



**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: Lochmueller Group, Inc.

Firm Contact Name: Scott J. Smith

Contact Email

Address: ssmith@lochgroup.com

Firm's Mailing Address: City Foundry (399 South Spring Avenue, Ste. 208 B)

St. Louis, MO 63110

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

MoDOT Central Office – Local Programs Administrator
LPAoncall@modot.mo.gov

RE: MoDOT LPA On-Call Services - Letter of Interest for Roadway Design

Dear Members of the Selection Committee:

Lochmueller Group, Inc. (Lochmueller) understands the importance of selecting a firm that can provide competently engineered highway and roadway plans and design studies. Given our background as a transportation planning and design firm, we recognize the importance of reliable service to MoDOT to allow efficient project implementation at a time of significant budgetary limitations. In addition, we understand that MoDOT is looking for a partner who offers the best innovative ideas that provide value and achieving quality results by utilizing a safe and realistic mindset.



General Experience of Firm

Lochmueller is a distinguished, multi-disciplined firm that has provided expert transportation and infrastructure solutions to public agencies in the Midwest for over 40 years. We offer a full suite of services including all aspects of transportation engineering as well as planning, right-of-way acquisition/appraisal, and environmental evaluation.

We have more than 420 employees distributed across 17 offices around the Midwest, including 55 professionals in our two St. Louis area offices in addition to our newest Overland Park, KS office! These offices are staffed by personnel who have spent many years working in the region, often with MoDOT. Our Missouri professionals are committed to furthering our relationships with MoDOT.

We are currently working with MoDOT in several districts and with multiple local public agencies (LPA) in varying capacities related to local roadway, ADA compliance, and overall transportation design. We are currently submitting LPA designs to MoDOT for review, and we are familiar with MoDOT standards, expectations, and the Engineering Policy Guide. This work often involves tight budgets and compressed schedules similar to the projects that are typically completed through the On-Call process. Our roadway design capabilities are augmented by in-house expertise in traffic engineering, bridge design, hydraulic (stormwater) design, and right-of-way acquisition and appraisal, which allows us to quickly and accurately address tangential issues related to many MoDOT roadway projects.

Past Performance



Lochmueller's roadway design experience includes widening, resurfacing, pavement reconstruction, utility coordination, stormwater retention, hydraulics, design and analysis of pedestrian and bicycle facilities, and lighting. Our engineers also have experience with innovative project delivery and/or value engineering, planning, and conceptual studies. Lochmueller can deliver any of our plans in a 3D format and has routinely developed simulations for public involvement purposes. Some of the many examples of our roadway design experience include the following projects:

South 5th Street Reconstruction for City of St. Charles, MO: Lochmueller designed improvements that included a full-depth pavement reconstruction from Fairgrounds Road to San Juan Drive. The existing asphalt pavement is deteriorating and is in poor condition. A recent pavement inspection found the roadway to have multiple distresses throughout the corridor, including alligator cracking, block cracking, and edge cracking. Lochmueller is responsible for redesigning the parking structure for the apartments located in the section of South 5th Street to provide more parking spaces and added safety to vehicles entering and leaving parking spaces. Additionally, Lochmueller is responsible for evaluating the road profile and cross section for improvements, drainage design, and design of existing water main replacement system.

Mid Rivers Mall Drive & St. Peters Howell Road Intersection Improvements for City of St. Peters, MO: This project will reduce traffic delays and increase safety at the intersection of Mid Rivers Mall Drive and St. Peters Howell Road by

adding extra lanes on Mid Rivers Mall Drive and westbound St. Peters Howell Road. Improvements include lane widening, new medians, sidewalks, ADA compliant curb ramps, and signal improvements. The project follows all LPA guidelines and processes.

North Lafayette Street Improvements for City of Florissant, MO: Lochmueller assisted the City of Florissant with successful STP-S Grant applications to obtain federal funding for improvements to North Lafayette Avenue in downtown Florissant. The effort involved developing a conceptual plan and cost estimate, completing the grant applications, and creating the required supporting documentation. Due to the overall cost of the improvements, the project was split into two phases to improve the chances of the projects being selected. Lochmueller was subsequently selected to provide final design, right of way acquisition, and construction inspection services to assist the City with implementation of the project. The original budget for total construction was \$2,116,431. Lochmueller completed the final design by the early winter of 2019. This was a strategic move by Lochmueller. We understood that the market for contractors is highly competitive in the fourth quarter, which would ensure high savings for the City. The final bid selection was \$1,982,657, resulting in \$133,774 in savings. This greatly exceeded the expectations of the City. When the project was fully constructed, the improvements to North Lafayette Street effectively helped revitalize the historic downtown district by providing state-of-the-art public infrastructure for the City's inhabitants and encouraging foot traffic to local storefronts. **This project was also a recipient of the following awards:** 2023 ACEC MO Honor Award; 2021 ACEC Indiana Merit Award.

East Essex Avenue Reconstruction for City of Glendale, MO: The proposed scope of work along East Essex Ave. from Dickson Street to North Sappington Road includes installing new roadway resurfacing pavement and texturing, concrete sidewalk including ADA compliant curb ramps, new concrete curb and gutter, driveway approach replacement, new storm sewer, modular block retaining walls, sodding, pavement markings, and utility relocation. The design required careful consideration of the impacts to the adjacent parcels to add new sidewalk along the roadway. Lochmueller also provided construction inspection services for this MoDOT LPA project.

Route 25/K Safety Improvements for MODOT: The Route 25 and Route K intersection in Gordonville, Missouri is a three-leg intersection with stop control on the westbound Route K approach. The intersection experiences high peak hour volumes from traffic heading to and from Cape Girardeau, Missouri. This resulted in long queues and significant delays for the west bound approach during both the morning and afternoon rush hours, and a crash rate 15 times the expected rate for the intersection. To address these problems, MODOT hired Lochmueller to conduct a traffic study and recommend intersection improvements. Upon completion of the traffic study, MoDOT selected Lochmueller to complete the design. Lochmueller designed a detailed 3D model of roadway improvements and developed final construction plans utilizing Open Roads Designer. The improvements involved pavement widening with a mill and overlay of the existing pavement, new roadway lighting, and minor drainage work. The widening and overlay were chosen over reconstruction to reduce construction costs and mitigate traffic impacts. The geometry of the roundabout was designed to accommodate large semi-trucks and farm equipment that utilize this intersection regularly. To improve their visibility, the concrete raised medians and truck aprons were designed with integral colors. **This project was also the recipient of the following award:** 2025 ACEC MO Honor Award.



Qualifications of Personnel

Our proposed team of specialists is prepared and capable of handling all facets of roadway design projects to include preparation of preliminary plans, contract plans/documents, permitting assistance, bidding assistance, PS&E, MoDOT coordination, right-of-way assistance, and construction administration, if needed.

Larry Thomason, PE has over thirty-five years of experience in transportation / hydraulic design and construction, public works administration, and legal representation. In addition to his engineering background, Larry is also an attorney. His past engineering work included the design and construction of the first modern roundabout on a Federal/State highway in Illinois (intersection of US Route 40/IL Route 160/IL Route 143), the design and construction of a roadway relocation project adjacent to a superfund site, a major drainage improvement project in a heavily developed industrial and residential area, several bridge hydraulic studies, managing the acquisition of several right-of-way parcels, and other complicated projects. Larry's experience will be used to make your project a success.

Niels Holbrook, PE joined Lochmueller as a Chief Highway Engineer and brings 18 years of experience from conceptual to final design, with the ability to lead and manage roadway design teams and striving to develop cost effective and innovative roadway designs that are on schedule, on budget, of high quality, and always to the client's satisfaction.

Lorne Jackson, PE has over 26 years of experience in civil engineering. His experience includes roadway planning; roadway and storm sewer design; development of design alternatives; preliminary, right-of-way, and final construction plans; preparation of cost estimates; and presentation of designs at public meetings.

Jason Frericks, PE, PTOE joined Lochmueller as a Senior Project Manager and has 23 years of civil engineering experience. He brings the ability to manage a wide variety of technical designs according to plan and budget. He has experience in transportation planning, design and construction. He has been involved with many traffic and intersection design studies for rural and urban street projects.

Collin Wilcox, PE is a civil engineer and project manager with 12 years of experience. He has provided civil design for roadway reconstructions, intersection improvements, greenway trail extensions, storm sewers, and curb ramp ADA improvements.

Sean Fox, PE is a civil engineer with 5 years experience. Sean leads a design team overseeing several complicated projects including a 6-leg modern roundabout at an interchange. He has worked on a wide variety of projects including roadway reconstruction projects, water main design, multimodal, greenway trail designs, and stormwater detention design. His work experience includes corridor modelling, grading and drainage design, and hydraulic analysis and modeling. He is proficient with software including Autodesk Civil 3D, Microsoft Office, StormCAD, and Open Road Designer.

Tyson King, PE, PTOE, RSP2i has 22 years of traffic/transportation engineering experience. He possesses a diverse background in transportation, which includes management of transportation improvement projects, traffic signal design/review and troubleshooting, signalized corridor optimization, and Intelligent Transportation System (ITS) deployment and operation. He is also experienced with the operation of Econolite, Siemens, Intelight, and McCain traffic signal controllers, as well as network management software such as ACTRA, TACTICS, and TransSuite ATMS.

Chip Touzinsky, PE, ENV SP is an accomplished professional with significant experience in transportation engineering who is interested in mentoring and leading project management staff on transportation projects. He offers outstanding team leadership, behavioral management, conflict resolution skills, and results driven direction. He is exceptionally organized and disciplined; possesses well-developed interpersonal relationship skills and the ability to motivate and direct others in a supportive, cooperative, and inclusive team environment.



Familiarity/Capability

Our staff is intimately familiar with Missouri and MoDOT personnel. Moreover, they are experienced working with the MoDOT design standards and meeting, and exceeding, MoDOT's expectations and processes.



Accessibility

Our staff is highly responsive, mobile, and readily available for new challenges. We take pride in being accessible and responsive to MoDOT, prioritizing communication and timeliness, and applying the same urgency that is typically imposed by our private clientele. Thank you for the opportunity to submit our qualifications. Please feel free to contact me either at the office phone 314.230.7983, my cell phone at 314.941.6657 or e-mail at ssmith@lochgroup.com.

Sincerely,

Lochmueller Group, Inc.

Scott J. Smith, PE

Vice President & Western Market Leader



PAVING THE WAY TO
BETTER ROADS



Lochmueller Group specializes in infrastructure design for local and state agencies throughout the Midwest. We understand the challenges facing clients today and continually strive to maximize benefits at every stage of a project to provide sensible, sustainable, and constructable designs.



The Best Time to Save Money is Before a Project Starts

When asked to review the scope of an intersection improvement project, Lochmueller roadway designers consulted with in-house traffic experts, who determined that resigning and restriping the intersection would solve the high crash rate—saving over \$700,000 in construction costs.



"The city appreciates the sensitivity Lochmueller Group showed in developing an innovative solution that considered the aesthetic and economic development impacts of this project on the community, while at the same time increasing safety for our residents and supporting the business goals of one of our largest employers."

SENSIBLE & INTEGRATED

In an era where officials and taxpayers have little tolerance for additional funding due to unanticipated needs, we find that investing a little more to thoroughly assess current conditions and goals before design begins yields big dividends in saving time and money later on. Designers work daily with in-house experts in environmental services, traffic, right-of-way, constructability, and public outreach to evaluate all aspects of a project. Often, minor changes in design can eliminate or reduce right-of-way, environmental, or utility impacts.

SUSTAINABLE

Many municipal clients today are looking for projects that address transportation needs, improve quality of life, and enhance economic attractiveness. Lochmueller has designed many projects that incorporate elements such as:

- Roundabouts
- Green Infrastructure for Stormwater Run-Off
- Bikeway & Pedestrian Facilities
- Stream & Habitat Mitigation
- Aesthetic Design Elements & Streetscape
- Transit-Oriented Design

CONSTRUCTIBLE

Lochmueller's in-house staff of resident engineers and construction inspectors provides a resource to designers in terms of constructability and understanding of how contractors view designs. They are well acquainted with the most cost-efficient approaches to construction and with what works best in the field, as well as on paper. Their expertise is available to provide insights to changing material and labor costs and construction phasing.

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