



**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:

Horner & Shifrin, Inc.

Firm Contact Name:

Jarrett Jasper, PE - VP; Business Unit Leader, Transportation

Contact Email

Address:

jdjasper@hornershifrin.com

Firm's Mailing Address:

401 S. 18th St. Ste. 400 St. Louis, MO 63103

Work Category:

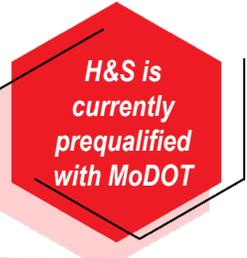
- Roadway Design
- Trails & Sidewalks
- Construction Inspection
- Traffic Engineering & TEAP
- Structures
- Environmental
- Historic Preservation
- Multimodal Planning / Systems and Facilities Design
- Transportation Planning – **NEW CATEGORY**

Ashley Buechter | Local Program Administrator
lpaoncall@modot.mo.gov

December 12, 2025

Dear Ms. Buechter and Members of the Selection Committee,

Horner & Shifrin appreciates the opportunity to present our Roadway Design qualifications for on-call professional services. We bring significant experience and a broad range of capabilities related to the roadway design category. Our firm has worked with and has supported Local Public Agencies across Missouri on a variety of project types & sizes. We understand the challenges presented on any project and recognize the need to be efficient, on schedule, within budget, and develop high quality deliverables. H&S has the resources, project managers, and technical staff to support any local agency need. **Our team is committed to a strong, collaborative partnership with MoDOT and its LPA partners and to delivering the high-quality roadway design services MoDOT has come to expect from H&S.**



**H&S is
currently
prequalified
with MoDOT**

DIVERSITY STATEMENT

Diversity in our personnel is an important aspect of Horner & Shifrin's policy and operations. We value differences in culture and life experience throughout our community, and we continue to work towards harnessing the benefits of a diverse workforce through our recruitment procedures and practices to ensure that employment at Horner & Shifrin is open to all.

GENERAL EXPERIENCE OF FIRM:

Horner & Shifrin, Inc. (H&S): H&S is a multidisciplinary professional services firm founded in 1933 in St. Louis. We offer comprehensive services across all project phases, including feasibility planning, funding application assistance, land survey, 3D scanning, environmental planning, engineering design, construction administration, and GIS mapping. H&S has extensive experience delivering federally funded LPA projects. As a 100% employee-owned firm, we are personally invested in client satisfaction, making us the right choice for any project.

Our team's focus on developing viable concepts early in the project, coordinating with MoDOT throughout, and emphasizing quality at all stages of design and plan development gives our team the confidence to deliver a successful project. We will continually monitor projected construction costs for the project, recognizing the inflationary environment that currently exists. **Quality plans help reduce potential risk for the contractor resulting in competitive bids.**

Key personnel are dedicated to each project, with availability reserved to meet proposed schedules. Cross-trained staff provide continuity and uninterrupted progress, even in the event of absences. We maintain on-call availability during critical phases, such as construction milestones or testing periods. For projects requiring flexible or accelerated schedules, H&S utilizes innovative digital collaboration tools and escalation protocols for time-sensitive matters. Ultimately, success comes from detailed planning and execution, and by leveraging this shared expertise, we can effectively coordinate efforts, streamline processes, and optimize project outcomes, leading to a successful end result that meets or exceeds client expectations.

PAST RECORD OF PERFORMANCE:

Jefferson/22nd Traffic Flow and Corridor Improvements | St. Louis Board of Public Service

Horner & Shifrin was the design lead for the Jefferson / 22nd Street Traffic Flow and Corridor Improvements project in the City of St. Louis. The project focuses on improved traffic flow from I-64 to the future National Geospatial-Intelligence Agency (NGA) West Headquarters to the north on Jefferson Avenue. The project reestablished the City grid system of streets converting excess MoDOT right of way to 4 large parcels for development in Downtown West. These parcels became the home of St. Louis' new Major League Soccer team, St. Louis CITY SC. The project included roadway, drainage, signal, and pedestrian improvements to the following nine city streets: Jefferson Avenue, 22nd Street, 21st Street, Chouteau Avenue, Scott Avenue, Clark Street, Market Street, Pine Street, and Olive Street. The project also included an extensive bicycle facility separated from dangerous vehicular traffic. The new bikeway created a new low-stress connection from Jefferson/Chouteau to Market/20th. Improvements were coordinated with MoDOT's I-64 interchange improvements as well as all the St. Louis CITY SC site improvements. This project was both an STP & CMAQ funded project through the LPA Local Roads Program.

Contact: Kevin Trapp, St. Louis Board of Public Service, St. Louis District, Assistant Chief Engineer, (314) 589-6606, trappk@stlouis-mo.gov

Hall Street - Phase 1 Construction Services | St. Louis Board of Public Service

Horner & Shifrin provided engineering design services for the reconstruction of 3,100' of Hall Street from East Grand Avenue to Adelaide Avenue in the City of St. Louis. Improvements involved the complete reconstruction of Hall Street concrete pavement, a new 5' sidewalk on the west side, a 10' shared-use path on the east side from East Grand to Prairie Ave, and a series of bio-retention ditches along the east side of Hall Street to minimize runoff and improve water quality. Traffic lanes were reconfigured to one vehicle lane in each direction and a shared traffic center turn lane. Other design elements included drainage improvements and MSD coordination, new street lighting, and landscaping throughout the bio-retention ditches. Project was partially funded by a grant through MSD's Project Clear Program with the remainder STP-funded through the LPA Local Roads Program. This project was awarded the Missouri Chapter APWA Transportation Project of the Year - 2021.

Contact: Kevin Trapp, St. Louis Board of Public Service, St. Louis District, Assistant Chief Engineer, (314) 589-6606, trappk@stlouis-mo.gov

LaBonne Parkway Improvements | City of Manchester, Missouri

Horner & Shifrin secured Surface Transportation Program funds for the reconstruction of La Bonne Parkway. H&S also provided design services for the full concrete reconstruction of approximately 6200' of La Bonne Parkway from Big Bend Rd. north to Carman Rd., along with new concrete curb and gutter and concrete driveway approaches. Sidewalk was reconstructed at 5' wide, and existing curb ramps were replaced for ADA compliance. Final construction documents included a maintenance of traffic plan, drainage, striping, specifications, and environmental clearances. STP-funded project through the LPA Local Roads Program.

Contact: Dave Pracht, City of Manchester, Missouri, Assistant Director of Public Works, (636) 227-1385, dpracht@manchestermo.gov

Bopp Road Resurfacing | City of Des Peres, Missouri

Horner & Shifrin provided Engineering Services for the resurfacing of 1.25 miles of Bopp Road in the City of Des Peres from Manchester Road to the City limits north of Doubletree Lane. The project included mill and overlay, replacement of curb, ADA compliant ramp upgrades, and a new rectangular rapid flashing beacon pedestrian crossing improvement. STP-funded project through the LPA Local Roads Program.

Contact: Steve Meyer, City of Des Peres, Missouri, Public Works Director, (314) 835-6130, smeyer@desperesmo.org

Main Street - Phase II | City of O'Fallon, Missouri

Horner & Shifrin provided engineering design services for improvements to Main Street from Pitman Street to Daniel Drive in O'Fallon, Missouri. Improvements included mill and overlay of approximately 1,200 feet of Main Street, full-depth pavement reconstruction at select locations, replacement of existing curb and gutter, installation of new sidewalk and ADA-compliant curb ramps, driveway approach reconstruction, and stormwater drainage improvements. STP-funded project through the LPA Local Roads Program.

Contact: TJ Kelley, City of O'Fallon, Missouri, Project Manager, (636) 240-2000, tjkelly@ofallonmo.gov

Old Highway N Reconstruction | City of Lake Saint Louis, Missouri

Horner & Shifrin provided engineering design services for MoDOT St. Louis District wide ADA upgrades. The project included improvements to pedestrian facilities such as sidewalks, curb ramps, signing, pavement markings, and street crossings to comply with the ADA Transition Plan. H&S collected all data needed to prepare preliminary, right-of-way, and final roadway plans, including a field inventory of existing ADA facilities, sidewalks, curb ramps and domes, crosswalks, signal equipment, and driveways. STP-funded project through the LPA Local Roads Program.

Contact: Terry Rigdon, City of Lake Saint Louis, Missouri, Public Works Director, (636) 695-4221, trigdon@lakesaintlouis.com

QUALIFICATIONS OF PERSONNEL:



Jarrett Jasper, PE | Project Principal - Horner & Shifrin

Jarrett Jasper is a civil engineer who has 29 years of experience in the management and design of transportation projects including design-build, interstate & highway design, alternate interchange concepts, conceptual studies, storm water drainage and water quality design, coordination with utilities, cost estimating, intersection design, ADA/PROWAG compliance, traffic studies, a QA/QC, and construction plan preparation.



Ramin Ashrafzadeh, PE | Project Principal - Horner & Shifrin

Ramin Ashrafzadeh is experienced in civil design related to transportation and site development. He has managed the design of numerous roadway projects and coordinated all aspects of design including roadway geometrics; sidewalks; ADA curb ramps; utility coordination; drainage analysis; bioretention and other water quality Best Management Practices; and permitting.



John Klein, PE | Senior Project Manager - Horner & Shifrin

John Klein is a Senior Project Manager with 25 years of civil engineering experience skilled in transportation engineering including, interstate and highway design, design-build projects, conceptual studies, hydraulic analysis and design, and plan preparation. He is Local Public Agency certified by MoDOT and has experience in the use of computer applications for engineering analysis and design, including MicroStation, GEOPAK, PowerGeopak, AutoCAD, Civil 3D, HEC-RAS, and HY8.



David Riechmann, PE | Senior Project Manager - Horner & Shifrin

David Riechmann has more than 19 years of experience in transportation engineering including, design-build, interstate and highway design, hydraulic analysis, storm water drainage and water quality design, coordination with utilities including MSD, and ADA/PROWAG compliance. He has overseen the design of numerous roadway projects and coordination all aspects of design. He is Local Public Agency certified by MoDOT, giving him a thorough understanding of LPA project requirements.



Jon Loos, PE | Project Manager - Horner & Shifrin

Jon Loos is a civil engineer with a specialty in transportation engineering and has led the development of major interchange concepts and designs. His experience includes project management, interstate & highway design, roundabouts, geotechnical slide repairs, conceptual studies, design-build, LPA projects, and federal funding applications. Jon is LPA certified.



Tobin Bonnell, PE, PTOE, RSP1 | Senior Principal Engineer - Horner & Shifrin

Tobin Bonnell has more than 23 years of experience in transportation planning, traffic engineering design, and project management. His work includes traffic impact studies, signal design, pedestrian/bicycle facilities, roadway and intersection design, and maintenance of traffic. He has consulted for municipal, county, state, and private clients nationwide, providing management and QA/QC for engineering tasks through all project phases.



Brady Jordan, PE | Senior Principal Engineer - Horner & Shifrin



Brady Jordan is a civil engineer with over 25 years of experience who specializes in transportation, storm sewer, and ADA design. His comprehensive experience includes interstate and highway design, hydraulic analysis and design, ADA/PROWAG compliance, plan production, environmental compliance, quality control, project specifications, cost estimating, and plan preparation. He is knowledgeable in the use of AutoCAD, Civil 3D, Hydraflow, MicroStation and Geopak.



Stephanie Bleser, PE | Senior Project Engineer - Horner & Shifrin

Stephanie Bleser is a civil engineer with over 17 years of experience who specializes in transportation engineering. Her experience includes roadway design, storm water drainage and water quality design, coordination with utilities, ADA/PROWAG compliance, conceptual studies, and plan preparation. She is proficient with Microstation, GEOPAK, and InRoads.



Tara Wilkinson, PE | Project Engineer - Horner & Shifrin

Tara Wilkinson is a civil engineer with over a decade of experience split between the public and private sector. Her experience includes various aspects of roadway design including geometric design, plan production, cost estimating, and utility coordination. Specific areas of interest and expertise include storm water analysis and design as well as signal/traffic coordination and design. Software applications she utilizes regularly include Microstation, GEOPAK, Open Roads Designer, and HEC-RAS 2D.



Bridgett Jacquot | Environmental Specialist - Horner & Shifrin

Bridgett Jacquot has 28 years of environmental, public involvement, and project management experience, including nine years as IDOT's Environmental Studies Manager. She has led NEPA documentation for major infrastructure projects, worked closely with federal and state regulatory agencies, secured numerous environmental permits, and served as Public Involvement Lead on NEPA-related transportation projects.



Mike Schuknecht, PLS | Surveying - Horner & Shifrin

Mike Schuknecht has more than 45 years of surveying experience. He is licensed in Missouri and a member of the Missouri Society of Professional Land Surveyors. Mike has provided surveying services for boundary, topographic, ALTA/NSPS land title surveys and construction layout for public and private site layouts. He is experienced with using the latest technology including Global Positioning Systems (GPS), robotic instruments and the latest office software including Autodesk Civil 3D.

FAMILIARITY & CAPABILITY:

The H&S team has the capacity to complete your project within the proposed timeline. With more than 60 full-time licensed Professional Engineers, we have the flexibility to assign experts appropriately suited to the needs of your project. **We are well-versed in MoDOT's LPA process and make sure we address constraints early, and keep development aligned with the Engineering Policy Guide (EPG) and SAFER guidance.**

Our team has been developing roadway construction plans for LPAs for decades and has delivered more than 50 federally funded LPA projects in the past decade. We have in-depth knowledge of the engineering requirements, processes, and checklists required with the various funding options. Our team's familiarity with these processes and successful delivery of past projects has remained consistent along with the longevity of our team members at H&S. This combination of experience, familiarity, and capability of our roadway design team of 42 professionals offers the ability to deliver comprehensive quality designs to your agency efficiently and quickly.

ACCESSIBILITY:

H&S is committed to consistent accessibility for our clients. Our project managers are directly available, and we prioritize timely communication to ensure prompt support for LPAs. Reserved staff availability and cross-trained team members help maintain continuity and reliable responsiveness for MoDOT and local agencies.

SUMMARY:

Our past performance on similar federal and LPA projects demonstrates that H&S is well suited to support this effort with proven experience, technical expertise, and a longstanding commitment to quality. We understand that MoDOT expects its consulting partners to go beyond simply meeting project goals, and we share that standard. We appreciate your consideration and look forward to continuing our successful partnership. If you have any questions, I can be reached at (314) 335-8677 or at rdashrafzadeh@hornershifrin.com.

Sincerely,

Ramin Ashrafzadeh, PE | Project Manager
Assoc. VP, Assistant Business Unit Leader - Transportation

Jarrett Jasper, PE | Project Principal
Senior VP, Business Unit Leader - Transportation

HORNER & SHIFRIN 202 EMPLOYEE OWNERS	
25	Building Services MEP/FP
13	Civil/Site
17	Construction Services
3	Environmental Science
24	Geomatics (GIS/Survey)
17	Structural
42	Transportation
31	Water/Wastewater/Stormwater
30	Administrative Staff

HORNER SHIFRIN

An Employee-Owned Company



Innovative Solutions & Trusted Partners for Local Public Agencies

Who We Are

Horner & Shifrin, Inc. is a multidisciplinary professional services firm founded in 1933 in St. Louis, Missouri. We offer comprehensive services across all project phases, including feasibility planning, funding application assistance, land survey, 3D scanning, environmental planning, engineering design, construction administration, and GIS mapping. Our senior-level staff ensures thorough project reviews, and our innovative designs have earned professional awards and repeat assignments from 80% of our clients. As a 100% employee-owned firm, we are personally invested in client satisfaction, making us the *right choice for any project.*



Why Choose Us

94%

Client Satisfaction

92

Years In Business

100%

Employee-Owned



Markets

- Education
- Emergency
- Government
- Healthcare
- Private
- Utilities

Services

- Airport
- Building Services
- Construction Services*
- Drinking Water
- Environmental Planning & Permitting*
- Geospatial (GIS)
- Public Involvement
- Site Development
- Structural*
- Surveying
- Roadway*
- Traffic*
- Wastewater
- Water Resources

Office Locations

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(618) 993-6411

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OUR LPA SERVICES

Horner & Shifrin, Inc. has extensive experience with Local Public Agency (LPA) federally-funded projects and has completed over 50 federally-funded LPA projects within the past 10 years. The firm has specific and relevant experience related to on-call assignments for municipalities and transportation departments throughout the St. Louis region, including on-call services for the cities of Manchester, Des Peres, Clayton, and Wentzville, along with Jefferson County and the Missouri & Arkansas Departments of Transportation.

Roadway

Horner & Shifrin uses forward-thinking design techniques and practical measures including a strong Quality Control program to decrease project costs and provide the highest quality while maintaining the integrity of roadway projects. Our engineers have provided management and design of roadway engineering projects for state and interstate highways as well as county highways and local roadways. Expertise includes project management, budget control, cost estimating, scheduling and public involvement activities, design and construction phase services. Services include ADA/PROWAG Curb Ramps & Sidewalks, Complete Streets, Highway Planning and Design, Local Road and Street Design, Traffic Calming Design, and Signal Design.

Construction Services

Horner & Shifrin provides comprehensive project monitoring, value engineering, scheduling, cost control, and construction administration. We have extensive certifications through USACE, MoDOT, IDOT, ACI, and OSHA to ensure we provide clients with continuity in construction observation practices and help achieve projects completed on time and within budget. Construction services specialists have experience in concrete bridge deck replacement, asphalt and concrete roadway construction, pavement repairs, field/laboratory materials testing, bridge paint inspection, sign inspection, full and partial depth roadway repairs, roadway signal and lighting, and structural steel inspection.

Structural

Horner & Shifrin provides a complete array of structural engineering services for both bridges and buildings. Our expertise encompasses research, planning, design, construction, inspection, and rehabilitation of permanent and temporary structures, considering technical, economic, environmental, and aesthetic aspects. Structural services include bridge design, bridge safety inspections, load ratings, retaining walls, culverts, foundations, superstructures, and value engineering.

Environmental

Horner & Shifrin provides services related to planning and permitting for projects ranging from permitting for local entities to complex environmental impact statements and assessments for clients seeking approval for infrastructure projects. We use state-of-the-art GIS technology to identify existing environmental conditions and provide solutions to address engineering, environmental, and development concerns. Services include NEPA documentation, environmental impact assessments, permitting coordination with federal and state agencies, threatened and endangered species surveys, wetland delineations, and environmental compliance.

Trails & Sidewalks

Horner & Shifrin creates transportation systems and networks that focus on the needs of people and the communities they live in. The firm creates connected communities for walking, bicycling, rolling and using public transit through thoughtful design that promotes individual choice, accessibility, and healthy lifestyles. Active transportation services include Complete Streets/Great Streets Design, Trail/Greenway/Bikeway Design, Pedestrian and Bicycle Infrastructure Design and Layout, ADA/PROWAG Design, Sidewalks and Curb Ramps, Traffic Calming Design, and Recreational and Sport Facility Design.

Traffic Engineering & TEAP

Horner & Shifrin possesses expertise that spans the range of traffic engineering needs, including traffic impact studies, signal optimizations, traffic modeling, safety studies, and road safety assessments. Our team has provided traffic engineering support to several local agencies, including local municipalities, county governments, and DOT's. Our traffic engineers are well-versed in finding solutions that strike the proper balance between improved traffic operations, the safety of the community, and other factors unique to a project location.

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CORPORATE HEADQUARTERS

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