



**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:

Melissa Rettig, PE, RSP1

Contact Email  
Address:

mrettig@hgcons.com

Firm's Mailing Address:

7733 N. Wallace Ave

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 - Environmental

Missouri Department of Transportation (MoDOT) Local Program

December 12, 2025



**Hg  
Consult  
Inc**

**Point of Contact: Melissa Rettig, PE, RSP1**

Contract Manager | Hg Consult Inc.  
mrettig@hgcons.com | 314.758.5292  
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:

Preparing environmental documentation for transportation projects requires deep NEPA expertise, strong agency relationships, and the ability to complete technical analyses efficiently. Hg Consult, Inc. (Hg) has extensive experience preparing Categorical Exclusions, Environmental Assessments, Environmental Impact Statements, and NEPA re-evaluations for MoDOT, FHWA, and local partners. Our team includes specialists in wetlands and streams, hazardous materials, species and habitat assessments, floodplain and farmland impacts, socioeconomic analysis, and noise monitoring and modeling. This breadth of capability has positioned Hg as a regional leader in environmental documentation.

Recent experience includes the Route 19 Bridges, I-229 Double Decker Bridge EA, US 71 Reconnecting the Eastside PEL, and Rte CC 23rd Street to US 65 Improvements. Across these efforts, we have integrated environmental analysis with engineering and community context to produce clear, defensible documentation that supports timely decision-making and project advancement.

Key Hg strengths include:

**Leading expertise in MoDOT's NEPA process.** Hg employs recognized environmental practitioners with deep knowledge of MoDOT procedures, FHWA requirements, and NEPA pathways. Our team's extensive portfolio of CEs, EAs, EIS components, and re-evaluations gives us strong familiarity with agency expectations and approval processes.

**Multidisciplinary capability that supports sound, coordinated documentation.** Hg's environmental staff

works closely with water resources engineers, green infrastructure specialists, planners, trail designers, and traffic experts to address wetlands, streams, habitat, stormwater, trail connections, and mobility considerations in a cohesive and defensible manner.

**Strong agency relationships and reliable capacity.**

Our long-standing partnerships with FHWA, USACE, USFWS, MDNR, SHPO, and local agencies support efficient coordination and timely issue resolution. Backed by a deep bench of NEPA specialists and technical staff, Hg provides the responsiveness and continuity essential for on-call environmental assignments.

Hg stands ready to support Missouri LPAs and MoDOT with reliable, accurate, and fully coordinated environmental documentation that advances transportation projects across the state.

Respectfully submitted,

A handwritten signature in black ink that reads "Melissa Rettig".

**Melissa Rettig, PE, RSP1**  
Transportation Engineer & Project Manager  
Hg Consult, Inc.

**FAMILIARITY/CAPABILITY**

Hg has extensive experience delivering environmental documentation and technical studies for MoDOT districts, LPAs, and FHWA. Our team understands MoDOT's Environmental and Historic Preservation processes, FHWA NEPA requirements, and the documentation standards for CEs, EAs, EISs, and re-evaluations. We are well versed in conducting field surveys, species and habitat assessments, wetlands and stream delineations, hazardous materials reviews, socioeconomic evaluations, floodplain analysis, and noise studies.

With a strong multidisciplinary team and established agency relationships, we deliver accurate, defensible documentation and responsive support from project initiation through final NEPA clearance.

**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



Hg  
Consult  
Inc



**Melissa Rettig, PE, RSP1 - Contract Manager**

**Years of Experience: 10**

Melissa is a transportation engineer with strong experience supporting NEPA studies and environmental documentation for MoDOT, Illinois DOT, and other public agencies. She provides conceptual engineering, traffic and safety analysis, and technical inputs that help define impact limits, evaluate alternatives, and inform environmental determinations. Her work includes assisting with socioeconomic evaluations, agency coordination, technical reporting, and the development of clear, defensible environmental documentation. Melissa's background in safety analysis, corridor studies, and multidisciplinary collaboration strengthens the accuracy and consistency of NEPA evaluations and supports well-coordinated project decisions.



**Jen Johnson, JD - Task Manager**

**Years of Experience: 23**

Jen leads and supports NEPA and planning efforts, including PEL studies, Environmental Assessments, and documentation for federally funded projects. With expertise in federal and state environmental regulations, agency coordination, and document control, she helps agencies navigate complex requirements. Her work on the Route 19 Bridges Environmental

Assessment, the K-96 Environmental Assessment, and the US 71 Reconnecting the Eastside PEL demonstrates her ability to integrate technical, environmental, and community considerations into clear, defensible documentation.



**Brett Pierson - Task Manager**

**Years of Experience: 7**

Brett is an environmental planner who supports NEPA documentation, technical analysis, and GIS-based impact evaluations. His experience includes field verification, mapping, and preparation of environmental memoranda for corridor and bridge improvements, safety studies, and planning efforts. He brings strong skills in spatial analysis, environmental data interpretation, and multidisciplinary coordination, helping agencies understand potential impacts to natural and human environments. Brett supports clear, well-structured environmental documentation and technical exhibits that inform project decisions.



**Angela Nelson, PE - Task Manager**

**Years of Experience: 11**

Angela supports NEPA efforts through technical evaluations related to safety, mobility, and operational impacts. She provides analysis of corridor performance, multimodal and ADA considerations, traffic control strategies, and geometric constraints that inform environmental documentation. Angela collaborates closely with environmental and

design teams to identify potential impacts, develop practical alternatives, and ensure proposed improvements align with safety, accessibility, and community needs within the NEPA process.



**Mike Alexander, PE, ENV SP - Task Manager**

**Years of Experience: 21**

Mike is an associate vice president and manager of Hg's Water Services Group with extensive experience in drainage, hydraulic modeling, and hydrologic and hydraulic studies that support

environmental documentation. His work includes evaluating stormwater, floodplain, and waterway impacts; assessing regulated waters; and identifying potential constraints for transportation and municipal projects. He routinely supports alternatives development by analyzing flow conditions, flood risks, and water resource interactions. Mike provides technical input for NEPA evaluations, including water resource impacts, floodplain compliance, and coordination with local and state agencies.



**Justin Bailey, PWS - Task Manager**

**Years of Experience: 20**

Justin is a senior natural resources specialist with extensive experience conducting wetland delineations, stream assessments, habitat evaluations, and mitigation monitoring that support

environmental documentation. He has managed numerous Section 404 permit applications and related compliance efforts, developing strong working relationships with USACE, U.S. Fish and Wildlife Service, and state agencies. He leads natural resource field studies and provides technical input on Waters of the United States, species of concern, and habitat impacts. His GIS capabilities support clear, defensible evaluations for Section 404, Section 401, and ESA requirements within NEPA studies.

## Past Performance



Hg  
Consult  
Inc



### **US 71 Reconnecting the Eastside PEL Study, Kansas City, MO (City of Kansas City).**

This high-profile study focuses on restoring connections and improving access. Hg is supporting the City of Kansas City, MoDOT, and local partners through planning, environmental analyses, and alternatives evaluation while addressing social, economic, and environmental impacts. Hg is providing planning and environmental assessments, stakeholder engagement, and technical analyses to guide this transformative effort. The study establishes a framework for future improvements that balance safe mobility and equitable development. **Key staff:** Jen Johnson | Angela Nelson | Mike Alexander | Brett Pierson



### **Mt. Vernon/Miller Sidewalks and South Creek Greenway Trail, City of Springfield, MO (City of Springfield).**

A green infrastructure initiative funded through the Carbon Reduction Program, these projects advanced sustainable transportation and environmental stewardship. The South Creek project delivered a 2,600-foot ADA-compliant trail and sidewalk corridor along Sunset Street, with curb ramps, stormwater upgrades, driveway improvements, and transit coordination. The Mount Vernon project added 0.5 miles of new sidewalk with curb, gutter, and enclosed storm sewer near Willard Intermediate School and Trinity Pentecostal Church. As an LPA project, Hg supported the City of Springfield by preparing the Request for Environmental Review (RER), assessing potential resource impacts, and completing MoDOT-required screenings, including socioeconomic impacts and threatened and endangered species evaluations, to secure environmental clearance and maintain the project schedule. **Key staff:** Angela Nelson

### **Route 19 Bridges Environmental Assessment, Round Spring, MO (MoDOT).**

This project evaluates aging historic bridges over the Current River and Spring Valley within the Ozark National Scenic Riverways. Hg supported MoDOT by leading environmental analyses, preparing documentation, and coordinating closely with the National Park Service and MoDOT resource staff. Guided by community input, the Environmental Assessment evaluates potential impacts on water resources, floodplains, ecological and cultural resources, recreation, and nearby communities, providing a clear basis for future decisions on the corridor's bridge needs. **Key staff:** Melissa Rettig | Jen Johnson

### **I-229 Double Decker Bridge EA, St. Joseph, MO (MoDOT).**

Hg led a multidisciplinary team through planning, design, environmental coordination, and alternatives analysis for more than 20 options, and final delivery of this comprehensive EA. The project replaces an aging bridge while balancing access, safety, environmental factors, and urban redevelopment goals. Guided by community engagement, the preferred plan replaces the double-decker with a mostly at-grade four-lane arterial. Approved in early 2025, the EA advances a safe, efficient, redevelopment-ready corridor.

**Key staff:** Jen Johnson | Brett Pierson

### **CD0125: Columbia Pedestrian/ADA Improvements, Boone County, MO (MoDOT).**

This LPA-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. Hg provided ADA design, plan geometrics, traffic signal upgrades to Accessible Pedestrian Signals (APS), signing and pavement marking plans, and utility coordination. Hg also submitted the Request for Environmental Services (RES), providing project details, preliminary plans, and environmental data to support review of impacts to wetlands, streams, threatened species, cultural resources, noise, air quality, and hazardous materials, ensuring compliance with state and federal environmental standards. **Key staff:** Jen Johnson | Angela Nelson

### **J8S0753D Rte CC 23rd St. to US 65 Improvements, Ozark, MO (MoDOT).**

This LPA project includes environmental coordination and assessment as part of the overall efforts to widen Route CC between Fremont Road and 23rd Street. The scope of work involved evaluating potential impacts to wetlands, streams, and water quality; assessing effects on threatened and endangered species and cultural resources; and reviewing noise, air quality, and hazardous materials concerns. These efforts supported compliance with state and federal environmental regulations and ensured bridge rehabilitation, intersection upgrades, and pedestrian/bicycle improvements were implemented according to MoDOT specifications and requirements. **Key staff:** Angela Nelson



**Hg  
Consult  
Inc**



Building Relationships  
& Engineering Solutions  
for Communities

**Earl Harrison, Jr., PE**  
President & CEO  
eharrison@hgcons.com  
816.256.5153

**Stephen Wells, AICP**  
Senior VP & COO  
swells@hgcons.com  
816.519.2332

**Matt Spencer, PE**  
Kansas City Area Leader  
mspencer@hgcons.com  
816.482.3794

**Rachel Lunceford, PE**  
Texas Area Leader  
rlunceford@hgcons.com  
512.851.1073

**Buddy Desai, PE**  
St. Louis Area Leader  
bdesai@hgcons.com  
314.495.6868

**Jerry Mugg, PE**  
Colorado Area Leader  
jmugg@hgcons.com  
720.723.0679

**Doug LaVoie, PE**  
Michigan Area Leader  
dlavoie@hgcons.com  
517.908.0003

# 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.



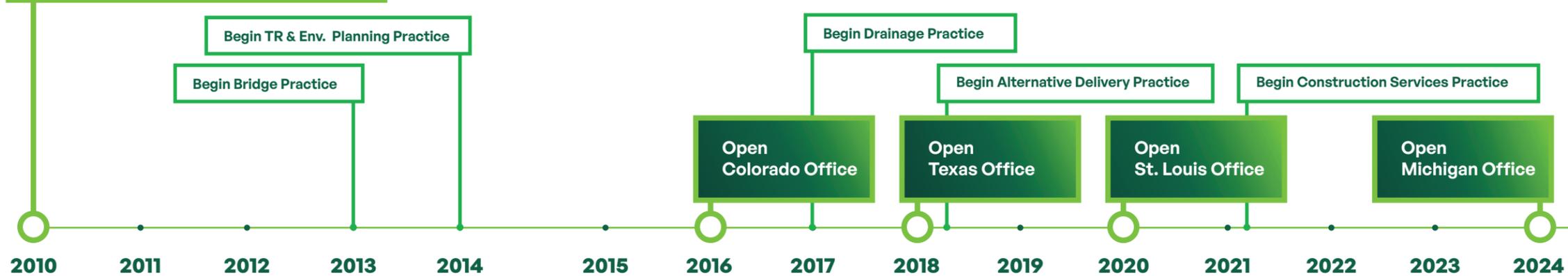
KDOT, 69 Express Design Build

### 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