



**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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Kansas City, MO 64158

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 - Roadway Design

Missouri Department of Transportation (MoDOT) Local Program

December 12, 2025



**Hg
Consult
Inc**

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

Contract Manager | Hg Consult Inc.

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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.

Dear Selection Committee Members:

A successful on-call roadway consultant must be technically capable, highly responsive, and able to deliver coordinated, constructible solutions that meet the expectations of MoDOT's LPA program. Hg Consult, Inc. (Hg) has a long record of delivering safe, sustainable corridor infrastructure projects for communities across Missouri, and our team is prepared to continue that commitment for the 2026 to 2029 LPA On-Call program.

Hg has completed numerous MoDOT and LPA roadway design projects and is known for being responsive, reliable, and fully staffed to meet project demands. Recent work including 48th Street, Route 69 and EE, Englewood Boulevard, and 31st and Van Brunt demonstrates our ability to deliver coordinated, community-focused, and constructible roadway designs. Across these corridors, our team integrates roadway geometrics, utilities, ADA and multimodal needs, traffic operations, and stormwater into clear, buildable plans that move projects forward.

Key Hg strengths include:

Holistic approach that considers all users. Hg designs corridors that support drivers, pedestrians, cyclists, and transit users by integrating planning, design, and construction coordination. Our work reflects a comprehensive understanding of safety, ADA accessibility, right of way, utilities, and long-term operations.

Established history delivering MoDOT LPA projects across all districts. Hg has supported local agencies across Missouri with roadway reconstruction, widening, resurfacing, intersection improvements, multimodal

enhancements, environmental documentation, and right of way services. We understand the LPA Manual, Chapter 136 procedures, plan documentation requirements, and the coordination required between MoDOT and local sponsors.

Multidisciplinary and growing team with strong in-house capability. Hg provides roadway design, traffic engineering, safety analysis, ADA expertise, utility coordination, stormwater design, public involvement, environmental documentation, and QA/QC within one integrated team. This depth supports responsive schedules, consistent quality, and efficient delivery which are critical for on-call assignments with limited budgets and accelerated timelines.

FAMILIARITY/CAPABILITY

Hg has extensive experience delivering roadway, intersection, safety, and multimodal projects for Missouri LPAs and MoDOT District staff. Our team understands the LPA Manual, Chapter 136 requirements, and MoDOT expectations for roadway design, utilities, ADA, drainage, traffic operations, and plan documentation.

Our long history working with MoDOT districts and local agencies gives us a clear understanding of review processes, standards, and coordination needs. With a strong in-house multidisciplinary team and an all-users design philosophy, we consistently deliver coordinated plans and reliable performance from concept through final design and construction support.

Hg stands ready to support Missouri LPAs with reliable, accurate, and MoDOT-compliant roadway design services that advance safe and accessible transportation investments across the state.

Respectfully submitted,

A handwritten signature in black ink that reads "Nathan Hladky".

Nathan Hladky, PE, PTOE, ENV SP
Associate Vice President &
Transportation Project Manager
Hg Consult, Inc.

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 throughout the state for field visits and agency coordination, and additional resources can be mobilized quickly to maintain schedule and quality expectations.

Qualifications of Personnel



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

Yrs of Experience: 20

Nathan is a multimodal engineer and traffic operations expert who manages urban and rural corridor planning and design projects. He specializes in safety analysis, multimodal planning and design, and public engagement, creating safe, efficient, ADA-compliant corridors for diverse users. His work spans traffic impact studies, congestion management, and federally funded

arterial projects, integrating geometric design, operations, and community context to improve access, mobility, and long-term corridor performance.

Eric Reinkemeyer, PE, PTOE - Task Manager

Yrs of Experience: 23. Eric is a traffic engineering and roadway design specialist with extensive experience supporting MoDOT on highway, intersection, and corridor improvements. His expertise includes predictive and systemic safety analysis, traffic signal design, maintenance-of-traffic planning, interchange operations, and arterial studies. He has contributed to multiple MoDOT-related initiatives such as Englewood Boulevard, 183rd Street, NE 48th Street, Route 69/EE, and Route 171.

Joshua Castor, PE - Task Manager

Yrs of Experience: 27. Josh is a senior roadway design engineer and project manager experienced in delivering transportation improvements for state DOTs, counties, and municipalities. He specializes in roadway geometrics, drainage, traffic safety, and traffic control for urban corridors, rural reconstruction, and intersection upgrades. His recent work on Route 69/EE, Route 171, and 183rd Street demonstrates his ability to develop practical, constructible solutions that meet MoDOT standards and community needs.

Angela Nelson, PE - Task Manager

Yrs of Experience: 11. Angela is a roadway engineer with experience supporting local and state agencies on corridor improvements, intersection design, and multimodal planning. Her background includes evaluating roadway operations, assessing safety and mobility needs, developing traffic control strategies, and incorporating ADA requirements into design. She has helped advance corridor and intersection upgrades by analyzing constraints, coordinating design adjustments, and reviewing geometry and pedestrian facilities.

Melissa Rettig, PE, RSP1 - Project Engineer

Yrs of Experience: 10. Melissa is a safety focused roadway engineer with experience in predictive and systemic safety analysis, crash evaluation, traffic studies, and conceptual roadway design. She supports data driven project development by reviewing roadway geometrics, operations, and safety needs, helping advance practical, coordinated, and constructible improvements that enhance mobility, accessibility, and overall corridor performance for state and local roadway projects.

Pedro Maltos, PE - Project Engineer

Yrs of Experience: 14. Pedro is a roadway design engineer experienced in geometric design, 3D modeling, drainage, traffic control, signing, and safety enhancements for urban and rural corridors. His work includes supporting the 31st and Van Brunt corridor design, where he applied detailed modeling and geometrics to develop coordinated, efficient, and constructible roadway solutions that address multimodal needs and project constraints.

Andrya "Andy" Haase, EIT - Project Engineer - Utilities

Yrs of Experience: 10. Andy specializes in utility coordination for municipal and transportation projects, with experience managing permits, relocations, and conflict resolution for roadway and intersection improvements. She supports MoDOT projects by reviewing utility plans, confirming field conditions, coordinating with providers, and integrating adjustments into design packages to ensure timely, constructible, and well-coordinated relocation strategies.

James Ritter, PE, RSP1 - Quality Assurance/Quality Control

Yrs of Experience: 19. James is a transportation project manager who provides comprehensive QA/QC oversight for roadway, multimodal, and traffic safety projects. With extensive knowledge of the Safe Systems Approach, he leads corridor safety assessments, district-wide safety planning, and roadway design reviews, where he applies predictive and systemic safety methods to evaluate performance and identify improvements. James has reviewed geometrics, drainage, traffic control, and multimodal elements across a wide range of highway and arterial studies, ensuring consistency with engineering standards and design criteria. His QA/QC leadership strengthens the reliability and constructability of design deliverables, supporting sound decision-making for state and local transportation agencies.



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Past Performance



Englewood Boulevard Complete Streets, Clay County, MO (City of Kansas City, MO).

This complete streets project upgraded roughly one mile of unimproved two-lane roadway between NW Waukomis Drive and just east of the US 169 interchange into a safer, multimodal corridor. The improvements brought the roadway to boulevard standards, featuring new traffic lanes, a landscaped median and parkway, multi-use paths, sidewalks, storm sewer upgrades, and enhanced street lighting. Hg led the design within the MoDOT right of way, including road and ramp widening, retaining walls, storm sewer, sidewalk construction under the US 169 overpass, and signal design at three intersections and traffic control plans. The project is part of a broader Englewood/Waukomis corridor network enhancing connectivity, mobility, and accessibility for all users. **Key staff:** *Eric Reinkemeyer*



31st Street and Van Brunt Boulevard Improvements, Kansas City, MO (KCMO).

The City of Kansas City is improving the complex intersection of 31st Street and Van Brunt Boulevard—including Stadium Drive, Hardesty, and Linwood—to enhance safety, accessibility, and traffic operations consistent with the City's Vision Zero and walkability goals. The project features intersection reconfiguration to simplify geometry, signal modifications to reduce conflict points, and new multimodal facilities for pedestrians, cyclists, and transit users. Coordination with a concurrent Smart Sewer project will separate combined sewers and incorporate new stormwater BMPs. Hg is responsible for the design of the Hardesty and Stadium Drive realignments, pavement marking and signing, and stormwater infrastructure for this important safety and mobility investment in Kansas City. **Key staff:** *Nathan Hladky | Pedro Maltos*

183rd St. Improvements, Johnson County, KS (Johnson County Public Works).

Hg led the design of safety and operational upgrades along 183rd Street for Johnson County, including adding 6-foot paved shoulders, replacing CMP with RCP drainage, and using curb and gutter to limit right-of-way needs and utility relocations while preserving improved driveways. As prime consultant, Hg managed survey, geotechnical work, design development, and full plan production, including plan/profile sheets, erosion control, traffic control, signing, pavement marking, and stormwater management. **Key staff:** *Nathan Hladky | Eric Reinkemeyer*

NE 48th Street Reconstruction, Kansas City, MO (City of Kansas City).

Hg served as a subconsultant for the widening and reconstruction of NE 48th Street for KCMO, expanding the corridor from two lanes to three. Hg designed roadway, safety, stormwater, and pedestrian improvements along a 0.75-mile segment within the 1.5-mile project. The work required avoiding impacts to two cemeteries and coordinating with a consultant designing a large-diameter waterline. Hg produced all plan components except traffic control and lighting, and the project was bid under budget and delivered on schedule. **Key staff:** *Nathan Hladky | Eric Reinkemeyer | Pedro Maltos*

Route 69/EE Intersection Improvements, Cameron, MO (MoDOT).

Hg provided design services for the addition of a northbound left-turn lane on US-69 at Route EE to improve intersection operations and safety. Work included preliminary, right-of-way, and final design plans along with coordination of seven parcel acquisitions in partnership with subconsultant ARC. Traffic was maintained through temporary portable signals and staged construction, allowing two-way traffic during critical phases. A short detour accommodated pipe installation and pavement tie-ins, minimizing disruption to the traveling public. The project met schedule and budget expectations while improving corridor functionality. **Key staff:** *Josh Castor | Eric Reinkemeyer*

Route 171 Roadway Improvements, Jasper County, MO (MoDOT).

This project upgraded Missouri Route 171 from the Kansas state line to roughly 0.6 mile west of Route 43, enhancing a key southwestern Missouri corridor. Improvements included pavement resurfacing, intersection enhancements, and relocation of the Route 171 / Route 96 / County Route YY intersection east of the railroad tracks. A multi-lane roundabout was built at the new intersection to improve safety, traffic flow, and accommodate trucks. Hg contributed by drafting the design criteria memorandum and supporting preliminary and final roadway design, including right-of-way plans, helping modernize the corridor for local and regional travel. **Key staff:** *Eric Reinkemeyer*



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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.



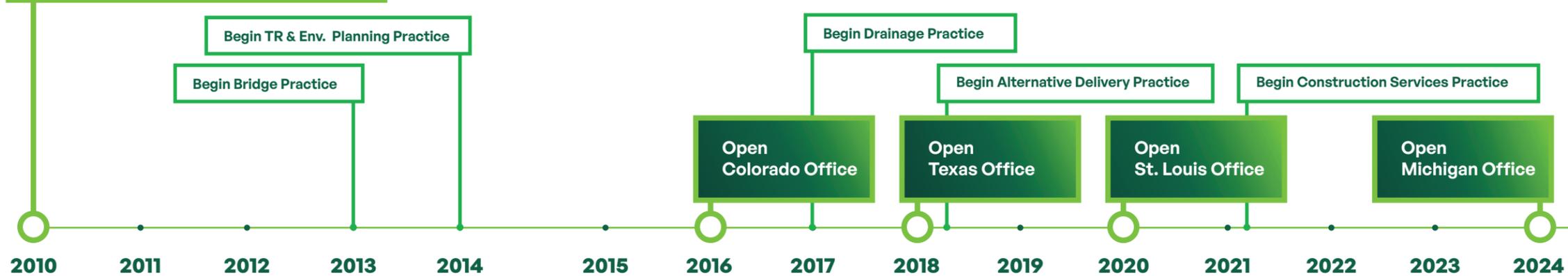
KDOT, 69 Express Design Build

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