



**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:

HDR Engineering, Inc.

Firm Contact Name:

Andrew Potthast, P.E.

Contact Email
Address:

andrew.potthast@hdrinc.com

Firm's Mailing Address:

10450 Holmes Road, Suite 600

Kansas City, MO 64131

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

Ms. Ashley Buechter, PE, Local Programs Administrator
Missouri Department of Transportation Central Office - Local Programs
105 West Capitol Avenue, PO Box 270
Jefferson City, Missouri 65102
Re: Letter of Interest | LPA On-Call Professional Services

CATEGORY: STRUCTURES

Dear Ms. Buechter and Members of the Selection Committee,

HDR Engineering, Inc. (HDR) has a proven history of providing a high level of client service and developing practical solutions to a wide range of design challenges, which is why we would like to provide on-call structural design services to Local Public Agencies (LPAs). Our employee-owners work hard to build trust and rapport; this dedication has led to HDR being regarded as a trusted advisor by many of our clients.

HDR has a “Client First” focus which is highlighted by an overall strategic project approach and is founded on three key elements:

 **Maintaining effective communication between the LPA staff and the project team.** The primary objective of the Project Manager is to communicate challenges, decision points, and practical design solutions immediately, which keeps the LPA involved in design development, uses time efficiently, and facilitates schedule milestones.

 **Applying context-sensitive and sustainable solutions to the design process to address long-term environmental, social, and economic challenges.** HDR utilizes a multi-disciplinary project team to effectively deliver projects that preserve scenic, aesthetic, historical, and environmental resources while improving safety and mobility.

 **Providing an experienced, local staff that is accessible to our clients to provide excellent service and meet your schedule.** HDR has six offices throughout Missouri, which allows our staff to be in proximity to projects across the state. This facilitates communication and allows our team to attend project meetings and to be on site quickly to address challenges.



Deer Creek Drive Extension,
St. Charles County, MO

General Experience of Firm and Past Performance

As an initial step in the LPA design process, HDR typically performs a preliminary structural analysis to determine the most cost-effective solution, whether it be replacement or rehabilitation. Our design engineers have worked on a full range of structural design projects from small retaining walls, box culverts, and single and multi-span steel, and prestressed concrete bridges to major river crossings involving complex superstructure and substructure elements. Our structural designers work closely with other disciplines to provide holistic design solutions to challenging projects. Following completion of design, we work to develop accurate cost estimates to assist LPAs in making educated decisions for their project.

HDR prides itself on the quality of our construction documents, the accuracy of our cost estimates, and meeting project schedules. HDR has successfully completed, or is currently working on, numerous LPA-sponsored projects. The following list highlights a range of relevant projects HDR has completed or is performing for LPAs across the state:

Project Name	Client
3-Trails Pedestrian Bridge & Trail	3-Trails Village CID
Jumping Bridge Trail Pedestrian Bridges	City of Riverside, MO
James Street Bridge Rehabilitation	City of Kansas City, MO
Amory Road Box Culvert	City of Smithville, MO
Second Creek Road Bridge Replacement	City of Lee’s Summit, MO
Shawnee Ford Road Bridge Replacement	Franklin County, MO
Biennial Bridge Inspections	City of Kansas City, MO
St. Joseph Bridge Replacements	City of St. Joseph, MO
Shepard of the Hills Bridge Replacement	Missouri Office of Administration
30th & Broadway Bridge Rehabilitation	Kansas City Public Works
Katy Trail Bridge Replacements	Missouri Office of Administration
30th & Broadway Bridge Rehabilitation	Kansas City Public Works
Maguire Street at US 50	City of Warrensburg, MO
Deer Creek Drive Extension	St. Charles County, MO
Maline Greenway Pedestrian Bridge	Great Rivers Greenway
FM RD 116 & 45 Bridge Replacement	Greene County, MO
Reavis Barracks Reconstruction	St. Louis County
Southwest/Columbia Bridge Replacement	St. Louis BPS
Union/Lindell Bridge Replacement	St. Louis BPS
Loughborough Bridge Reconstruction	St. Louis BPS
Lafayette Bridge Redeck & Rehabilitation	St. Louis BPS



Qualifications of Personnel

HDR has the local staff with the knowledge and capabilities to meet your structural design needs anywhere in the state. The following is list of our key structural staff:

Greg Kuntz, PE, Transportation Professional Services Lead (St. Louis) / Project Manager (PE: MO #2002016682). Greg has 28 years of experience working on bridge projects. He served as the Project Manager for the Katy Trail bridge replacements for the Missouri Office of Administration and has performed technical QC on bridge deliverables for several St. Louis BPS jobs including Southwest/Columbia and Union/Lindell.

John Marcanik, PE, St. Louis Bridge Team Lead/Project Manager (PE: MO #2017000329). John leads the bridge team in our St. Louis office and brings 13 years of experience in bridge design, inspection and project management. He is worked on numerous bridge projects for both MoDOT and local agencies including the Southwest/Columbia Bridge Replacement, the Reavis Barracks bridge replacement and is currently serving as Project Manager on the Union-Lindell Bridge Reconstruction for St. Louis Board of Public Service. John is well-versed in the LPA process through his experience delivering projects for St. Louis BPS.

Kevin Gribble, PE, Kansas City Bridge Team Lead/Project Manager (PE: MO #2017018979). Kevin has 13 years of experience in project management, bridge design and bridge inspection and currently leads the bridge team in our Kansas City office. Kevin was the project manager on the Rte 38 bridge replacement over Evening Shade Creek for MoDOT and is currently delivering complex load ratings as part of MoDOT's statewide Load Rating Update program.



Second Creek Road Bridge Replacement, City of Lee's Summit, MO

Eric Schrader, PE, Project Manager (PE: MO #2017019041). Eric is a bridge engineer and project manager in our Kansas City office with over 12 years of experience in bridge design and project management. He has had roles on various bridge projects for local agencies including acting as design engineer on the Jumping Bridge Trail pedestrian bridges as well as serving as Project Manager on the St. Joseph bridge replacements.

Ryan Shaw, PE, Project Manager (PE: MO #2017000368). Ryan is a bridge engineer and project manager in our St. Louis office with over 13 years of experience in bridge design, bridge inspection and project management. Ryan has an excellent working knowledge of MoDOT's Engineering Policy Guide having led bridge projects for MoDOT such as the Route 100 bridge replacement in St. Louis County and the I-270 Gap Reconstruction which included five bridge replacements. He also is currently serving as Bridge Lead for the Loughborough Avenue Bridge Replacement for St. Louis BPS.

Additional Bridge Team Members: Please see the following chart of additional qualified team members that are also available to provide professional services for this on-call:

Our total bridge staff in Missouri is 18 PEs, 4 EITs, and a full range of additional survey, geotechnical, hydraulics, roadway design and CADD support personnel.

Bridge Team | Years of Exp.

Bridge Team Years of Exp.	Areas of Expertise						
	Urban	Rural	River / Permitting	Railroad	Wall / Culvert	Condition Inspection	Rehabilitation
Cory Imhoff, PE 27 years	●	●	●	●	●	●	●
Chad Hall, PE 28 Years	●	●	●	●	●	●	●
Brian Zeiger, PE 42 Years	●	●	●	●	●	●	●
David Barrett, PE 25 Years	●	●	●	●	●	●	●
Amy Smith, PE 20 Years	●	●	●	●	●	●	●
Kevin Kriete, PE 32 Years	●	●	●	●	●	●	●
Jon Karst, PE, SE 25 Years	●	●	●	●	●	●	●
Matt Wombacher, PE 13 Years	●	●	●	●	●	●	●
Megan Burton, PE 10 Years	●	●	●	●	●	●	●
Andrew Foerster, PE 6 Years	●	●	●	●	●	●	●
Dan Arbogast, PE 9 Years	●	●		●	●	●	●
Sarah Wilkinson, PE 6 Years	●	●			●	●	●
Zahra Abdullah, EIT 2 Years	●	●			●		●
Grant Parker, EIT 1 Year	●	●					
Jaewon Jung, EIT 1 Year	●	●					
Abby Cooley, EIT 1 Year	●	●					



Familiarity/Capability

HDR has a sound understanding of the LPA process. The following tasks are required to implement the typical bridge project:

- **Field Surveys and Data Collection.** HDR regularly teams with local surveying and geotechnical firms to provide these services.
- **Environmental, Cultural and Historical Clearances.** The LPA process provides sound guidelines and a structured process for obtaining the required permits and necessary environmental clearances. This will allow projects to have a positive effect not only on the LPA, but also on the surrounding environment and affected property owners. HDR has internal environmental and resource management staff to assist in completing the required documentation, facilitating the online Missouri Department of Transportation (MoDOT) RER process (if needed), and communicating with the appropriate regulating agencies.
- **Design Phase.** HDR regularly manages the preparation and submittal of preliminary design, right-of-way, and final design contract plans, load ratings, and specifications. We begin by reviewing existing studies and reports pertinent to the project area to look for practical solutions which limit impacts and reduce costs. Revisions to the conceptual horizontal alignment and vertical profile will be made where appropriate. Type, Size, and Location plans are developed during the preliminary design phase to be submitted to the LPA and MoDOT for review and acceptance before beginning final design.
- **Bid and Construction Phase Services.** HDR works with the LPA in getting the contract documents to prospective bidders, addressing questions related to contract plans, and in selecting a qualified contractor. HDR has successfully followed these guidelines on numerous LPA projects. HDR also has internal staff who provide a range of Construction Inspection services to assist the LPA in tracking contractor progress, documentation, and meeting federal reimbursement requirements.



Lafayette Bridge Redeck & Rehabilitation, St. Louis BPS

Accessibility

HDR has over 375 employees in the state of Missouri with offices in Kansas City, St. Louis, Springfield, Columbia, and Forsyth, which gives us the flexibility to respond quickly. Although our Missouri transportation staff is focused primarily in Kansas City, St. Louis and Springfield, we have worked on transportation projects in all MoDOT districts and have proven our responsiveness and availability to the Missouri's Local Program numerous times over our long-shared history. Our offices also work seamlessly together through online collaboration tools including ProjectWise and Microsoft Teams to allow us to provide the staff and expertise needed. This is especially beneficial to providing you the services needed for on-call services that are typically short in duration and unexpected.

HDR Is The Right Choice. HDR values our relationship with MoDOT and appreciates the opportunity to submit our Letter of Interest for LPA structural design services. Our team members have the experience and availability to successfully perform any work assignments that are deemed necessary and appropriate for on-call services. We have proven our capabilities to bring the right expertise and resources to your projects regardless of technical, resource and schedule requirements. We look forward to the opportunity to work with all of Missouri's Local Public Agencies as an on-call partner.

Sincerely,

HDR ENGINEERING, INC.

Cory Imhoff, PE, SVP
MO/KS Area Manager

Andrew Potthast, PE, VP
Master Contract Manager

We are proud to call Missouri our home.

At HDR Engineering, Inc. (HDR), we are a part of every community where we work, especially here in Missouri. We know the local business, culture, requirements, and regulations in Missouri so we can anticipate challenges and quickly address issues to make the experience seamless for you.

Local Commitment, Regional Focus. With over 375 employees in Missouri, HDR has served the state and many local communities since 1993. Our experience and team’s knowledge will result in quick mobilization of the necessary technical resources supported by our experience and proven track record with Missouri Department of Transportation (MoDOT) staff and understanding of your processes and requirements.

Six Missouri Offices

With offices throughout the state of Missouri, our team has worked on projects in all MoDOT districts, including some of the state’s most significant and intricate infrastructure projects in recent years.

- St. Louis
- Kansas City - Holmes Rd.
- Kansas City - Main St.
- Springfield
- Forsyth
- Columbia



While HDR’s services have evolved to meet increasingly complex challenges, one thing that hasn’t changed is commitment to the values upon which HDR was founded. These values include respect, integrity, empowerment, innovation, teamwork, and responsibility. HDR’s mission is to be a superior professional firm known for vision, value, and service to our clients, our communities, and employees. Whether a project challenge is large or small, complicated or straightforward, **we have the depth of resources and expertise to help you achieve results.**

Ownership in Our Success

Your success is our success. HDR is 100% employee owned—it’s a unique part of our culture that instills passion and responsibility. All employees from our administrative assistants to the CEO can purchase stock based on 401(k) contributions. We come to work each day knowing that what we do benefits our clients as well as the value of our company.



Missouri Offices

Kansas City:

10450 Holmes Road, Suite 600
Kansas City, MO 64131 | 816.360.2700

4801 Main Street, Suite 450
Kansas City, MO 64112 | 913.329.9900

St. Louis:

1001 Highlands Plaza Drive, Suite 200
St. Louis, MO 63110 | 314.425.8300

Columbia:

3610 Buttonwood Drive, Suite 200
Columbia, MO 65201 | 573.886.8931

Springfield:

2144 East Republic Road, Suite B203
Springfield, MO 65804 | 417.351.6500

Forsyth:

187 East David, PO Box 969
Forsyth, MO 65653 | 417.546.3218

Contacts

Cory Imhoff, PE, SVP
MO/KS Area Manager
816.360.2702

Chad Hall, PE, VP
MO/KS Transportation Business Group Director
816.360.2702

Andrew Potthast, PE, VP
St. Louis Office Principal
314.425.8314

Jason Haynes, PE, PTOE
Springfield Office Principal
417.351.6517

Scott Heavin, PE, AVP
Business Development Leader
816.360.2798

2025 ENR Rankings

HDR is consistently ranked among the top engineering firms by leading industry publications, including Engineering News-Record (ENR), which has ranked HDR in the Top 50 design firms since 1967, and in 2025 ranked us at **number 6** of the Top 500 Design Firms.

- No. 5** Top 20 in Transportation
- No. 2** Top 25 in Bridges
- No. 5** Top 25 in Highways

- No. 5** Top 25 in Mass Transit & Rail
- No. 13** Top 25 in Airports
- No. 20** Top 200 Environmental Firms





Aviation

HDR has a staff of over 160 aviation professionals serving over 150 airports worldwide. Several of these airports are right here in Missouri, and HDR staff has worked with MoDOT aviation staff to build and maintain these vital economic assets.



Building Engineering Services

BES collaborates with all business groups and market sectors across HDR. We understand the performance expectations of MoDOT's building and site portfolio and we bring a proven, Missouri-based team ready to respond across all districts.



Bridges and Structures

HDR's bridge staff capabilities are well known to MoDOT. Our experience includes not only highway bridges but also historic bridges, movable bridges, major river crossings, pedestrian, and directional interchange structures.



Construction Inspection

Our skilled construction engineering and inspection staff members are available to supplement MoDOT construction staff and support delivery methods, and complete projects in accordance with approved contract documents.



Electric Vehicles & Infrastructure

HDR's experience ranges from environmental analysis and planning to permitting. Our professionals provide expertise in air quality, endangered species, cultural resources, noise and acoustics, and more.



Environmental Services

HDR's experience ranges from environmental analysis and planning to permitting. Our professionals provide expertise in air quality, endangered species and wetlands, cultural resources, noise and acoustics, and more.



Freight Rail

HDR freight rail staff have existing relationships and project experience with all Class I rail companies including BNSF, Union Pacific, CPKC, and Norfolk Southern. We offer expertise to liaise with the rail companies and with the MoDOT Rail Group.



Funding & Grant Services

Since 2009, USDOT has awarded almost \$14.5 billion in federal grants through various programs (i.e., BUILD, INFRA, CRISI, and PORT). HDR has supported more than 95 successful grant applications under these programs.



Highways & Roads

Our Missouri roadway staff is familiar with MoDOT requirements and can provide you with construction plans within the most challenging time frames. We also collaborate with other disciplines within our office when the need arises.



Right of Way Acquisition

Nationwide, we have over 200 real estate and Right of Way professionals, including our team of approved MoDOT Negotiators. Our staff is familiar with MoDOT Right of Way policies, federal laws and regulations, including the Uniform Act.



Strategic Communications

Our Strategic Communications practice brings creative strategists, public relations professionals, graphic designers, and writers together to create powerful connections between organizations and the people they serve.



Survey

We provide a full range of services including LiDAR, GIS mapping, construction progress and documentation, infrastructure surveying, project mapping and 3-D spatial monitoring.



Traffic Analysis & Engineering

HDR's traffic staff have the expertise to support multimodal operational/safety analysis, traffic design, signal timing, transportation planning at any scale (including statewide), and basic research.



Transportation Technology

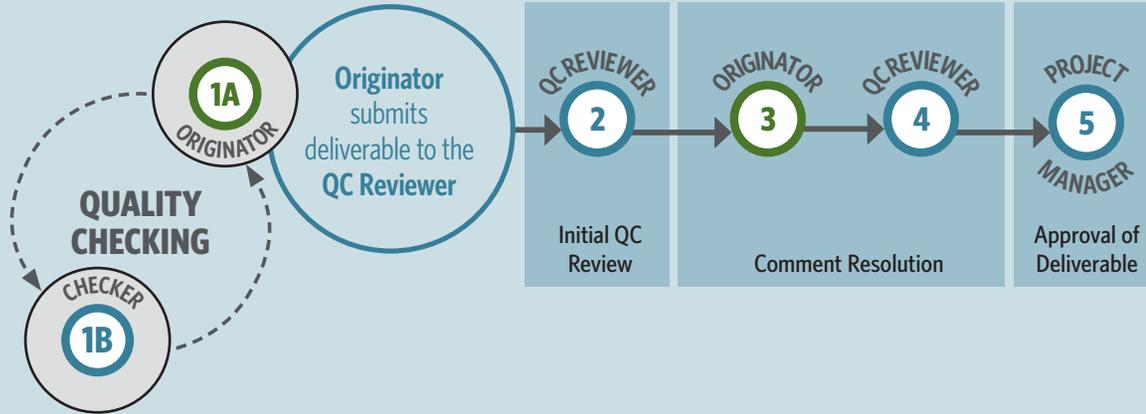
HDR staff are specialists in Intelligent Transportation System Technology and other emerging technologies. Technology options are ever-changing, and we work to stay on top of and advance new developments.



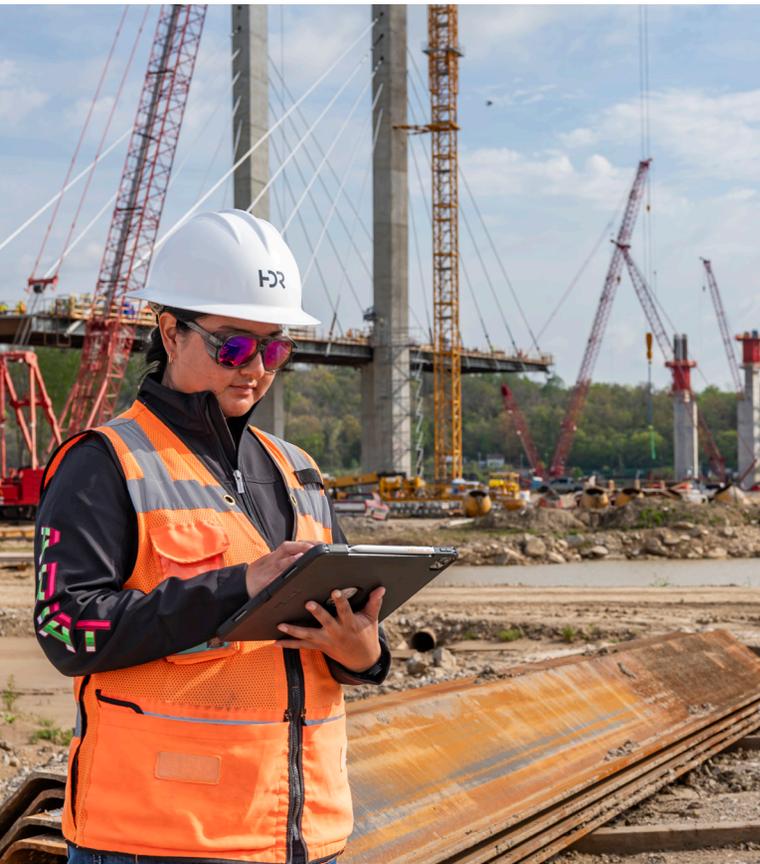
Value Engineering

Our services include Risk Assessment, Alternative Performance Analysis, Decision Analysis, and Cost Estimate Validation. Our recent MoDOT project experience ranges from large to small transportation projects.

Quality Assurance and Control



HDR requires a Quality Assurance/Quality Control plan for every project. We provide the same high-quality QA/QC approach during each phase of a project, and for each level of documentation required to complete the construction records. The project records will go through a review by a project quality manager and/or construction engineer who is familiar with the DOT procedures, prior to delivery throughout the life cycle of the project.



Safety at HDR

As an employee-owned company, nothing is more important to us than the health and safety of our employees and partners. Our goal is always that everyone goes home safe.

We support our safety culture through a comprehensive health and safety program that has received national recognition for excellence. It includes extensive mandatory safety training for all employees and is supported by a team of certified safety professionals who help project teams as they navigate the sometimes complex web of local and national health and safety regulations.

Our people-centered safety culture has enabled us to maintain one of the best safety records in the industry. Our OSHA statistics are consistently lower (0.2 vs. 0.5 for recordable incidents and 0.12 vs 0.3 for lost days) than the industry average for our NAICS code (5413-Architectural, Engineering, and Related Services).

Effective Project Management

HDR's practice is to generate a Project Management Plan (PMP) for every project. Our project management plan (PMP) is customized based on the needs of the project and is derived from proven HDR strategies. The PMP provides guidance to the internal team and subconsultants engaged throughout the life of the program, from inception through closeout. The PMP serves as a formal guide for how the PM has planned to evaluate, prioritize, document, review, approve, and implement the project components.

The PMP defines project resources and includes client contact information, project description, scope of work, deliverables, budget, administration procedures, and filing requirements. It also covers communication methods, such as file storage and sharing and documentation. The PMP



includes a project-specific Quality Management Plan and describes how the team will handle safety, which helps maintain high levels of quality and a safe work environment.

Workforce Diversity

Together, we build on each other's life experiences and perspectives to make great things possible every day.

We believe a variety of perspectives makes our company stronger. Our work environment includes employees of different generations, genders, races, nationalities, sexual orientations, abilities, religions, and ethnicities who work together to deliver one-of-a-kind services to our clients.

HDR's award-winning National Supplier Diversity Program is a corporate commitment to invest in the health and stability of our communities. The program promotes and encourages competitive subcontracting opportunities by embracing partnering relationships with the diverse socioeconomic and small business community through outreach, qualification, training, education, mentoring, and utilization.



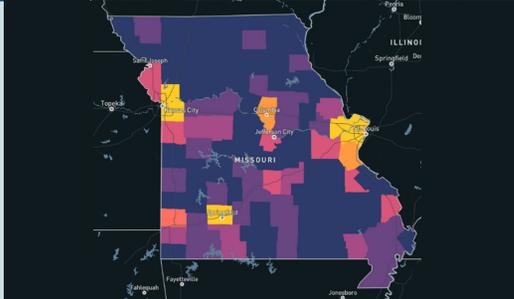
Green Hills Road Improvements | Kansas City District LPA Project

This section on the Green Hills corridor east of Lake Waukomis was expanded from a two-lane rural section to a multimodal three-lane roadway with turn lanes, 5' sidewalk, 10' shared-use path, curb and gutter, street and pedestrian lighting, and an enclosed storm sewer system with water quality treatment BMPs. This project also includes new 24" water transmission and 8" distribution water mains. Green Hills received federal funding and was approved through the MoDOT LPA process and procedures. Some of the interesting and challenging aspects of the project included the roadway and adjacent land stormwater management and design, connections to area assets including existing schools, neighborhoods, parks, and the Line Creek Trail. The improvements also included a neighborhood drainage component, as existing open flow through residential back yards were converted to an enclosed system, allowing for flatter and more enjoyable back yards for seven parcels.



Kansas City Streetcar Mainstreet Extension Traffic Signals, Signage, and Pavement Markings | City of Kansas City, MO

HDR served as the lead design firm for the KC Streetcar Main Street Extension, guiding the project from early planning through final design in less than two years from initiating the Alternatives Analysis. The 3.5-mile extension expands the streetcar line from Union Station south along Main Street, continuing past the Country Club Plaza and terminating at the UMKC campus at 51st Street. Construction was completed in October 2025. Project improvements included the replacement of traffic signals at all 19 existing signalized intersections, along with new corridor-wide signage and pavement markings. HDR brought the entire corridor into full ADA compliance by incorporating new accessible ramps, accessible pathways, and accessible pedestrian signals. To support efficient operations, HDR developed a custom pavement marking and signage plan establishing transit-only lanes in the existing outside lanes. These exclusive lanes prioritize streetcar movements, improving safety, reliability, and overall operational performance.



MoDOT Vulnerable Road Users (VRU) Safety Study | Statewide, MO

This project updated MoDOT's first vulnerable road user (VRU) safety assessment from 2023 as part of the State's 2025 Strategic Highway Safety Plan. The update provided a major overhaul of the existing plan, including new data analysis, agency consultations, strategies, and a program of projects. HDR conducted an innovative systemic risk analysis and developed area-based Safety Performance Functions using forthcoming HSM 2nd Edition methodology. A statewide systemic risk assessment was completed, and a High-Injury Network (HIN) was created. The final deliverable was a comprehensive safety plan for pedestrians and cyclists. This plan identified a program of projects and included a toolbox of strategies, countermeasures, and actions for state and local agencies. These efforts aimed to improve safety and save vulnerable road users' lives on Missouri roads.



Jumping Branch Trail and Pedestrian Bridge | City of Riverside, MO

HDR provided engineering services for the bridge layout, final design, and specifications for 2/3 mile of trail. The project included two pedestrian bridge designs, permitting work with field investigation, H&H work to determine bridge opening, and shop drawing review. The new concrete trail is 10' wide along the entire length of the trail through a previously wooded and partially cleared area located just north of City Hall in Riverside. The trail connects pedestrians on the north side of Riverside to other areas in the community. The south pedestrian bridge is a 140' long prefabricated steel truss bridge with a 10-foot-wide concrete deck. The north low-water crossing is a single-span concrete girder bridge with a wider deck surface. Both bridges are founded on driven steel piling.



Jefferson Street Reconstruction and ADA Compliance | City of Washington, MO

HDR is responsible for the rehabilitation of a one-mile section of Jefferson Street from Fifth Street to Route 100. The project involves full width cold mill and installation of a new two-inch asphalt surface along the full corridor, reconstruction of existing curbs and sidewalks, expansion of the current sidewalk network with the construction of a new segment between Wainwright Street and Route 100, and modifications to two signalized intersections. HDR worked with the City to streamline their right-of-way documentation requirements for TCE's, which helped expedite the acquisition process for 56 impacted parcels. With their local knowledge of the City and its residents, BFA also assisted in tracking and getting favorable results during the acquisition phase.