foundations for your project.

Surveying & Geomatics: We provide the precise, accurate data you need for your project using the latest technology.

Subsurface Utility Engineering (S.U.E.): We help you avoid costly delays and accidents by accurately locating underground utilities before you start construction.

Transportation: We design effective transportation networks—from local roads to urban streetscapes—that connect your community.

Water Resources: We develop sustainable stormwater solutions that protect your community's natural resources and support its economic growth.

Wastewater: Our experienced engineers and licensed operators are ready to deliver smart, compliant solutions for sewer rehabilitation, treatment upgrades, new facilities, and more.



Partnership. Commitment. Results.

Since 1970, Benton Engineering delivers reliable, cost-effective results with a focus on high-quality service. Our team—engineers, surveyors, certified operators, and construction observers—is passionate about continuous improvement and building better communities. We invest in ongoing education to bring you the most advanced engineering practices available.

Clients

- Municipalities & Counties
- Water Districts, Rural Water and Cooperatives
- State & Federal Government
- Industry
- Utilities
- Commercial & Residential Developers
- Drainage Districts
- Land Owners