



**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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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**

RE: MISSOURI'S LOCAL PROGRAM (LPA) ON-CALL PREQUALIFICATION - TRANSPORTATION PLANNING



Dear Ms. Buechter and Members of the Selection Committee,

The Missouri Department of Transportation (MoDOT) continues to partner with Local Public Agencies (LPAs) and consultants to maximize mobility, safety, and efficiency for the people of Missouri through system preservation and strategic investments for safety and efficient capital improvements.

MoDOT, LPAs, and their industry partners have undergone enormous change over the past three years, from workforce changes, to travel pattern fluctuations with safety impacts, to delivery of large-scale improvements around the state. MoDOT has continued to deliver in partnership with LPAs and the transportation industry to maximize delivery of enhancements, maintenance, and improved operations for the people of Missouri. Despite adverse and changing conditions, MoDOT has a strong track record of completing projects on time while delivering record-level contractor awards and making progress towards decreasing the annual fatality rate on Missouri roads. LPAs have also delivered well despite record funding levels and inflation pressures.

As MoDOT and LPAs look at future challenges and opportunities, the Transportation Planning On-Call Contract supports continuation of this mission. WSP is excited about the opportunity to serve LPAs through on-call professional services, as we share MoDOT's mission to provide a world-class transportation experience and promote a prosperous Missouri.

General Experience of the Firm

With a local history dating back more than 75 years, WSP has continued to evolve and grow in Missouri. Recent growth and acquisitions have resulted in bringing our total number of Missouri employees to more than 700. Through our years of experience serving municipal, regional, and state agencies, WSP has become specialized in completing a wide range of project types. Regardless of project size, we involve our best local talent to deliver high quality in an efficient manner.

WSP brings specialized expertise in transportation planning with a focus on the planning process and specific passion for safety for all modes. We see the role transportation plays in improving communities and align our processes to be people focused, engaging, and inclusive. Safety, equitable access, economic opportunity, and public health are key pillars for our planning practice.

Our team brings an unparalleled breadth of expertise in delivering multimodal and Complete Streets projects of any size, from planning and design of specific infrastructure facilities to the creation of community-wide transportation master plans, active mobility plans, Complete Streets policies and design guides, safety action plans, transit plans, and more.

Past Performance

WSP's commitment to service excellence and quality has established a strong reputation within the industry. Our consistent volume of repeat engagements and on-call contracts with regional, county, and local agencies across the state reflects the high caliber of our work and our dedication to supporting transportation infrastructure statewide. From on-call and standalone contracts with Jefferson County, St. Louis County, City of Kansas City, Bi-State Development, EWCOG, MARC, and Great Rivers Greenway, we have in-depth knowledge from many perspectives and across jurisdictions.

Our experience with MoDOT and these partners provides our team with an understanding of the constraints and requirements necessary for planning, designing and constructing infrastructure. We understand the required procedures, requirements, the Department's goals for oversight of these projects, and we know the local environment and challenges; we stand ready to support your mission.

The following sections detail the projects and people representing our diverse experience. Please see our team's relevant project experience on the following page.

WSP MISSOURI OFFICES: Kansas City Jefferson City Ballwin Creve Coeur St. Louis	700 MISSOURI TEAM MEMBERS	
	250 Civil	7 Transportation Planners
	40 Structural	28 Accounting, Administrative, & Marketing
	15 Traffic	20 Cultural Resources
	10 Mechanical	20 Architects
	140 Electrical	25 Program Management & Project Controls
	35 Geotechnical	
	60 Environmental	
	25 Natural Resources	
	35 Technicians	



Client, Project, Location	Brief Scope	Project Relevance	Key Staff
EWGCOG/MoDOT, Arterial Assessment Study - Blueprint for Arterials, St. Louis, Franklin, Jefferson Counties, MO	The EWG-MoDOT Arterial Assessment 2024 represents a paradigm shift for the St. Louis Region. The resulting Blueprint for Arterials is intended to be a planning and design development tool for each of the major agencies in the St. Louis region. The Blueprint provides for a consistent process with flexibility in design and a focus on creating improvements that accommodate all users. The document aligns regional policies and procedures with design tools and traffic calming features for 24 roadway typologies found in the region.	Created a supplement for MoDOT EPG for planning process.	Jennifer Pangborn, Mike Dolde, Bryan Robinson, Josh Boehm
MoDOT, I-55 Corridor Improvements, Jefferson County, MO	WSP was selected to develop a thorough understanding of existing conditions and provide MoDOT with innovative and flexible solutions that allow priorities to be funded efficiently. Providing project management and design-build expertise that brings cost-effective solutions and perspective to the team, WSP leverages local expertise to deliver efficient engagement and high-quality work. Tasks include evaluation of existing bridge conditions with recommendations for repair or replacement and preliminary design of bridges over railroads.	Alternative concept development, public engagement.	Jennifer Pangborn, Mike Dolde
City of Kansas City, Reconnecting the West Side PEL Study, Kansas City, MO	This is a community-oriented planning study focused on the barriers created by legacy infrastructure investments in the mid-20th century and onward. In partnership with MoDOT, FHWA, KDOT, and MARC, the City of Kansas City is leading an effort to explore future alternatives for I-35. The PEL study developed a statement of purpose and need focused on improve transportation safety, creating new multimodal connections across existing barriers, and maintaining a state of good repair in the neighborhood, among several other community-focused goals. The project will develop and screen a range of short- and long-term alternatives that meet these needs and goals and identify reasonable alternatives.	Future alternatives planning, transportation safety improvements.	Josh Boehm, David Valdiviezo
City of St. Louis, Traffic Engineering On-call, St. Louis, MO	WSP has provided on-call traffic engineering planning services to the City, supporting safety and operational improvements since 2019. Our work includes data collection, traffic and safety studies, operations support, and planning and design of traffic calming and infrastructure upgrades. Notable projects include traffic calming along Skinker, a neighborhood traffic study for Skinker-DeBaliviere, and safety improvements near Ted Drewes—including new crossings, lighting, and safety features. WSP recently finalized safety and traffic calming enhancements for the Gravois Corridor, including bike lanes, raised medians, rectangular rapid flashing beacons (RRFBs), and upgraded signage.	Transportation planning, traffic and safety analysis, stakeholder engagement.	Mike Dolde, Jennifer Pangborn, Bryan Robinson

Qualifications of Personnel Assigned

The WSP team has been tailored to best meet the needs of projects statewide and represents our staff in Kansas City, Jefferson City and St. Louis. We are committed to bringing local, efficient, and fiscally responsible solutions publicly funded projects. With staff at all levels of experience located in Missouri, we can tailor our project team to support projects of any size. The following key staff represent just some of the breadth and depth that we offer to support the Transportation Planning On-Call Contract.



Jennifer Pangborn, AICP, RSP₁

Experience: 19 Years | **Location:** St. Louis, MO

Jennifer has dedicated her professional career to improving people's lives through transportation. She is passionate and committed to connecting people to opportunities and making the places we live, work, and play safer, more efficient, and more enjoyable. Jennifer works to marry the technical side of engineering

and her understanding of construction and operations with planning and the visioning portion upfront of projects.



Mike Dolde, PE

Experience: 23 Years | **Location:** St. Louis, MO

Mike is a supervising traffic engineer experienced in traffic engineering, safety studies, intersection studies, designing and implementing new traffic signal and ITS devices and optimizing and implementing new signal timing plans. Mike is a sought out technical leader in his field and provides more efficiency in daily tasks, projects, and public infrastructure. Mike has managed projects of all sizes including numerous on-call projects. Mike has been studying traffic and has worked to improve traffic conditions in the St. Louis Region since 2002.



Dawn Walter

Experience: 2 Years | **Location:** St. Louis, MO

Dawn’s planning background includes congestion pricing, capital project planning, comprehensive planning, intergovernmental relations and coordination, and public engagement. She is proficient in using ArcGIS Pro, Adobe Illustrator, and InDesign to support her projects. Within the field of planning, her focus is increasing accessibility within transportation systems, specifically for older adults and disabled individuals.



Josh Boehm, AICP

Experience: 12 Years | **Location:** Kansas City, MO

Josh is an urban planner and data scientist. He helps clients make better decisions about infrastructure priorities using data. Josh’s unique previous experience as a planner in both the public and private sectors, as well as a solution architect for a government technology start-up, brings both domain experience in transportation planning and practical experience in data science. His advanced data wrangling skills and reproducible approach to data analysis helps efficiently produce analysis through multiple phases of a project, no matter how complex underlying data sources are. Josh is passionate about reducing automobile dependency and creating safer streets for all road users.



David Valdivizeo

Experience: 11 Years | **Location:** Kansas City, MO

David is an urban planner and community engagement specialist. He helps communities of diverse backgrounds engage in the planning process, and assists clients in making more inclusive planning studies. David has had a unique blend of professional experience, working in local politics, public, private and non-profit sectors- all with the common thread of supporting and advancing socio-economic opportunities for underserved communities. Primarily a transit rider, David is passionate about building transportation systems that are inclusive of all backgrounds.



Bryan Robinson, AICP, LEED AP, RSP1

Experience: 21 Years | **Location:** Portland, OR

Bryan is a vice president and urban designer with experience spanning architecture, urban design, planning, and economic development in both the public and private sectors. Bryan has effectively led numerous planning processes and design charrettes, working closely with elected officials, municipal leaders, neighborhood groups, business associations, and advocates to create consensus-driven plans and policies that shape vibrant communities.

Familiarity/Capability

WSP is familiar with federal aid projects and delivering projects that are compliant with local, state, and federal requirements. As a national infrastructure firm, we work with federal, state, and local clients every day to deliver a wide range of project types with federal aid that are compliant with federal law. Locally, we have participated in numerous projects for both MoDOT and local public agencies that utilized federal grant money.

We are deeply familiar with local and national standards, guidelines, and best practice such as those from the National Association of City Transportation Officials (NACTO), American Association of State Highway and Transportation Officials (AASHTO), the Federal Highway Administration (FHWA), and MoDOT EPG. We have experience helping communities to craft their own guidelines, as well as conducting trainings to ensure local public agency staff are equipped with the knowledge to be able to put these guidelines into practice.

Accessibility of Firm And Staff

With multiple offices and key staff in St. Louis, Jefferson City, and Kansas City, WSP is poised to deliver efficiently and in a responsive manner for any assignment that MoDOT considers us for. Our history working for public agencies can be validated by Tim Nittler (Bi-State Development Agency, fnittler@MetroStLouis.org), Marcie Meystrik (EWGCOG, marcie.meystrik@ewgateway.org), Jarek Czernikiewicz (City of St. Louis, czernikiewiczj@stlouis-mo.gov). With a diverse and growing team across Missouri, WSP is poised better than ever to serve the state of Missouri through the LPA program.

WHY IS WSP A YES?



WSP has a commitment to quality, technical excellence, the respect of our peers, and, most importantly, our client focus. We understand the complexities and requirements of delivering federally funded projects for local agencies and the need to meet the obligations this funding demands. We place the same importance on serving local agencies throughout Missouri that we do for our state and federal agency projects. If you have any questions regarding our submittal or would like to discuss it in greater detail, please contact me directly at 314-206-4262 or dan.dearmond@wsp.com.

Dan DeArmond, PE | Transportation Business Line Leader, Missouri





Question Today
Imagine Tomorrow
Create for the Future

ABOUT WSP

WSP USA Inc. (WSP), one of the world's leading engineering and professional services consulting firms, provides services designed to transform the built environment and restore the natural one. Our expertise ranges from environmental remediation and urban planning, to engineering iconic buildings and designing sustainable transport networks, to developing the energy sources of the future and enabling new ways of extracting essential resources.

An industry leader for more than a century, WSP is currently at work on hundreds of transportation projects nationwide, including transit and rail, highways, airports, and seaports. Our history of transportation engineering began with the design and construction of the original New York City subway (1891-1904). Since that time, the WSP team has contributed to countless highways, bridges, tunnels, ports, and airports, among them some of the most well-known transportation infrastructure projects in the U.S.

Approximately 73,000 employees, including engineers, technicians, scientists, architects, planners, surveyors, program, and construction management professionals, as well as various environmental experts, work for this dynamic organization in more than 500 offices across 50 countries worldwide.

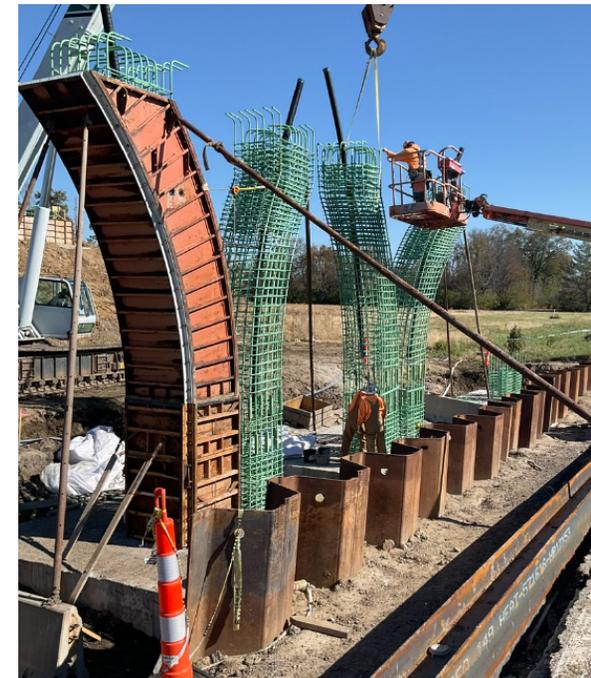
WHAT WE DO

SECTORS

- TRANSPORTATION & INFRASTRUCTURE
- PROPERTY & BUILDINGS
- WATER & ENVIRONMENT
- ENERGY
- ADVISORY SERVICES

SERVICES

- STRATEGIC CONSULTING
- PLANNING
- PROGRAM MANAGEMENT
- ENGINEERING
- CONSTRUCTION MANAGEMENT
- OPERATIONS & MAINTENANCE



WSP'S PRESENCE IN MISSOURI

WSP has a strong presence in **Missouri** and has supported state and local public agencies in designing and implementing a wide range of projects. Recent growth and acquisitions have resulted in bringing our total number of Missouri employees to over 700, including architects, planners, engineers, and environmental professionals. By collaborating with our colleagues around the globe, we are able to combine global reach with strong local knowledge.

Our **St. Louis** area offices serve a wide variety of infrastructure, environmental, and building markets for both public and private sector clients ranging from MSD St. Louis Sewer District to Bi-State Development (Metro), East-West Gateway Council of Governments (EWGCOG), Great Rivers Greenway, St. Louis and Jefferson Counties, and Ameren.

Our **Kansas City** office, established in 2001, relocated to downtown Kansas City from Lenexa, and expanded to provide an array of services including transportation planning and design, environmental, and cultural resources support for a variety of local agencies in Missouri including Mid-America Regional Council (MARC), North Kansas City, and the City of Kansas City.



WSP MISSOURI OFFICES:

Kansas City | Jefferson City | Ballwin | Creve Coeur | St. Louis



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At WSP, we have extensive experience in all forms of transportation, including airports, streets and highways, bridges, rail systems, buses (including Bus Rapid Transit), and ports. We work under many different forms of project delivery, and are involved in design-bid-build and public-private partnerships (P3) projects, as well as design-build (DB) projects. We also provide broad oversight and direction of complex capital projects, and we have worked on integrated teams with our clients to deliver some of the region's largest and most well-known transportation infrastructure projects.

Specialty services include a full range of planning and environmental review, value engineering, financing and procurement strategies, signal operations, technology innovation support, and public involvement activities including social media and mobile applications to assist clients in informing and engaging with project stakeholders and the public. We can deploy the latest technological advances, such as virtual design and construction (VDC) or building information modeling (BIM) which enable teams to identify and solve potential problems early, in a virtual environment, before construction begins.

MISSOURI EXPERIENCE

- Environmental Planning
- Master Planning
- Corridor Planning
- Corridor Studies
- Signal Optimization
- Public Involvement
- Financial Planning
- Design & Engineering
- Architecture & Facility Design
- Condition Assessment
- Structural Engineering
- Mechanical Engineering
- Value Engineering
- Electrical Engineering
- LEED Design
- Civil Engineering
- Traffic & Transportation Engineering
- Intelligent Transportation Systems
- Water Resources Engineering
- Construction Administration
- Construction Management
- Program Management
- Public Private Partnerships



MISSOURI PROJECTS

City of Kansas City, Reconnecting the West Side PEL Study: This is a community-oriented planning study focused on the barriers created by legacy infrastructure investments in the mid-20th century and onward. In partnership with MoDOT, FHWA, KDOT, and MARC, the City of Kansas City is leading an effort to explore future alternatives for I-35. The PEL study developed a statement of purpose and need focused on improve transportation safety, creating new multimodal connections across existing barriers, and maintaining a state of good repair in the neighborhood, among several other community-focused goals. The project will develop and screen a range of short- and long-term alternatives that meet these needs and goals and identify reasonable alternatives.

Hodiamont Greenway: working for Great Rivers Greenway in partnership with the City of St. Louis and Bi-State Development, WSP is providing conceptual and final design for the phased conversion of St. Louis' oldest streetcar line to a modern urban greenway. Services included Phase 1 environmental investigations, concept development, traffic and safety engineering, preliminary and final design. The three and a half mile route includes dozens of at-grade street crossings as the corridor has essentially served as an alley within the city street grid.

EWGCOG/MoDOT, Arterial Assessment Study - Blueprint for Arterials: The EWG-MoDOT Arterial Assessment 2024 represents a paradigm shift for the St. Louis Region. The resulting Blueprint for Arterials is intended to be a planning and design development tool for each of the major agencies in the St. Louis region. The Blueprint provides for a consistent process with flexibility in design and a focus on creating improvements that accommodate all users. The document aligns regional policies and procedures with design tools and traffic calming features for 24 roadway typologies found in the region.

Jefferson County Port Authority: working under an on-call contract, WSP has provided master planning and environmental support, grant writing and roadway design for the on-going conversion of a former lead smelter site into the new Jefferson County Port. Design services include bid documents for the new access road for the future development, bid and construction phase support.

Grand Boulevard, City of St. Louis: as part of the City's Principal Arterials Safety Enhancement Program, WSP provided concept development, planning, stakeholder engagement, and final design documents for a 7.5 mile section of Grand from north of I-70 to Holly Hills Avenue in South St. Louis City as well as two additional high-crash locations in the City. Scope included an extensive re-imagining of the corridor including ADA improvements, bus stop treatments, curb bump outs, lane reductions, and implementation and improvement of dedicated bike lane.

LOCALLY DEDICATED WITH INTERNATIONAL SCALE

WSP offers a global scale of services and intelligence combined with local knowledge of the communities in which we work. We provide the specialized expertise and responsiveness of a local firm, with the breadth and depth to successfully deliver large and complex projects. Our team includes talented, skilled, and experienced professionals who are:

- PASSIONATE about problem solving
- LEADERS in their technical fields
- COMMITTED to unrivaled service
- DEDICATED to improving their communities

MoDOT On-Call Services: providing traffic and safety analysis, roadway design, bridge design, signal optimization, sign inspection, value engineering, environmental, geotechnical, and ADA design services on over 25 assignments over the last ten years in St. Louis, Northeast, and Kansas City Districts.

I-55 Jefferson County Design-Build Owner Support: serving as MoDOT’s planning, traffic, and engineering support for this \$246M design-build project. Tasks included concept development, preliminary engineering, traffic analysis, risk, environmental support, and cost estimating. Services span pre-RFQ, procurement phase, and starting in 2024, design and construction phase services.

MoDOT Signal Optimization: WSP has performed dozens of signal optimization projects over the last 15 years including traffic signal timing, phasing, and coordination on various corridors in MoDOT’s St. Louis District. Recent corridors include MO 115, 21, EE, U, and I-70 interchanges. The work included collection of traffic count data, synchro analysis of existing conditions, development of proposed timing and phasing improvements, implementation of timing changes, field review, and final field timing optimization.

WORKFORCE DIVERSITY

At WSP, our collective diversity of thought, experience, and background comprises the strength of our firm. Our inclusive culture is one that accepts, values, and recognizes the strength of the difference each individual brings to our team.

It is our policy to ensure the organization attracts, develops, respects, motivates, and retains highly skilled people without regard to race, religion, color, national origin, sex, age, sexual orientation/gender identity, disability, status as a veteran, or any other class protected by applicable federal, state, or local laws at all levels of employment. We provide reasonable accommodations for disability, limited language proficiency and religious practices to fulfill our policy.

We seek talented people from backgrounds and cultures as rich and varied as the work we do. Our offices have a diversity policy that embraces a diverse workforce and actively seeks opportunities to employ women and minorities and provide them with leadership opportunities. We also have a history of promoting a science, technology, engineering, and math (STEM) career path to local high school and college age women and minorities. Examples of this commitment include fundraising towards the Women’s Transportation Seminar (WTS) scholarship fund and participating in “Introduce a Student to Engineering Day” during engineer’s week.



GUIDING PRINCIPLES

We value our people and our reputation. We make extraordinary efforts to attract, develop, engage and retain the best professionals in our fields of expertise because this is what makes us great. We put the highest ethical standards at the center of all we do. We are humble and act with moral and intellectual integrity, keep our word, treat everyone with respect, support our colleagues, and embrace diversity.

We are locally dedicated with international scale. Our strength is our ability to adapt to our client culture and local markets. We provide our clients with the same personalized services as a specialist firm while at the same time leveraging our worldwide expertise to undertake the most complex projects and assist our clients to realize their ambitions.

We are future-focused and challenge the status quo. We anticipate trends in order to propose innovative ideas for our clients to meet their business objectives. We ask questions, look at complex problems from different angles and find solutions that break paradigms. We are problem-solvers who evolve, improve, modernize and excel. We know our solutions will shape the communities of tomorrow and help societies thrive sustainably.

We foster collaboration and partnership in everything we do. Our international agility is founded on our collaborative working environment. Our devotion to teamwork creates unique international networks of outstanding professionals who understand that great achievements come from collaboration.

We have an empowering culture and hold ourselves accountable. We are empowered to turn challenges into opportunities while being held accountable to standards beyond the norm. Our proactive leadership empowers us to be client-focused, agile and responsive, while at the same time being accountable to our clients, our peers and our shareholders.

PROJECT SUCCESS

Our success on each project begins with a detailed understanding of the project’s scope, budget, and schedule. This specific understanding—which includes information on the community impacts during and after construction—allows us to provide the right match of resources and experience to deliver the project on time and within budget. We understand the right team is not dictated by numbers of available staff, but the right expertise to execute a solid approach, which will exceed our client’s goals.

OUR PURPOSE

We exist to shape communities to advance humanity.

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