



**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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WSP USA Inc.

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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**

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 Environmental On-Call Contract supports continuation of this mission. WSP is excited to serve LPAs through on-call professional services, as we share MoDOT's mission to provide a worldclass 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.

The WSP NEPA team is a leader in providing environmental consulting services to government and industry, offering the full range of services for transportation projects needed to satisfy the requirements of NEPA. We are able to provide proven expertise to our clients in formulating purpose and need statements, developing and evaluating defensible project alternatives, preparing NEPA-level reports and establishing and coordinating public involvement and agency coordination programs to support all of these items. Our team also understands the importance of streamlining the

NEPA permitting process through the implementation of appropriate avoidance/minimization/mitigation measures. Our team of professionals work together to make sure all facets of the team understand a project's objectives.

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 | Crève Coeur | St. Louis



700 MISSOURI TEAM MEMBERS

- 250** Civil
- 40** Structural
- 15** Traffic
- 10** Mechanical
- 140** Electrical
- 35** Geotechnical
- 60** Environmental
- 25** Natural Resources
- 35** Technicians

- 7** Transportation Planners
- 28** Accounting, Administrative, & Marketing
- 20** Cultural Resources
- 20** Architects
- 25** Program Management & Project Controls

Client, Project, Location	Brief Scope	Project Relevance	Key Staff
MoDOT, Route 63 Environmental Impact Statement Re-Evaluation, Osage, Maries, Phelps Counties, MO	WSP conducted a re-evaluation of the Route 63 in Osage, Maries, and Phelps Counties. EIS that was completed in 2009 for 47 miles of Route 63 south of Jefferson City to north of Rolla was reviewed of the prior conclusions and findings in consideration of existing updated information on environmental resources and proposed project designs. The project included a traffic study, waters of the U.S. and protected species assessment and reporting, and evaluation of archaeological and historic architectural resources not evaluated for the 2009 study.	NEPA Re-Evaluation, noise assessment, cultural survey, WOTUS, and habitat surveys.	Natalie Reiss, Erin Alsop, Mike Lehmann
MoDOT, Route 67 Environmental Impact Statement Re-Evaluation, Butler County, MO	WSP conducted a re-evaluation of the 2005 U.S. Route 67 EIS which evaluated improvements to 71 miles of existing highway in Madison, Wayne, and Butler counties. WSP assisted MoDOT with public coordination and consultation with USFWS and other agencies/stakeholders. The project included waters of the U.S. and protected species habitat assessment, bat surveys, reporting, and consultation support including an archaeological survey of new ROW that recorded one new site and revisited two previously recorded sites. Twelve architectural resources were also assessed for their NRHP eligibility.	NEPA Re-Evaluation, cultural survey, WOTUS, and habitat surveys.	Natalie Reiss, Rebecca Porath
MoDOT, I-70 Segment 6 EA Re-Evaluation, Montgomery County, MO	WSP prepared a re-evaluation of the 2004 I-70, SIU 6 EA which included an approximately 27-mile stretch of I-70 between Kingdom City and the Route 19 interchange. The re-evaluation included an assessment of findings on resource impacts and environmental commitments made in the original 2004 EA. WSP conducted field review and desktop analysis to evaluate changes to all resources, commitments, and mitigation measures. WSP produced a final re-evaluation document that was approved by Federal Highway Administration (FHWA).	NEPA Re-Evaluation, field verification of desktop resource review.	Natalie Reiss, Rebecca Porath
MoDOT, Route 100 CE2, St. Louis County, MO	WSP's St. Louis NEPA team prepared a categorical exclusion document associated with an ADA and safety improvement project on five miles of Route 100 that extend through St. Louis County. The project involved evaluation of impacts to socioeconomic and natural resources along the corridor and included substantial coordination regarding potential impacts to park resources which resulted in the preparation of a Programmatic Section 4(f) Net Beneficial Use Evaluation. The project received FHWA approval in 2019.	Section 4(f), coordination with local municipalities.	Natalie Reiss
USFWS, Missouri Dept of Conservation, Taylors Landing Access Relocation EA, Cooper County, MO	WSP prepared an Environmental Assessment to determine the impacts of relocating a public river access facility and boat ramp along the Missouri River, within the Big Muddy National Fish and Wildlife Refuge.	Environmental assessment for Missouri Department of Conservation.	Rebecca Porath, Natalie Reiss, Erin Alsop

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 Environmental On-Call Contract.



Natalie Reiss

Experience: 12 Years | **Location:** Ballwin, MO

Natalie has extensive experience in writing, reviewing, and managing environmental impact analyses, particularly for NEPA documents such as environmental assessments and environmental impact statements on behalf of the FHWA and other federal agencies. She has also performed non-water quality environmental impacts studies in conjunction with Clean Water Act Section 316(b) for utility clients. Areas of focus include noise and visual impact assessment, socioeconomics and environmental justice, air quality, safety, and human health and environmental impacts.



Mike Lehmann, PWS

Experience: 14 Years | **Location:** Ballwin, MO

Mike has professional experience working as a biologist, project manager, and permitting specialist in various terrestrial and aquatic ecosystems. He has led and managed teams for large projects involving numerous biological evaluations and has provided support in wetland delineations, analyses, permitting, regulatory compliance, and associated reporting throughout multiple states in the Midwest, including Missouri, Illinois, and Arkansas. He has also supported NEPA analysis, desktop analyses, environmental site assessment, threatened and endangered species surveys, ESA Section 7 consultation, and reporting.



Rebecca Porath, MS

Experience: 25 Years | **Location:** Ballwin, MO

Rebecca has experience in the environmental industry providing ecological and NEPA project support. Areas of focus include T&E species, wildlife, vegetation, aquatic resources, surface waters, land use, air quality, hazardous materials, and visual impact assessment and NEPA processes for Great Lakes Fishery Commission, TVA, USFWS, USACE, Missouri Department of Conservation, NPS, U.S. DHS, U.S. DoD, TN and Illinois DOT, and the Virginia Department of Rail and Public Transportation



Erin Alsop

Experience: 8 Years | **Location:** Ballwin, MO

Erin is an environmental planner with experience in NEPA document preparation. She has participated in environmental assessment and environmental impact statement document preparation for federal agencies. Her experience also includes consulting with federal, state, and local agencies for NEPA projects, focusing on socioeconomics, managed and natural areas, recreation, and technical assistance for the compilation of NEPA documents, including editing, supporting comment responses, and organizing public comments.



Justin Williams, PWS

Experience: 17 Years | **Location:** Ballwin, MO

Justin is a senior biologist and project manager specializing in wetland and ecological services, Clean Water Act (CWA) Section 404/401 permitting, natural resources surveys and habitat assessments. His previous clients have included a variety of local, state, and federal government entities, utility providers, real estate and renewable energy developers, industrial entities, financial institutions, and architectural and engineering firms. Responsibilities have included CWA permitting, wetlands and waterways delineations, stream and wetland mitigation plan development and site

monitoring, aquatic and terrestrial habitat assessments, threatened and endangered species habitat surveys and agency consultation services.

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.

Our St. Louis NEPA staff have collaborated and conducted EAs and EISs for MoDOT, Illinois DOT, Kansas DOT, and St. Louis County DOT, providing local depth and capability to meet MoDOT's needs. WSP has established a partnership with MoDOT over the last 25 years, having successfully completed numerous CE, EA, and EIS documents.

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, tnittler@MetroStLouis.org), Marcie Meystrik (EWGCOG, marcie.meystrik@ewgateway.org), and Jarek Czernikiewicz (City of St. Louis, czernikiewiczj@stlouis-mo.gov). With a diverse and growing team across Missouri, WSP is poised 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.

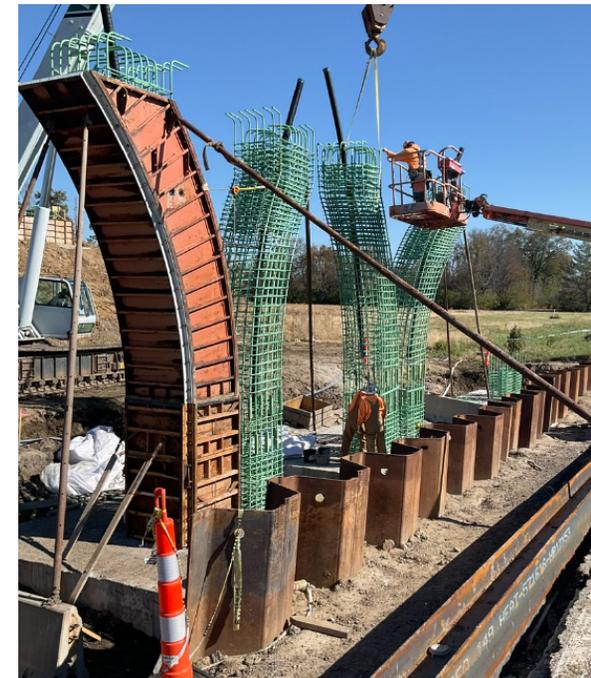
WHAT WE DO

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.



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140 Electrical	20 Architects
35 Geotechnical	25 Program Management & Project Controls
60 Environmental	
25 Natural Resources	

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.

Connect with us! [wsp.com/usa](https://www.wsp.com/usa)