



**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.

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Firm Contact Name:

Andrew Potthast, P.E.

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Contact Email  
Address:

andrew.potthast@hdrinc.com

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Firm's Mailing Address:

10450 Holmes Road, Suite 600

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Kansas City, MO 64131

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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**



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



Route 58 Improvements, Belton, MO.

**CATEGORY: ENVIRONMENTAL**

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 challenges, which is why we are eager to provide on-call environmental services to Local Public Agencies (LPAs). Our employee-owners work hard to build trust and rapport, and this dedication has led to HDR being regarded as a trusted advisor by many of our clients.

HDR has a “Client First” focus 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, 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.

**General Experience of Firm and Past Performance**

Professional engineering support of LPAs requires an experienced firm, backed by a knowledgeable team, a dedicated project manager, available technical

resources, and the ability to deliver approved, defensible environmental documents that allow LPAs to move forward with design and construction of projects.

We have experienced the efficiency and benefit of utilizing local resources on LPA projects. This allows HDR to gain local knowledge, support the community, and develop a project team to produce a practical and cost-effective design. HDR also looks for opportunities to partner with qualified DBE firms.

By selecting HDR as an on-call consultant partner, LPAs will obtain:

- A consultant whose environmental staff consistently delivers quality, responsive environmental services and strives to operate as an extension of our client’s staff.
- Production and field staff with experience and knowledge of current regulatory requirements, the latest technical applications, and proficiency with Missouri Department of Transportation (MoDOT) and (Federal Highway Administration) FHWA environmental standards.
- A consultant that provide local, in-house services for the required services, and the ability to efficiently provide those services to any assignment statewide.

HDR is well qualified to provide LPAs with the complete range of professional environmental services necessary for successful completion of any assignment under an Environmental contract, including:

- Performing field reconnaissance to include initial field surveys and project initiation

- Preparing the environmental analysis and conducting reviews
- Coordination of public involvement
- Environmental documentation
- Permit acquisition

HDR has successfully partnered with Missouri LPAs on numerous street, bridge, trail, stormwater, and pedestrian projects. In that capacity, we have provided and/or supported the LPAs in compliance with the National Environmental Policy Act (NEPA). Our environmental staff includes many disciplines, ranging from water resources professionals to protected species experts, to noise specialists, capable of providing holistic environmental reviews for projects of all sizes.



HDR’s field experience in support of NEPA documentation includes habitat assessments. Our team works hands-on in the field when needed to deliver thorough environmental assessments.



Our environmental staff also works closely with design staff to develop project alternatives to deliver context-sensitive and sustainable solutions that benefit the environment and the community. This includes collaborating on methods to reduce impacts to both the natural and human environments through measures such as reducing wetland and stream impacts or avoiding residential and business relocations. Throughout all phases of the design, HDR takes great pride in assisting LPAs in making educated decisions in terms of the best solution to their project that balances environmental consideration.

The following is an example of several LPA projects showing specific recent relevant experience and performance.

Project	Client
Maline Greenway Conceptual Design and Final Design	Great Rivers Greenway District
Southwest/Columbia Bridges	MoDOT
Union/Lindell Improvements	St. Louis BPS
Reavis Barracks / Green Park Road	St. Louis BPS
Smithville Streetscape PH 3	City of Smithville, MO
Route 58 Improvements	City of Belton, MO
Wither & Holt Intersection Improvements	City of Liberty, MO
Green Hills Road Complete Street	City of Kansas City, MO
Jefferson Street Improvements	City of Washington, MO

### Qualifications of Personnel

HDR has knowledgeable, capable Missouri staff to meet your environmental compliance needs anywhere in the state. This includes pedestrian facilities that are included in many different

types of projects including parking lots, roundabouts, intersection improvements, community parks, pedestrian bridges, community parks, shared-use paths, and recreational nature trails. HDR's identified staff is familiar with the LPA process including funding, permitting design, right-of-way acquisition and bidding and construction services.

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**Jennifer Schwaller, CEP, MOU Project Manager (CEP: US #13040871).** Jennifer is a Senior Environmental/Transportation planner in our Kansas City office, with over 25 years of experience in project management, transportation planning, and environmental studies. Jennifer has worked on a variety of projects across the country, ranging from simple intersection improvements, to major bridge replacements, to new location roadways. She is a seasoned NEPA practitioner who has managed/authored hundreds of Categorical Exclusions, and numerous Environmental Assessments and Environmental Impact Statements. Jennifer has at her disposal a staff of environmental professionals who are proximally located in Missouri, Iowa, and Illinois to efficiently access any part of the state and who are available to service project assignments as needed.

**Ian Waters, Environmental Team Lead, MOU Project Manager.** Ian has over 10 years of experience working on natural resource tasks for MoDOT. Ian is in our Kansas City office and his area of expertise includes threatened and endangered species habitat surveys and USFWS consultations. He has been the lead natural resources specialist on several MoDOT projects including the Improve I-70 Kansas City project, the I-64 PEL, and he's currently the project manager for the groundbreaking Missouri Wildlife Vehicle Collision Study in coordination with the MoDOT

HQ environmental staff. With over 10 years of ecological surveying experience in the private and public sector, Ian is well versed in the methodologies for sampling flora, fauna, aquatics, and soils. Ian's experience with habitat surveys for MoDOT and other clients make him ideal for delivery of high quality reviews.

### Additional Environmental Staff:

- Kimberly Deutsch - Senior Environmental Planner
- Michael Bell, PWS - Senior Environmental Scientist
- Hannah Hedinger, AWS - Environmental Scientist
- Jaeden Sears - Environmental Scientist
- Dylan Sheets - Biologist
- Mukul Pal - Senior Acoustics Specialist
- Cambria Haley - Archaeologist
- Jessica Forbes - Senior Architectural Historian



HDR Environmental Scientists collaborate in the field for all reviews, including this wetland review in a wooded landscape. Detailed habitat assessments capture the ecological nuances essential for environmental planning.



**Safety is integrated into the culture of HDR.**

We implement a comprehensive health and safety program that has received national recognition for excellence. We understand that no project is the same and develop custom-fit safety plans to address each project's unique needs. HDR is committed to a safe work environment.

**Familiarity/Capability**

HDR provides LPAs with environmental professionals who are among the best at developing projects through the regulatory process from the planning stage to construction.

We have successfully navigated the NEPA process as administered by MoDOT and the FHWA. HDR has assisted MoDOT and other public sector clients in the completion of NEPA documentation for many transportation infrastructure projects. We have completed small- and large-scale projects ranging from simple Categorical Exclusions to complex EA's.

The LPA process provides sound guidelines and a structured method for obtaining the required permits and necessary environmental clearances. In this way, projects 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 and communicating with the appropriate regulating agencies, thus speeding the approval process and eliminating the possibility of time-consuming resubmittals.



**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 Environmental 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

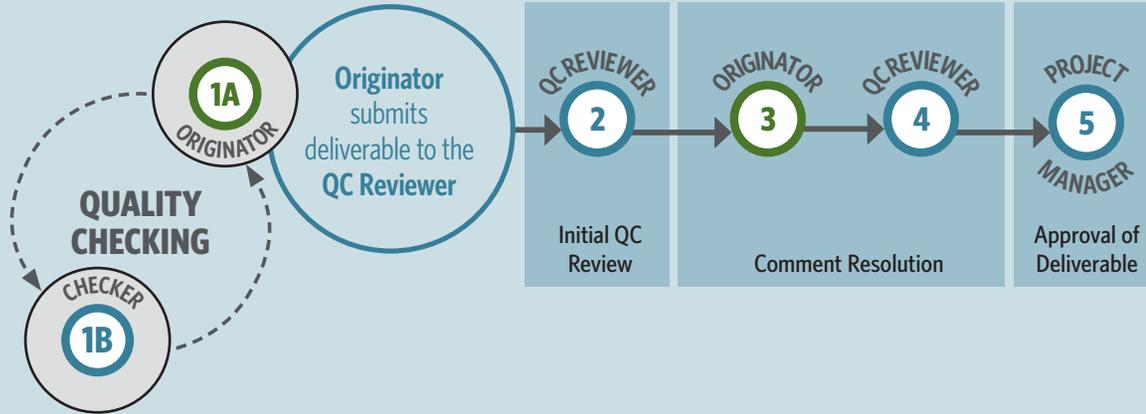
HDR staff are specialists in Intelligent Transportation System Technology and other emerging technologies. Technology options are ever-changing, and we work to stay on top of and advance new developments.



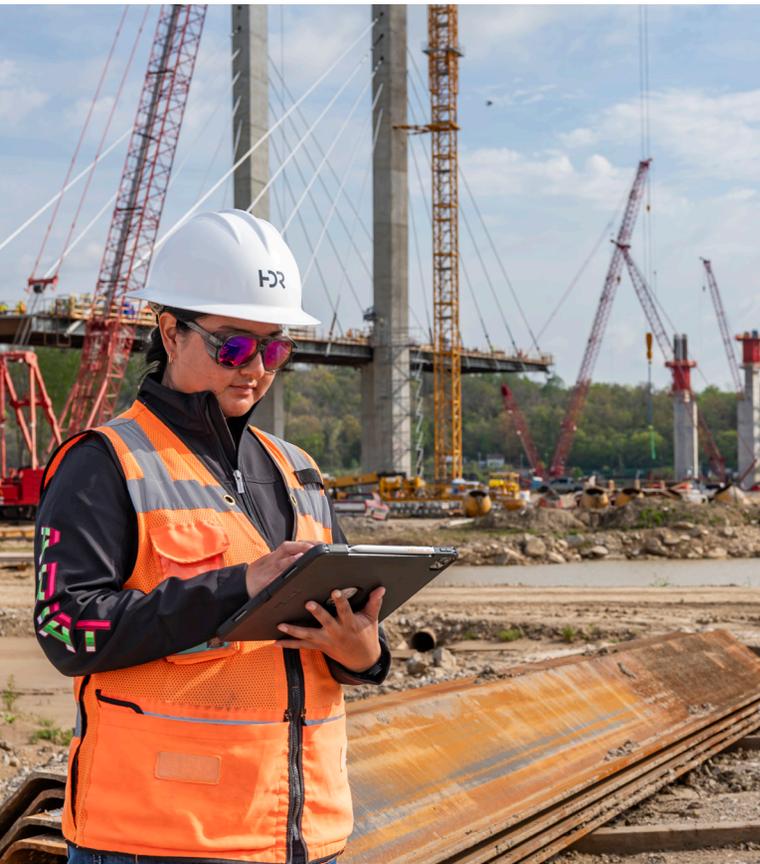
## Value Engineering

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.



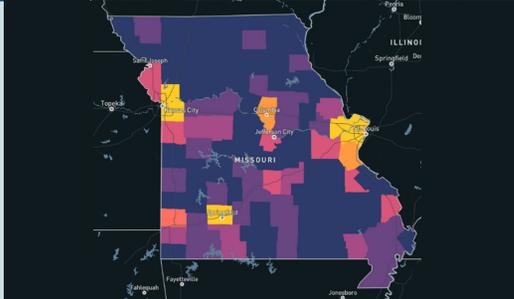
**Green Hills Road Improvements** | Kansas City District LPA Project

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.