



**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

**CATEGORY: TRANSPORTATION PLANNING**

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 transportation design challenges, which is why we are eager to provide on-call transportation planning 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 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 solutions immediately, which keeps the LPA involved in project development, uses time efficiently, and facilitates schedule milestones.

 **Applying context-sensitive and sustainable solutions to the planning process to address long-term environmental, social, and economic challenges.** HDR utilizes a multi-disciplinary project team to effectively deliver planning outcomes that consider 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 project schedules.** 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.



City of Columbia | Crosswalk near the University of Missouri, Columbia, MO

**General Experience of Firm and Past Performance**

Assisting LPAs requires an experienced firm, backed by a knowledgeable team, a dedicated project manager, extensive available technical resources, and the ability to deliver transportation planning documents that allow LPAs to move forward to achieve their goals.

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 planning staff consistently delivers quality, responsive transportation planning 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 FHWA standards.
- A consultant that can and will provide local, in-house services for virtually all of 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 planning services necessary for successful completion of any assignment under a contract, including:

- Research, analysis, and assessment
- Outreach and engagement
- Planning and policy document development

**The following are examples of several LPA projects showing specific recent relevant experience and performance.**

**City of Liberty, Transportation Master Plan (TMP) and Comprehensive Safety Action Plan (CSAP), Liberty, MO.** HDR developed an all-new plan for the City, examining existing conditions, developing future projected travel demand forecasts, developing a major street map, creating a suite of multimodal typical sections, developing a short- and long-term Capital Improvement Program, and creating the City's first traffic impact study guidelines. HDR also led the stakeholder and public outreach and engagement for the project. In a parallel effort partially funded by federal safety funds, HDR developed a CSAP for the City. Elements of the plan included development of a vision statement and goals; detailed analysis of crash patterns and trends throughout the city; identification of the top 10 streets with the highest number of crashes; identification of a higher-risk network; development of a series of recommendations including countermeasures, programs, and policies; creation of a three-tiered set of prioritized projects; and crystallization of the plan into a series of action steps. Like the TMP, the CSAP included a robust stakeholder and public involvement component.

**City of Columbia, CoMo to Zero Action Plan, Columbia, MO.**

The CoMo to Zero Action Plan (CZAP) is Columbia's updated Vision Zero plan to eliminate traffic deaths and serious injuries. Building on the City's 2016 Vision Zero Resolution and nearly a decade of safety work, the plan uses a data-driven, community-centered process to identify where crashes occur, what community priorities exist, and what strategies and actions should be developed to prevent future crashes. The plan is shaped by a comprehensive safety analysis, including the development of Columbia's Higher Injury Network and Higher Risk Network, which together highlight the corridors where safety investments will have the greatest impact. The CZAP also includes extensive engagement activities focused on meeting people where they are at pop-up events throughout the community and online. HDR is giving the City a clear roadmap for implementation over the next 20 years and for pursuing SS4A funding to advance Vision Zero.

**Village of Claycomo, Claycomo Connections, Claycomo, MO.**

HDR assisted the Village, under a grant from the Missouri Department of Economic Development, with evaluating short- and long-term transportation needs in and around the village. A major component of the study was the potential for a new north-south road east of Claycomo, connecting South Liberty Parkway and MO Highway 210 (over 3 miles of new roadway). This road would serve not only general north-south traffic, but also the Ford Claycomo Assembly Plant, one of the largest and busiest automobile manufacturing plants in the nation. HDR examined alternative alignments, including their impact on the complicated floodplain created by the confluence of two major creeks. Connections to a nearby rail yard, as well as Subtropolis—the world's largest underground business complex—are vital to serve the major economic generator represented by Ford and ancillary local businesses. The complexity of the road is amplified because it would pass through three jurisdictions (Claycomo, Liberty, and Kansas City). HDR prepared cost estimates for both the new road and the upgraded US-69, and also made recommendations regarding future needs at other impacted intersections/roadways in the study area. HDR also developed a funding strategy involving value-capture, other local funding sources, grant opportunities, and more.

**City of Archie, Comprehensive Safety Action Plan, Archie, MO.**

The 2025 Safety Action Plan provides a clear, data-driven roadmap to reduce crashes and improve safety for people walking, biking, and driving. Developed under the U.S. Department of Transportation's Safe Streets and Roads for All SS4A framework, the plan used crash data, policy review, and public input to identify where improvements are needed. Community feedback, including concerns about speeding, lack of sidewalks, and school-area safety, directly shaped the project list and recommended policies. A key component of the plan was the Road Safety Audit and demonstration project. During the audit, the project team and Safety Advisory Committee walked the corridor, documented safety issues, compared observations with crash data, and developed recommendations, including signage upgrades, lighting improvements, and targeted speed management strategies. An environmental review was also completed to support future implementation. This is currently being used to implement an SS4A-funded demonstration quick-build project for the city.

**Taney County, Transportation Project Prioritization, Taney County, MO.**

HDR has been assisting Taney County with transportation project prioritization continuously since 2011. Initially, HDR developed a detailed transportation priority matrix that evaluated and ranked 47 potential projects throughout the county. The projects ranged from small intersection improvements to major roadway safety and capacity enhancements. The matrix ranked projects based on MoDOT-defined categories including: access to opportunity, economic competitiveness, quality of communities, environmental protection, safety, and taking care of the system. These categories and others were subdivided into approximately 30 detailed evaluation measures. The 30 factors included items such as traffic volume, crash data/safety measures, functional classification, multimodal considerations, community benefits, current state of repair, and system preservation. For each of the factors, HDR gathered available detailed data, assessed the data, and developed a score. The scores were weighted in a manner consistent with the state scoring and weighting process. The outcome was therefore a prioritized list of projects, showing which projects would likely score best in a state department of transportation evaluation. The prioritization matrix resulted in

an automated priority list. The information was presented to the Taney County Transportation Advisory Committee to discuss the potential funding of projects with both MoDOT and the committee. HDR has continued to update the matrix every year.

**City of Jefferson City, CAMPO Transportation Model Development, Jefferson City, MO.**

HDR developed an all-new TransCAD-based travel demand model for CAMPO, involving calibration of a 2010 base-year model scenario, and two long-term forecast scenarios: 2020 and 2035. HDR worked with CAMPO staff and its technical committee to integrate long-term land-use and transportation plans into base assumptions as the model was built. Based on census data, HDR developed a model-wide relationship between household size and auto ownership, to allow a TAZ-by-TAZ cross-classification between those two variables and trip generation. For employment, HDR collapsed the standard North American Industry Classification categories, from the U.S. Census Bureau's Longitudinal Employer-Household Dynamics database, into nine land-use categories suitable for the level of detail needed for the model. The model was calibrated for daily conditions, as well as the a.m. and p.m. peak hours. HDR also extracted forecasts for a set of key intersections. The model was used to develop a set of initial recommendations regarding future transportation improvements. This project included a high degree of coordination, collaboration, and cooperation with a very engaged MPO staff. HDR updated the model 5 years later as part of a scenario planning exercise.

**Qualifications of Personnel**

HDR has a local and national team with the knowledge and experience in transportation planning services needed for this on-call contract. The following is a brief description of the transportation planning leads.

**Christopher Kinzel, PE, MOU Project Manager (PE: MO #2005010801).** Christopher Kinzel is the Mobility and Funding Group Leader for HDR's Missouri-Kansas operations with 34 years of experience. His experience includes local/regional/statewide multimodal transportation planning, policy / guidance document development, corridor studies, basic transportation research, transportation master planning, rail grade-crossing



safety planning, travel demand forecasting, peer city analysis, grant-writing, siting studies, historical and predictive safety analysis, software/tool development, traffic impact studies, and information presentation

**Jay Aber, PE, PTOE, MOU Project Manager, (PE: MO #2013035722, PTOE: US #3627).** With 20 years of experience, Jay is a nationally recognized Vision Zero expert, having led and assisted with dozens of Vision Zero Action Plans and related plans across the country. This work includes efforts with state DOTs and large and small MPOs, cities, and counties. Jay has also been involved with multimodal corridor studies covering more than 80 miles of roadways, comprehensive planning efforts, and conceptual and final design for complete street construction projects. In addition to project work, Jay serves on the KDOT Drive to Zero Coalition as the chair of the Data Support Team. Jay also serves on the Kansas City Vision Zero Task Force.

**Sara Clark, PE, MOU Project Manager, (PE: KS, TX).** Sara brings over 20 years of experience leading multi-discipline freight and passenger rail infrastructure projects. She is the HDR MO/KS Freight and Transit Planning Lead specializing in feasibility studies, corridor studies, alternatives analyses, federal partnerships, and grant monitoring, compliance, and administration. She has worked with federal, state, and local clients across the nation to deliver strategic program recommendations, streamline project delivery, and verify compliance with regulatory requirements. Her project management expertise enables her to deliver projects within budget and accelerated schedules to meet client expectations.

**Molly Nick, Technical Lead.** Molly Nick is a senior transportation/environmental planner in HDR's Kansas City office. In her 24-year tenure she has worked on numerous planning studies in Missouri and across the country, including transportation master plans, major street plans, freight studies, truck parking studies, electric vehicle siting studies, multimodal studies, and safety studies. She has authored or co-authored a number of documents including access justification reports, traffic impact studies, conceptual study reports, traffic safety and operations reports, discovery phase reports, and grant applications.

**Jennifer Schwaller, CEP, MOU Project Manager, (CEP #13040871).** Jennifer's experience spans all types of transportation planning. She performs feasibility studies, corridor studies, alternatives analyses, community impact assessments, socio-economic assessments, and environmental documents. She has worked with federal, state, and local clients across the U.S. and fosters excellent client relationships as a result of her hands-on approach, frequent communication, and creative troubleshooting. She is also adept at addressing the interests and concerns of stakeholders. Jennifer is also a seasoned National Environmental Policy Act (NEPA) practitioner who has managed and/or authored hundreds of NEPA documents, including over 80 Categorical Exclusions, and numerous Environmental Assessments and Environmental Impact Statements.

**Cory Imhoff, PE, Senior Advisor (PE: MO #2002016669).** Cory is a leader at HDR in managing complex transportation projects throughout the entire project life cycle, often serving as Project Principal. With a thorough understanding of the complexities that arise during projects, he has a proven ability to mitigate, motivate, and execute timely solutions. He consistently develops, manages, and maintains strong, positive partnerships with multi-disciplined groups — both internally and externally.

#### Additional Transportation Planning Team Members | Years of Experience

Jason Carbee, AICP   29 years
Jason Longsdorf, AICP   28 years
Irfan Ahmed, PE, PhD, RSP1   4 years
Iain Blair   2 years
Ian Waters   4 years
Kevin Keller, PG, CGP   43 years
Jessica Hochlan   26 years
Jason Haynes, PE, PTOE   24 yrs
Kate Hamel   13 years

### Familiarity/Capability

HDR has partnered with Missouri LPAs on many projects over the last several decades. We have a history of delivering quality work on time and within the project budget, and our consultant ratings are always near the top of the scoring criteria. HDR's transportation planning staff have delivered planning studies—and thought leadership—for LPAs, giving us familiarity with policies as well as local, state, and federal requirements.

### 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 transportation planning 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.**

Christopher Kinzel, PE  
Project 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

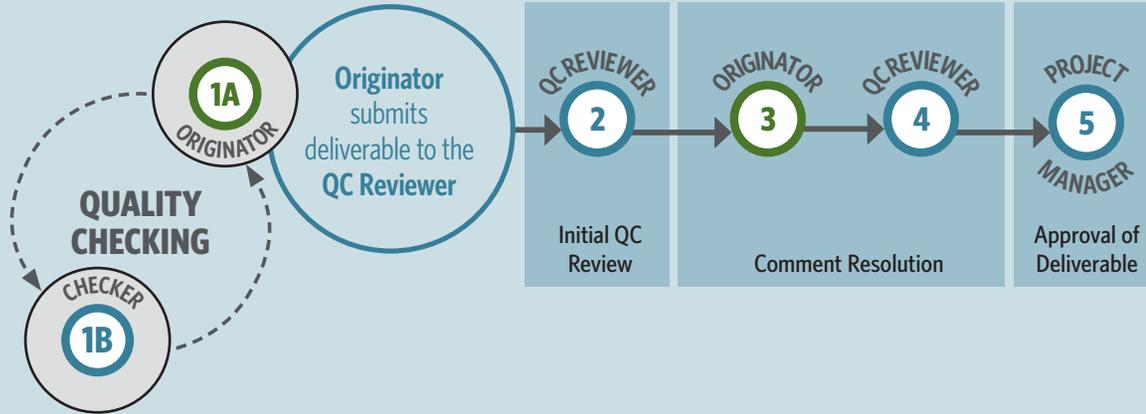
HDR staff are specialists in Intelligent Transportation System Technology and other emerging technologies. Technology options are ever-changing, and we work to stay on top of and advance new developments.



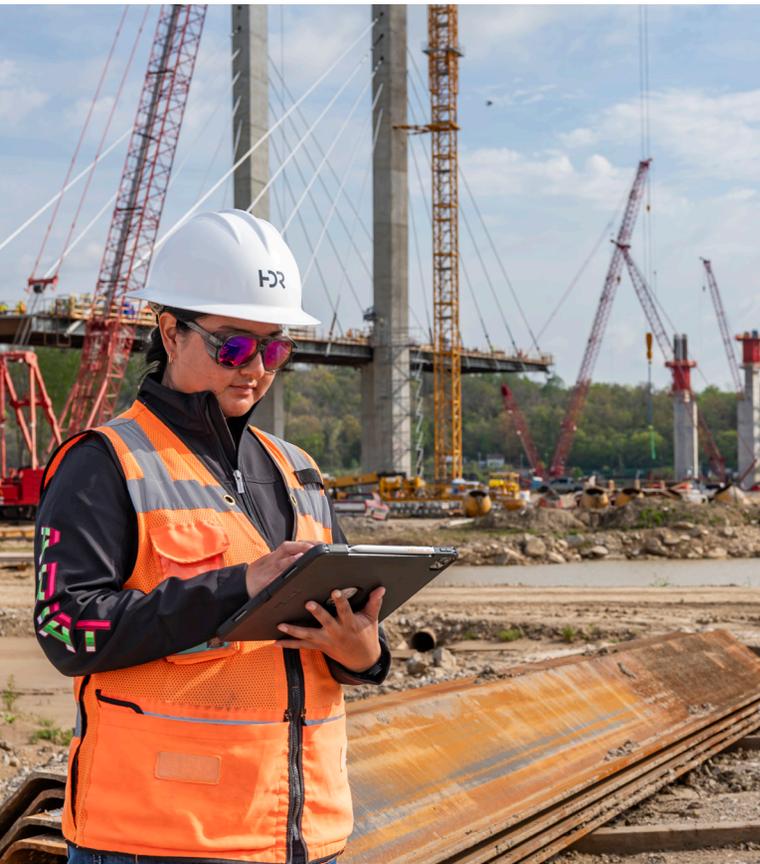
## Value Engineering

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.



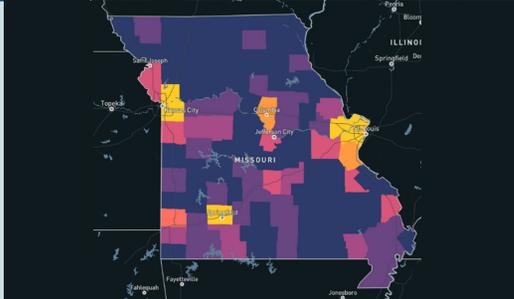
### Green Hills Road Improvements | Kansas City District LPA Project

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.