



**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

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Contact Email

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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 Transportation Planning

Dear Members of the Selection Committee:

Lochmueller Group (Lochmueller) understands the importance of selecting a firm that can provide exceptional Transportation Planning expertise. Lochmueller was founded as a planning firm by two planners who wanted to create actionable plans that resulted in positive changes for their communities. To this day, Lochmueller continues to approach every project from a planning perspective, never losing focus on the bigger picture.



General Experience of Firm

Lochmueller is a distinguished, multi-discipline firm that has provided expert transportation and infrastructure solutions to public agencies 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.

Our roster includes 33 team members who are solely devoted to traffic engineering and transportation planning, with 5 individuals certified as planners (AICPs), 16 PTOE's, and 5 Road Safety Professionals (RSPs). Throughout their careers, Lochmueller's Traffic Engineering and Planning Team has completed dozens of transportation plans, including pedestrian and bicycle plans, freight plans, safety plans, travel demand model development, transit evaluations, traffic calming studies, corridor plans, and long-range transportation plans. We have long-standing relationships with MoDOT staff, enabling us to communicate and work together effectively. We have performed numerous projects for MoDOT's St. Louis, Central, and Southeast Districts in the past several years.



Past Performance

A brief sample of our most recent transportation planning project experience includes the following:

SS4A Supplemental Planning Activities for the City of Kirkwood, MO: Following the adoption of its Vision Zero Action Plan (VZAP), the City of Kirkwood (with assistance from Lochmueller Group) applied for and was awarded funding through the USDOT's Safe Streets and Roads for All (SS4A) grant program to undertake four supplemental planning activities: a Safe Routes to School Plan, a Citywide Speed Limit Study, the Southeast Kirkwood Community Connectivity Plan, and the Performance Measure Evaluation and Dashboard. These planning activities advance the Kirkwood's VZAP by identifying specific policy, programmatic, and infrastructure recommendations to improve safety for all road users, with a focus on vulnerable road users like people walking, bicycling, and accessing transit.

Safety Action Plan for SEMPO: Lochmueller provided traffic engineering and planning services to SEMPO for the creation of a CSAP. The primary goal was transportation safety for all, including vulnerable road users. The SAP was built with the goal of reducing and eliminating roadway fatalities and serious injuries and was created as a unified platform, which SEMPO and its local agency partners can use to develop projects that save lives. We began with a comprehensive crash analysis, in which we collected and reviewed crash data from MoDOT and existing SEMPO data from the past six years for all public roads to determine existing conditions and trends. Using key metrics to create a safety index score, we utilized the index score to identify a HIN to prioritize locations for future safety improvements and achieve the largest impact and reduction in fatal and serious injury crashes.

On-Call Transportation Planning Services for SEMPO: This SEMPO On-Call Project included two work orders that involved a Regional Bike & Pedestrian Plan and ADA Transition Framework Plans. We created a Regional Bicycle & Pedestrian Plan (Plan) to guide the agencies within the SEMPO boundaries on the future regional investments in active

transportation infrastructure and programming to provide safe, practical, comfortable, and convenient pedestrian and bicycle travel for residents, businesses, and visitors. The first major non-mandatory plan for the budding MPO, this active transportation plan will advance SEMPO's initiative in planning for future health, safety, and success of communities within the region. In addition, the two ADA plans included a plan for the City of Cape Girardeau and for the City of Jackson. These ADA Framework Plans address the features listed above by inventorying all sidewalks in the PROW along County and Municipal roads and assessing such sidewalks to determine their compliance with ADA standards. A planning level cost estimate is provided for the features deemed non-compliant. These Framework Plans serve as a foundation for Cape Girardeau and Jackson as they move forward in completing their ADA Transition Plan.

Metropolitan Transportation Plan for SEMPO: Lochmueller developed a scenario-based Metropolitan Transportation Plan (MTP) for the Southeastern Metropolitan Planning Organization (SEMPO) to identify the long-term vision of the MPO and provide framework for future operations and maintenance of the transportation infrastructure for the various modes of regional transportation through 2045. Typically, a 12+ month process, the MTP was driven by its federally mandated schedule and an expiration date of the previous plan. Lochmueller produced a draft report in a highly condensed 4 ½ months with adoption by SEMPO in 6 ½ months. Adding to the complexity, the entire project, including successful and meaningful public engagement, was completed using virtual means during the pandemic.

Tri-County Comprehensive Safety Action Plan for the Tri-County Regional Planning Commission: Lochmueller developed an implementable CSAP for the Tri-County Regional Planning Commission (TCRPC). The goal was to create a CSAP that is holistic, forward-thinking, implementable, and able to receive funding through the SS4A and Highway Safety Improvement Program (HSIP) federal grant programs. This CSAP gives special consideration to the latest data regarding disparities between urban and rural roadway crashes.

Route 47 Corridor Study for Franklin County, MO: Lochmueller was responsible for evaluating the 12-mile Route 47 corridor extending from Washington to St. Clair, Missouri. Lochmueller was responsible for directing traffic and safety analysis, concepts for long- and short-term improvements, creating a selection matrix of the long-term corridor options that reviewed a high-level point-based weighted assessment of impacts related to operational improvements, safety improvements, economic development, environmental impacts, and planning level cost. Short-term improvements were also generated, sketch concepts with opinion of probable cost created, and improvements prioritized. We also led two safety audits with local stakeholders along the corridor.

Regional Freight Plan for Champaign County, IL Regional Planning Commission: Lochmueller supported the Champaign County Regional Planning Commission – the designated MPO for the Champaign-Urbana Urbanized Area – with conducting its first ever regional freight study. The study objectives included identifying freight movement patterns throughout the urbanized area, developing an inventory of freight facilities, establishing origin-destination information, and identifying freight needs and challenges for the region. To support these objectives, Lochmueller developed a freight forecasting model that estimates future freight demands and helps integrate freight planning into long-range transportation planning process.



Qualifications of Personnel

Lochmueller's traffic engineering and planning group has over 33 staff with the qualifications to serve any planning needs. The **principal members** of our team that would be available to MoDOT are listed as follows:

Chris Beard, PE, PTOE, has 20 years of traffic engineering and planning experience, and he currently manages the firm's Traffic Engineering and Planning team. Throughout his career, Chris has supported public agencies, private entities, and communities at large with identifying transportation problems and developing cost-effective and implementable solutions. His experience includes campus transportation plans, traffic impact studies, traffic signal timing and optimization, corridor planning, interchange studies, design-build project delivery, regional transportation plans, Downtown transportation plans, parking studies, transit studies and ridership forecasting, pedestrian and bicycle facility planning, and transportation model development. Chris also specializes in applying state-of-the-art modeling tools to evaluate complex transportation systems and generate performance metrics to inform decision-making and project programming.

Cheryl Franks, PE, PTOE, AICP, is a professional traffic operations engineer specializing in transportation planning and analysis, multimodal design, and traffic signal design. Over her more than 23-year career, she has led a diverse array of projects, including regional long-range transportation plans, bicycle and pedestrian plans, trail planning and design

projects, multimodal corridor studies, and ADA accessibility plans. With a passion for creating safe and inclusive multimodal transportation systems and experience at all stages of planning and project development, Cheryl works with communities of all sizes to build a shared vision for the future of transportation and helps bring their vision to life through implementable strategies and designs that blend aspiration with practicality.

Tyson W. King, PE, PTOE, RSP2i, has 22 years of traffic and transportation planning 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.

Peter Williams, AICP, GISP, is a certified Urban Planner and GIS professional with a passion for fostering equitable, healthy, and active communities. Peter's skills, including GIS-based analysis and mapping, project planning, technical writing, and creative problem-solving, make him a tremendous asset to the action planning process.

Grace Hartman, EI is a versatile transportation planner with extensive public engagement experience, including facilitating community meetings, developing surveys, and coordinating stakeholder outreach for SAPs and corridor studies.

Kevin Neill, AICP, RSPi is a transportation planner with a passion for fostering healthy and active communities. From statewide bicycle and pedestrian master plans to regional trail plans to corridor studies, Kevin has worked with communities across the country to integrate active mobility into transportation projects and systems. He brings a client-focused approach to his projects and emphasizes open communication, shared expectations, and customer satisfaction. Kevin has led bicycle and pedestrian master plans for more than 20 municipalities in the Midwest, and has worked on more than 50 master plans, corridor studies, feasibility reports, grant applications, and implementation projects.



Familiarity/Capability

This group has completed dozens of transportation planning projects in the St. Louis, Southeast, and Central regions of the state and is familiar with the transportation issues and personnel in those areas as well as the requirements of the Engineering Policy Guide. We have strong relationships with MoDOT and municipal representatives, having worked directly for MoDOT or having made submittals to MoDOT on behalf of others, and our staff is very familiar with MoDOT protocols. We continually provide training opportunities to our staff and utilize the latest tools available. We have expert GIS staff that allows us to efficiently analyze and geolocate large datasets. We are also familiar with programming languages such as R and Python that further our geospatial capabilities. For safety plans, we have utilized connected vehicle data to identify locations where harsh braking is prevalent that may pose a safety concern despite the absence of actual crashes. In addition, our transportation planning services are complemented by in-house expertise in other fields (i.e., traffic engineering, stormwater, right-of-way acquisition, roadway design, bridge design, environmental, etc.) that allows us to develop comprehensive, synergistic solutions.



Accessibility

Lochmueller has successfully completed many transportation planning assignments within a 150-mile radius of St. Louis. 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. Given the size of our team, we have the capacity to work concurrently on multiple assignments.

Thank you for the opportunity to submit our qualifications. Please feel free to call me at 314.230.7983, or my cell phone at 314.941.6657.

Sincerely,

Lochmueller Group, Inc.

Scott J. Smith, PE

Vice President & Western Market Leader

DELIVERING A
BETTER TOMORROW
FOR ALL



Lochmueller Group specializes in infrastructure design for local and state agencies. 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.



LEARN MORE
ABOUT US



Opening our doors in Evansville, Indiana in 1980, our company has expanded to numerous offices across Indiana, Illinois, Ohio, Kentucky, Missouri, Kansas, and Texas. Over the years, Lochmueller Group has received many awards and recognitions for our work, including being named one of the Top 500 Firms by the Engineering News-Record (ENR). With a commitment to excellence and a dedication to our clients, Lochmueller Group has established itself as a leading engineering firm in the industry.

OUR SERVICES

Highway & Road Design

- » Highway/Interstate, Road Design
- » Complete Streets/Multi-Modal Facilities
- » Streetscape
- » Signage, Striping & Pavement Markings
- » Sidewalks & ADA Compliance
- » Traffic Signals & Signal Systems
- » Roundabouts
- » Utility Coordination & Drainage

Structural Engineering

- » Bridge Replacement & Rehabilitation
- » Historic Bridge Rehabilitation
- » Overpasses & Interchange Ramps
- » Drainage Structures

Traffic & Engineering Planning

- » Traffic Impact Studies
- » Signal Timing/Optimization
- » Intelligent Transportation Systems
- » Safety Studies
- » Parking Studies
- » Intersection Design Studies
- » Feasibility Studies
- » Access Management Planning
- » Traffic Calming Solutions
- » Transit-Oriented Development
- » Traffic Simulation Modeling
- » Multi-Modal Planning
- » Transportation Forecasting
- » Corridor Studies
- » Long-Range Transportation Planning
- » Community Transportation Planning
- » Travel Demand Modeling

Environmental Studies

- » NEPA Studies & Documentation
- » Indirect & Cumulative Impacts Analysis
- » Socioeconomic/Community Impacts
- » Noise Analysis Modeling & Barrier Studies
- » Section 106 & Section 4(f) Documentation
- » Stream Assessments, Design & Mitigation for Water Quality & Biota, & Restoration
- » Karst Studies
- » Field Surveys for Animals, Plants & Ecosystems
- » Threatened & Endangered Species Consultation
- » Erosion Control Inspection & Reporting
- » State & Federal Water Permitting
- » Stormwater Permitting
- » Wetland Delineation, Design, Mitigation, Monitoring, & Maintenance

Water Resources

Stormwater

- » Master Planning
- » Drainage System Design
- » Green Infrastructure
- » Sediment & Erosion Control
- » MS4 Program Management & Assistance
- » Watershed Management
- » Regulatory Compliance
- » Permit Negotiations
- » Ordinance Management
- » Funding & Grant Procurement & Management

Water

- » Hydraulic Modeling
- » Master Planning & System Mapping
- » Capacity Development
- » Treatment Systems
- » Distribution Systems
- » Chemical Feed Systems
- » Storage Tanks
- » System Operations Evaluations
- » Regulatory Compliance
- » Source Water Protection Programs
- » Hydrogeological Services

Wastewater

- » Master Planning
- » Long-Term Control Plans for CSOs
- » Hydraulic Modeling
- » Wastewater Treatment Plants
- » Storage Tanks & Interceptor Sewers
- » Collection Systems
- » Pump Stations & Force Mains
- » Septic Tank Elimination Projects
- » Constructed Wetlands
- » Wet Weather Management
- » Operation Compliance & Assistance
- » Regulatory Compliance
- » National Pollutant Discharge Elimination System
- » Permit Negotiations
- » Funding & Grant Procurement & Management

Rail Design

Energy & Industrial

Survey & Right-of-Way

Urban Design &

Landscape Architecture

Construction Administration