



**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:

Hg Consult, Inc.

Firm Contact Name:

Nathan Hladky, PE, PTOE, ENV SP

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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**

LPA On-Call Professional Services - Trails & Sidewalks

Missouri Department of Transportation (MoDOT) Local Program

December 12, 2025

Point of Contact: Nathan Hladky, PE, PTOE, ENV SP

Contract Manager | Hg Consult Inc.

nhladky@hgcons.com | 785.554.1884

7733 N. Wallace Ave | Kansas City, MO 64158

Hg has enjoyed a successful partnership with MoDOT Local Agencies since our firm was founded in 2010. We are currently an approved consultant and on the official prequalification list. Thank you for the opportunity to submit on this project.



**Hg
Consult
Inc**

Dear Selection Committee Members:

To successfully plan, design, and deliver trails and sidewalk projects, the consultant team must consider all users and deliver practical, context-sensitive solutions that prioritize safety and accessibility for Missouri communities. Hg Consult, Inc. (Hg) has a proven history delivering pedestrian, ADA, and multimodal improvements for MoDOT and local municipalities, and our team is prepared to bring that same responsiveness and quality to this on-call contract.

Much of the work anticipated under this contract will occur within community corridors where sidewalks, shared-use paths, crossings, lighting, ADA requirements, utilities, and right of way constraints must be carefully coordinated. Hg brings direct experience delivering projects such as Mt. Vernon & Miller Sidewalks, the South Creek Greenway segments in Springfield, and the KC District ADA Improvements. These assignments demonstrate our ability to enhance pedestrian mobility, improve accessibility, and integrate safety, drainage, and operational elements into facilities that function reliably over time.

Key Hg strengths include:

Focused on safety and accessibility. Hg has completed numerous ADA and pedestrian improvement projects, applying federal and state accessibility guidelines to create compliant sidewalks, crossings, and shared-use paths. Our team addresses sight distance, crossing placement, curvature, grades, drainage, and lighting to reduce conflict points and support safe, intuitive travel for people walking, biking, and using mobility devices.

Strong understanding of state and federal requirements. Trail and sidewalk projects under the LPA program require precise documentation, ADA compliance, and awareness of federal funding expectations. Hg's staff navigates these processes efficiently, preparing required materials and coordinating with partners to minimize delays. We apply ADA and LPA requirements to deliver accessible, context-sensitive pedestrian and trail facilities that support MoDOT's safety and community-focused goals.

Proven municipal coordination. Hg's long-standing relationships with Missouri cities and MoDOT districts ensure effective collaboration on issues such as right of way, utilities, drainage, lighting, and landscaping. We work closely with local staff, residents, and utility providers to build alignment

around scope, constraints, and constructability, resulting in trail and sidewalk improvements that fit the community context and perform well over time.

Hg stands ready to provide a responsive, experienced team committed to delivering accurate, timely, and fully coordinated pedestrian and trail design solutions across Missouri.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'Nathan Hladky'.

Nathan Hladky, PE, PTOE, ENV SP

Associate Vice President and Project Manager
Hg Consult, Inc.

FAMILIARITY AND CAPABILITY

The Hg Team has strong familiarity with MoDOT's processes for delivering pedestrian, trail, and sidewalk improvements. Our staff regularly applies ADA standards, LPA requirements, and district coordination practices to advance projects efficiently and in full compliance with state and federal expectations.

We understand the accessibility, utility, drainage, lighting, and right of way considerations essential to successful trail and sidewalk design. Our experience with MoDOT and municipal pedestrian projects demonstrates our ability to create safe, practical, and context-sensitive facilities that meet community needs and agency priorities.

AVAILABILITY AND ACCESSIBILITY

With over 60 percent of Hg staff located in Missouri, our team is readily accessible and available whenever needed. The key staff assigned to this contract are committed to providing prompt, attentive responses and will seamlessly collaborate on any task order. Our team has a strong history of working together on similar projects, supported by established communication and QA/QC processes that ensure efficient coordination and high-quality work.

Staff are strategically located across the state for field and site visits and coordination with local and state agencies. Additional resources can be mobilized quickly as needed, ensuring timely delivery and dependable service.

Qualifications of Personnel



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Nathan Hladky, PE, PTOE, ENV SP - Contract Manager

Yrs of Experience: 20

Nathan is a transportation engineer with extensive experience delivering pedestrian, trail, and multimodal corridor improvements for state and local agencies. His background spans roadway design, traffic operations, and safety analysis, with a strong emphasis on creating safe, accessible, and connected environments for people walking and biking. He integrates ADA requirements, geometric design, operational analysis, and multimodal considerations into coordinated trail and sidewalk solutions that enhance mobility and reduce conflicts. Nathan evaluates crossings, pedestrian routes, and access needs; reviews lighting, drainage, and utility constraints; and incorporates context-sensitive design elements to support community goals. He applies data-driven analysis and practical design judgment to guide projects from early concept through final design, ensuring improvements are functional, constructible, and responsive to user needs.

Eric Reinkemeyer, PE, PTOE - Task Manager

Yrs of Experience: 23. Eric is a transportation engineer with experience improving pedestrian routes, crossings, and access points along urban and suburban corridors. He evaluates sight distance, approach speeds, signal needs, and ADA ramp placement to support safe, compliant trail and sidewalk facilities. His work includes developing signing, marking, lighting, and traffic control plans and coordinating drainage and utility adjustments. Eric brings practical problem solving to deliver pedestrian improvements that work reliably in the field.

Angela Nelson, PE - Task Manager

Yrs of Experience: 11. Angela is a roadway engineer with experience supporting pedestrian, trail, and sidewalk improvement projects for local and state agencies. Her background includes evaluating corridor operations, assessing ADA needs, developing intersection and crossing enhancements, and coordinating design elements such as traffic control, lighting, and multimodal connectivity. She applies data-driven analysis to improve safety and accessibility, ensuring trail and sidewalk projects are practical, well-coordinated, and compliant with state and local standards.

Andrya "Andy" Haase, EIT - Task Manager

Yrs of Experience: 10. Andy specializes in utility coordination for municipal and transportation projects, supporting trail and sidewalk improvements by identifying conflicts, verifying field conditions, and coordinating with utility providers. She reviews plans, manages permits, and integrates necessary adjustments into design packages to ensure pedestrian and trail projects proceed smoothly with clear utility paths and constructible, well-coordinated relocation strategies.

Patrick Rhoads, EI - Project Engineer

Yrs of Experience: 9.5. Patrick is a civil engineer and construction inspector with experience supporting pedestrian, trail, and neighborhood infrastructure projects. He applies GIS analysis, field verification, and plan review to identify constraints and support clear, coordinated design. His work includes assessing drainage, utilities, and grading needs; documenting site conditions; and assisting agencies with constructability and compliance. Patrick brings practical field insight that strengthens trail and sidewalk planning and design.

Mark Reasoner - Project Engineer

Yrs of Experience: 21. Mark is a civil and landscape designer with extensive experience preparing plan layouts, corridor concepts, and detailed construction drawings for pedestrian, trail, and streetscape improvements. He develops grading, drainage, and utility adjustments; coordinates with project engineers to refine sidewalk and trail alignments; and produces signing, striping, and plan-sheet templates. Mark's background in landscape architecture supports context-sensitive design solutions that enhance accessibility, user comfort, and long-term community value.

Debbie Page, PE - Project Engineer

Yrs of Experience: 24. Debbie is a roadway design engineer with experience developing preliminary and final geometrics that support safe, accessible trail and sidewalk projects. She evaluates design constraints, reviews drainage and grading needs, and prepares clear plan sets that integrate pedestrian routes, crossings, and ADA requirements. Debbie applies practical design judgment to deliver coordinated, constructible solutions for community-focused improvements.

Past Performance & Project Experience



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Mt. Vernon & Miller Sidewalks, Springfield, MO (City of Springfield). Hg provided engineering services for the City of Springfield to fill gaps in the existing sidewalk network. The Mount Vernon Sidewalks project added 0.5 miles of new sidewalk, with curb, gutter, and enclosed storm sewer in select areas to minimize impacts on adjacent stakeholders. This improvement enhanced connectivity to Willard Intermediate School and Trinity Pentecostal Church. This project was funded through the Carbon Reduction Program (CRP) under MoDOT's LPA Program. Design was completed on schedule; construction is underway. **Key staff:** *Nathan Hladky | Eric Reinkemeyer | Andy Haase*



Kansas City District ADA Improvements, Kansas City, MO (MoDOT). This project delivers ADA improvements across multiple routes in Clay and Platte counties, strengthening pedestrian safety and accessibility throughout the Kansas City metro area. Upgrades include ADA-compliant curb ramps, sidewalk transitions, detectable warning surfaces, and pedestrian signal enhancements at 19 locations. Hg supported the KC District ADA Improvement Program, part of MoDOT's statewide ADA Transition Plan, by providing planning, analysis, design, utility coordination, materials testing, and construction inspection services. The team evaluated dimensions, slopes, and condition ratings to ensure compliance with agency standards. Additional support included preconstruction coordination, quality control reporting, digital documentation, and workflow training to help streamline delivery and maintain consistency across the district's ADA improvement efforts. **Key staff:** *Nathan Hladky | Eric Reinkemeyer | Angela Nelson*

South Creek Greenway Trail, Fremont to Glenstone, MO (City of Springfield).

Hg provided engineering services under MoDOT's LPA Program to extend the South Creek Greenway Trail and close key gaps in Springfield's multimodal network. The project added a 10-foot-wide multi-use path along Sunset Street from Fremont Avenue to Glenstone Avenue, improving connections between Meador Park and Battlefield Mall. Work included ADA-compliant facilities, curb ramps, and signal modifications for trail crossings, as well as conduit for fiber-optic interconnect to support the City's ITS system. **Key staff:** *Nathan Hladky | Eric Reinkemeyer | Angela Nelson | Andy Haase*

South Creek Greenway Trail, Extension Across Glenstone Ave., City of Springfield, MO (City of Springfield).

Hg provided engineering services through the MoDOT LPA On-Call program to extend the South Creek Greenway Trail across Glenstone Avenue (Business US-65) to provide connectivity to Battlefield Mall, adjacent retail development and residential housing. The project added a combination of 10-foot-wide multi-use path along Sunset Street and Glenstone Avenue. Work included ADA-compliant facilities, curb ramps, traffic signal modification to provide pedestrian signalization, and addition of a bus stop pad for transit users. **Key staff:** *Nathan Hladky | Eric Reinkemeyer | Angela Nelson | Andy Haase*

E. 107th Street Sidewalk Improvements, Kansas City, MO (KCMO). Hg served as prime consultant for conceptual studies and final design of roadway, sidewalk, and drainage improvements along E. 107th Street. Formerly an unimproved two-lane roadway with open ditches, the corridor was upgraded with one mile of new sidewalk, improved drainage, and traffic-calming features to support students walking to a nearby elementary school and residents accessing the Clark-Ketterman Athletic Field. Hg delivered the project on schedule and within budget while improving neighborhood safety and pedestrian connectivity. **Key staff:** *Eric Reinkemeyer*

Routes 163, 763 & PP ADA Improvements, Boone County, MO (MoDOT).

This project improved pedestrian accessibility along Routes 163, 763, and PP in Columbia and Boone County by upgrading sidewalks, curb ramps, and related facilities to current ADA standards. The work addressed deficiencies, closed gaps in the pedestrian network, and enhanced safety and connectivity along key state routes. Hg served as prime consultant, preparing preliminary, right-of-way, and final construction plans for pedestrian and signal improvements and coordinating closely with MoDOT's Central District to integrate ADA requirements in constrained urban corridors. **Key staff:** *Angela Nelson | Eric Reinkemeyer*



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for Communities

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Building a Legacy of Growth & Innovation

OUR VISION HONORS:

People

At Hg Consult, people come first. We empower all to be their very best in an inclusive, flexible space to achieve their personal and professional goals.

Partners

We focus on what's most important: relationships and value through quality services.

Places

We support, engage, and provide solutions that benefit our communities.

Our Services

Our commitment to customized service ensures that each project receives the attention it deserves – from concept through execution – fostering successful outcomes that benefit our clients and the communities they serve. By integrating cutting-edge technology and sustainable practices, we help clients achieve their goals efficiently and responsibly.



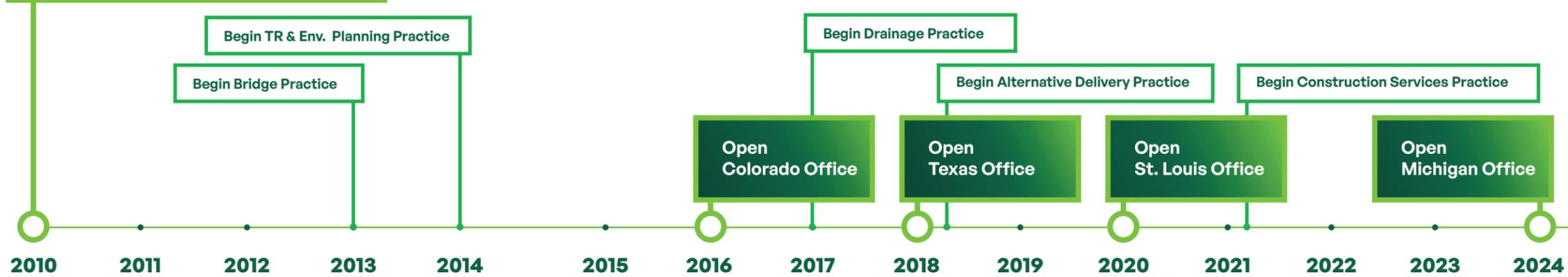
KDOT, 69 Express Design Build

Roadway & Traffic Design

Originally founded as a roadway design firm, HG Consult brings deep expertise in municipal and state highway projects. We provide tailored, scalable solutions that prioritize safety, efficiency, and long-term performance.

- + Intersection and interchange design
- + Roadway and pavement design
- + Traffic safety & operations
- + Traffic signal optimization and design
- + Maintenance of traffic plans
- + Signing and striping design

Hg Consult Created in Kansas City



Transportation Planning & Environmental

We combine strategic planning with environmental insight to help clients make informed, sustainable decisions. Our team delivers practical, compliance-ready strategies that support community growth and infrastructure resilience.

- + Planning & Environmental Linkage (PEL) Studies
- + Environmental Impact Statements (EIS) & Assessments (EA)
- + Categorical Exclusions (CE) and permitting
- + Phase I/II environmental site assessments
- + Highway corridor studies
- + Statewide master plans
- + Freight & multimodal plans



2024 ACEC-MO Grand Award Winner

MoDOT, I-70 SIU 4



MoDOT, Buck O'Neil Design Build

Bridges & Structures

From complex river crossings to pedestrian walkways, we design safe, innovative, and durable structures that meet the specific challenges of each project.

- + Complex, long-span river crossings
- + Horizontally curved plate girder bridges
- + Reinforced concrete haunched slab bridges
- + Prestressed and welded plate girder bridges
- + Railroad structures
- + Pedestrian bridges
- + Cast-in-place, drilled shaft, and MSE retaining walls
- + Bridge rehabilitation
- + Bridge inspections

Water Services

We offer comprehensive water infrastructure solutions—including stormwater management, hydrology, flood control, and utility coordination—designed to improve system performance and sustainability.

- + Stormwater management
- + Hydraulics and hydrology
- + Overflow control and combined sewer improvements
- + Erosion control
- + Water distribution systems
- + Floodplain management
- + Waterline design
- + Utility coordination and permitting



Unified Government of Wyandotte Ditching Program Discovery & Establishment



City Kansas City Missouri Parks and Recreation Department, Red Bridge Road Complete Streets Holmes to Wornall

Construction Services

Our experienced CEI team provides end-to-end construction support, including management, inspection, materials testing, and documentation, ensuring smooth execution from start to finish.

- + Construction management
- + Materials testing
- + Pavement resurfacing
- + Contract administration
- + Resident engineer/on-site project management
- + Construction observation
- + Nuclear density gauge
- + Video documentation (drone imagery)
- + Google apps (for document control and management)



CDOT, CO 7 Corridor Program Management, Design, and Environmental Services

Transit & Multimodal

We help shape vibrant communities through forward-thinking multimodal design. Our work supports safe, accessible, and efficient transit systems that promote connectivity and active lifestyles.

- + Comprehensive transit planning and design
- + Multimodal corridor studies
- + Pedestrian and bicycle infrastructure design
- + Transit-oriented development (TOD) planning
- + Station design and accessibility improvements
- + Integration of emerging mobility solutions (e.g., microtransit, shared mobility)
- + Data-driven ridership analysis and forecasting

Alternative Delivery & Program Management

HG Consult supports early collaboration through proven alternative delivery methods. By integrating design and construction, we streamline timelines, manage risks, and enhance project outcomes.

- + Program and project management
- + Risk management
- + Contract and specification development
- + Procurement administration and development (which includes developing procedures and training)
- + Financial feasibility
- + Engineering oversight
- + Construction management & support
- + Owner's engineer



TxDOT, Alternative Delivery Division Program Management

Private Development

HG Consult partners with developers to deliver integrated site solutions across a range of project types. Our designs align seamlessly with your vision, from initial layout to final permitting.

- + Preliminary and final site layouts
- + Grading plans
- + Storm drainage systems
- + Utility design
- + Landscape design
- + Traffic impact studies
- + Parking lot design
- + Structural design
- + Environmental permitting



423 E. Young Street LLC, Residences at Bryson Lake