



**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:

McClure Engineering Company dba McClure

Firm Contact Name:

Aaron McVicker, PE

Contact Email  
Address:

amcvicker@mcclurevision.com

Firm's Mailing Address:

107 Butler St

Macon, MO 63552

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

Ashley Buechter, PE  
Local Program Administrator  
via email: [LPAoncall@modot.mo.gov](mailto:LPAoncall@modot.mo.gov)



## RE: LETTER OF INTEREST – STRUCTURES

Dear Ms. Buechter:

Maintaining safe and efficient bridges is essential to Missouri’s transportation network, and our team is committed to delivering competently engineered structural plans that meet this standard. With extensive experience serving more than 140 Missouri cities and counties—including projects for MoDOT and the Local Public Agency (LPA) program—we provide comprehensive services that encompass structural plan development, detailing, hydraulic studies, geotechnical investigations, surveying, cost analysis, environmental clearances, and right-of-way coordination. Our multidisciplinary expertise ensures reliable, timely solutions for every phase of bridge design. Our standard of service is comprised of three areas of focus:

**INNOVATION AND COMMUNICATION.** McClure brings a diverse range of expertise and prioritizes clear communication throughout the design process. Our team continually reviews and refines design approaches to deliver innovative, cost-effective solutions that add value to every project. With more than 270 professionals across the Midwest, we bring depth of knowledge and collaborative insight to enhance the design process and strengthen client partnerships. We believe effective communication is the foundation of successful projects and lasting relationships.

**QUALITY.** There are several key elements to McClure’s work processes that ensure quality deliverables for our clients: (1) An organized system of project milestone reviews at specific stages for each project; (2) Close communication with clients to establish goals and to review the preliminary and final plans and specifications; (3) A quality improvement program that monitors the quality of our projects using specific criterion in order to improve performance; and (4) A carefully designed digital file management and archive system that securely stores documents relative to each project and allows for quick retrieval and efficient transfer of files among our internal and external project teams, including our clients.

**COLLABORATION.** As a multidiscipline firm, McClure offers a comprehensive suite of services through an experienced team of surveyors, engineers, technicians and construction professionals who have worked together seamlessly for many years. This integrated team of complementary skills and talents enables McClure to eliminate the need for multiple project managers, offer consistent communications and produce designs more efficiently for our clients.

## PAST PERFORMANCE

McClure’s extensive experience working with municipalities, counties, and public agencies has prepared our team to deliver structural bridge solutions that meet a wide range of regulatory and engineering standards. We understand the complexities of bridge design and rehabilitation, and bring the technical expertise, responsiveness, and collaboration needed to support successful on-call service delivery from concept through construction.



**COUNTY ROAD 625 BRIDGE 14300018 BRO-R076019 – OSAGE COUNTY, MO** – McClure provided survey, hydraulic analysis, permits, preliminary and final bridge design, geotechnical design, materials testing, and construction observation services to replace Bridge No. 14300018 utilizing the BRO program. Our subconsultant, Terracon, provided geotechnical investigation services to aid in the design of the substructure elements. The existing structure was a two-span concrete deck bridge with one span being a steel truss and the other being steel I-girder. The location is on County Road 625 over Swan Creek in Osage County, Missouri and the structure had reached the end of its serviceable life due to structural deficiencies. The final design included a single-span structure with steel H-Piles piles for the

substructure and steel I-girders for the superstructure with a concrete deck. The new structure has allowed for increased hydraulic capacity and reduced potential for scour. Additional width provided by the new structure allows for two-way traffic and large agricultural equipment as well.



**BRIDGE #1310005 REPLACEMENT – LINCOLN COUNTY, MO** – McClure was hired by Lincoln County to design a replacement structure on 5th Street in Elsberry, MO using **Off-System Bridge Replacement and Rehabilitation Program (BRO)** funds. With the structure located within the city limits and on a city street, McClure helped coordinate between the county and city throughout the project. The design consisted of precast concrete box girders on a Geosynthetic Reinforced Soil Integrated Bridge System abutments keyed into limestone. The innovative design uses masonry blocks, geotextile fabric and gravel in layers to create a rigid bearing surface to support the superstructure. The GRS-IBS Abutment also reduces the potential for scour. The new structure is longer to provide

increased water flow, wider for a safer passage, and increased guardrail length for better protection for the traveling public. McClure also provided survey, hydraulic analysis, right-of-way negotiation services, utility coordination, geotechnical engineering, bidding assistance, construction observation, materials testing coordination, and permitting services.

**COUNTY ROAD 405 BRIDGE # BRO-NBIL-B099(22) – SCOTLAND COUNTY, MO** – The existing Low Water Crossing (LWC) on County Road 405 was a concrete structure with steel culverts designed to pass low flow events. The crossing replaced an existing bridge in the 1980s, providing a cost-effective solution at the time. Scotland County determined the crossing was not functioning as intended due to the frequency of overtopping and elected to utilize their BRO funds to replace the structure with a bridge. McClure provided survey, hydraulic analysis, permits, geotechnical design, preliminary layout, and final bridge design. McClure also provided materials testing, and construction observation services during construction. The final design includes a single span structure with steel H-piles for the substructure and precast prestressed concrete NU70 girders for the superstructure with a concrete deck. The 145'-1" single-span structure allows for increased hydraulic capacity and reduced potential for scour. The proposed structure also has increased width for two-way traffic and large agricultural equipment. With many large farmers and a seed business in the area, the new structure is welcomed. **This project was federally funded.**

**OLD CONCORD DRIVE BRIDGE 1240002 REPLACEMENT – COOPER COUNTY, MO** – McClure was selected by Cooper County to provide engineering services for replacing bridge 1240002 on Old Concord Drive, which had reached the end of its service life and qualified for replacement under the BRO Program. The County funded the project locally, generating **Soft Match Credit (SMC)** to further leverage federal matching funds within the BRO program. McClure led the project from initial data collection through construction closeout, delivering a cost-effective structure improving safety, reliability, and long-term sustainability for Cooper County residents. As part of the project, McClure provided funding assistance, topographic and boundary survey, permitting services, hydraulic and hydrologic analysis, bridge and roadway design, right-of-way services, bidding assistance, construction administration, and construction observation. The final design is a single-span structure that is 80 ft long, 22 ft-6 inch wide, and aligned with a 60-degree skew. The steel I-Girder structure has a concrete deck and is supported by concrete abutments on concrete footings keyed into solid bedrock and protected by rock blanket. McClure delivered a successful bridge replacement project and submitted the required documentation to qualify the project for Soft Match Credit for Cooper County, providing long-term infrastructure value to the community.

## QUALIFICATIONS OF PERSONNEL

With a collaborative approach and strong technical leadership, the McClure team consistently delivers cost-effective solutions that meet MoDOT standards. Their combined expertise and commitment to quality make the team a valuable asset to any structural project.



**Aaron McVicker, PE – Project Manager, Hydraulic Engineer:** For many years Aaron has worked closely with local agencies on multiple local agency bridge projects in a wide range of roles. His project management focuses on effective client communication and accurate, quality deliverables. Aaron has experience in bridge inspection, roadway design and design review for structures owned by Missouri Department of Transportation's (MoDOT) Local Public Agencies. He spent six years with MoDOT and successfully brought roadway realignment, bridge replacement, roadway rehabilitation, pedestrian access (ADA), intersection, on-call guardrail, and hydrologic design projects from design through the construction phase. He is a NHI-certified Bridge Inspection Team Leader and Fracture Critical Bridge Inspector, and MoDOT Local Public Agency (LPA) trained.



**Chad Meyer, PE – Design Engineer, Structural Lead:** Chad has more than 25 years of experience specializing in the design and rehabilitation of steel, prestressed, and reinforced concrete bridges, culverts, and other transportation-related structures. He has served as both project manager and senior bridge engineer on numerous structures designed for state DOTs, as well as several counties and municipalities throughout Missouri and the Midwest. His experience encapsulates the full spectrum of the project life cycle, from conceptual/preliminary design through final design and construction. Chad has extensive experience in design of interchange bridges and grade separation structures in urban environments.



**Celeste Spickert, PE – Structural Team Leader:** Celeste has more than 20 years of experience which includes utilizing concrete, steel, masonry, light gauge steel, precast concrete and wood design. Her breadth of experience includes leading the design of projects ranging from small, one-story buildings to eight-story structures with multiple framing systems. She brings extensive knowledge of diverse construction materials to address project requirements effectively. Celeste’s expertise ensures seamless integration of design concepts and effective coordination across all engineering disciplines. She has provided engineering and shop drawings for the Missouri Safe and Sound – 500 bridge replacements.



**Scott Port, PE – Vice President of Transportation:** Scott serves as McClure’s Vice President of Transportation with more than 19 years of experience. Along with providing quality assurance and quality control, Scott brings strong technical and management skills with experience that includes urban and rural roadway reconstruction and rehabilitation projects ranging from local streets to arterial and collector roadways, roundabouts, trails, streambank stabilizations, wetland and detention basins, permeable pavers, intersection widening and reconstruction involving signalization, interstate reconstruction and widening, and interchange reconstruction.

**FAMILIARITY/CAPABILITY**

McClure brings extensive experience delivering transportation engineering services in accordance with MoDOT standards and specifications, as well as providing on-call services to counties and municipalities of all sizes. We are well-versed in the requirements of federally funded projects, including adherence to applicable federal regulations, guidelines, and reporting standards. Our ability to navigate these compliance requirements ensures that projects meet all federal requirements while maintaining efficiency and quality. We understand the unique demands of this work—particularly the need for flexibility, rapid mobilization, and clear communication—and consistently provide accurate, high-quality results under tight deadlines.

**ACCESSIBILITY**

As a consultant under an on-call master agreement, McClure plans to serve as an extension of Missouri LPA staff. To be effective in this role, we know accessibility and open communication are key elements of a successful partnership. That’s why we’ve designated Aaron McVicker as the primary contact for this area of service, ensuring the Missouri LPA has a clear and direct line of communication with our team. With three offices in Missouri and another just 10 miles from the state border in Lenexa, Kansas, our staff can quickly mobilize for site visits, data collection, meetings, public engagement, and construction observation.

Relationships are tremendously important to us. It is our sincere hope that our letter of interest reflects the importance we place on this opportunity to partner with you. If you have any questions or require additional information, please do not hesitate to contact us.

Sincerely,

Aaron McVicker, PE  
 Project Manager  
 ☎ 660.415.4007 | 📠 660.591.2085  
 amcvicker@mcclurevision.com



# MORE THAN ENGINEERING. MAKING LIVES BETTER.



At McClure, we're driven to make lives better. We think like owners, contractors, developers, managers, stakeholders, and leaders. Engineering your vision to reality. We help you navigate opportunities like funding and building public support for a project. We are always adding value and imagining what's possible. Our engineering and planning expertise includes aviation, bridge, community development, construction observation, development, environmental, landscape architecture, stormwater, structural, survey, transportation, traffic, water, and wastewater.

Since 1956, McClure has grown to a firm of over 270 professionals in fourteen offices located in Iowa, Missouri, Kansas, Massachusetts, and New Hampshire. The McClure team is comprised of civil engineers, structural engineers, land surveyors, landscape architects, LEED Accredited Professionals, Certified Envision Sustainability Professionals, a Professional Traffic Operations Engineer, and an AICP Certified Planner.

We are committed to providing outstanding project delivery services, personal communication, and innovative and cost-effective design. If you've got a vision, we've got the team to bring it to life. When you choose McClure, you're choosing a partner with an unmatched depth of experience, all the specialists you need, and a passion for building great communities. [It's time to get to work.](#)

**YOUR VISION. ENGINEERED HERE.**

## TRANSPORTATION

# DRIVING GROWTH IN YOUR COMMUNITY.

Most people look at roads as a means to get from Point A to B. McClure considers transportation as a way to make lives better by connecting people. It's not just about concrete and asphalt. A smart and safe transportation system is an economic lifeline for communities, critical in attracting and retaining talent for businesses. So, while we work like engineers in executing your transportation project—we also think like city managers and developers, looking for ways to increase the impact and return on your investment.

We consider public engagement an essential element of our standard of service on every project. This means we actively listen to comments from our clients, the community, and other stakeholders, so we can understand their questions or concerns. You want to see your community grow and thrive. Our engineers and traffic specialists share your vision, connecting people with prosperity.

### WHERE WE MAKE AN IMPACT:

- ADA Compliance
- Asset Management
- Bridge Design and Inspection
- Capital Improvement Plan (CIP) Preparation
- Construction Administration
- Corridor Analysis/Redevelopment
- Geographic Information Systems (GIS)
- Geotechnical Engineering
- Grant Funding Applications
- Institutional Roadway Design
- Intelligent Transportation System (ITS)
- Multimodal Facilities
- Municipal Roadway Design
- Pavement Management
- Pedestrian Trails
- Primary and Non-Primary Highways
- Rail Design
- Right-of-Way Acquisition
- Special Assessment Assistance
- Streetscape and Downtown Revitalization
- Traffic Incident Management Services
- Traffic Operations
- Transportation Planning

## BRIDGE

# KEEPING PEOPLE CONNECTED AND COMMUNITIES THRIVING.

It's more than a county bridge. It's the road to a better economy. A pathway for kids to get to school. A bond that connects people. With more than 60 years of transportation and bridge engineering expertise, our mission is simple: Keep people connected and communities thriving. We inspect, design, and repair a multitude of bridges, including steel and concrete I-beam, prestressed concrete, metal truss, steel, and concrete culverts, metal arch, and concrete arch structures. Finding the right partner can help you find the right funding in times of limited budgets. That's why we think beyond the specs and the structure. Doing everything we can to keep your community more livable and viable.

### WHERE WE MAKE AN IMPACT:

#### *General Bridge Services*

- Coatings and Corrosion Consultation
- Conceptual and Preliminary Design
- Construction Administration and Observation
- Feasibility Studies
- Final Design (ASD, LFD, and LRFD)
- Fracture Critical Bridge Inspection
- Load Rating (ASR, LFR, and LRFR)
- Routine Inspection and Condition Evaluation

#### *Inspection, Design, and Repair*

- Culverts
- Foundations (Spread and Deep)
- Pre-Stressed Concrete

- Reinforced Concrete
- Retaining Walls
- Seismic Design
- Steel (Plate, Girder, and Wide Flange)
- Truss

#### *Support Services*

- Geotechnical Design
- Hydraulics
- Maintenance of Traffic
- Right-of-Way Acquisition
- Roadway
- Safety
- Survey with LiDAR
- Utility

## AVIATION

# HELPING LOCAL ECONOMIES SOAR.

With five licensed pilots on our team, we not only design and build runways. We pilot them too. McClure has been practicing private aviation since Jon McClure began the firm in 1956. You might say aviation is part of our DNA and culture. And this passion gives us a unique insight into the issues facing airports today. With national and international experience, our team understands various local, state, and federal regulations. We partner with the FAA and state agencies to help you find the funding you need (over the past five years we've obtained over \$80M in grants for our clients). And we'll be there throughout the project, making sure you stay up to date on ever-changing regulations. Our experience in real estate development also allows for a more comprehensive approach to airport expansion or renovation, considering its impact on local property values and opportunities for commercial development. Airports are economic engines; effective development and engineering enhance their role in boosting local tourism and business. Local aviation is vital to business and economies, and essential to moving people, products, and services.

### WHERE WE MAKE AN IMPACT:

#### Airport Planning:

- Statewide System Plans
- Master Planning
- Airport Layout Plans
- Capital Improvement Planning
- Airspace Analysis
- Airport GIS System (AGIS/ADIP)
- Pavement Management

#### Environmental:

- Categorical Exclusions (CATEXs)
- Environmental Assessments
- Public Involvement

#### Land Aquisition:

- Exhibit 'A' Property Maps
- Survey, Plats, Legal Descriptions
- Appraisals / Review Appraisals
- Negotiations / Purchase Agreements

#### FAA and DOT Grant Administration:

- Grant Application Writing
- FAA & DOT Grant Funding Reimbursements
- Financial Reporting
- Independent Fee Estimation

#### Civil Airside Design:

- Runways, Taxiways, and Aprons
- Airfield Lighting and Navigational Aids
- Airfield Drainage / Stormwater Design
- Aircraft Hangars, Terminals, Snow Removal Equipment (SRE) Buildings

#### Civil Landside Design:

- Parking Lots & Entrance Roads
- Parking Garages
- Utility Coordination

#### Airport Construction:

- Construction Management and Administration
- On-site Construction Observation
- Construction Staking
- Materials Testing

#### Miscellaneous:

- Aircraft Fueling, Fuel Farms, Self-Service Card Readers
- Solar Photovoltaic (PV) Array Systems (ground mounted and roof mounted)

## SURVEY

# THE FIRST STEP FOR LASTING SUCCESS.

Before land becomes a shopping center, a school, or a roadway, McClure surveyors are there, gathering critical data that becomes the foundation for achieving your vision.

Our team uses a high-tech approach to surveying. Using state-of-the-art surveying and remote sensing technology, we conduct a wide variety of construction, design, and pipeline surveying projects for clients of all sizes. Not just land surveys, but drone surveys and bathymetric surveys too. We analyze the data and deliver it in traditional, plan-view survey drawings, complex BIM models, and renderings. Even drone animations and time-lapse videos of construction sites. The information you receive at the start informs every decision you make along the way. Trust McClure for surveying expertise that ensures the safety and success of your project.

### WHERE WE MAKE AN IMPACT:

- 3D High-Definition Scanning (HDS) Surveys
- ALTA/ACSM Land Title Surveys
- Bathymetric Surveys
- BIM Modeling
- Boundary Surveys
- Construction Staking
- Drone (Unmanned Aerial Vehicle or UAV) Surveys: Imaging, Videography, and Photogrammetry
- Renewable Energy Development Surveying Support Services Forensic Scanning
- Legal Surveys—Easements, Acquisitions, Boundary Retracements, Platting
- Route, Alignment Design, and Plan Preparation
  - » Preliminary, Routing, Staking, and As-Built
  - » Oil, Gas, and Products Pipelines
  - » Electric Transmission
- Topographic Surveys

# STRUCTURAL

## HELPING BUILDINGS STAND TALL AND STAND OUT.

You want to make buildings that make an impact. We can bring your ideas to life. At McClure, we think beyond concrete and steel, creating innovative structures that wow with design. And functionality. We restore buildings to their former glory. And adapt historical buildings to a modern world.

You can rely on us for speed and responsiveness when fast action is critical to the success of your project. And you'll appreciate our ability to anticipate problems before they occur. We think like owners, partners, and entrepreneurs, always looking for better ways to make your vision even better. You want to create livable spaces where memories are made—or kept alive. Let's build on those ideas together.

### WHERE WE MAKE AN IMPACT:

- Licensed in 49 States plus D.C.
- Engineer of Record Architectural Services
- Full Building Systems Designed with Cold-Formed Steel (CFS)
- Complex CFS Framing with Radiused Surfaces
- Reinforced Concrete including Precast and Prestressed
- Storm Shelters and Hardened Structures
- Specially Designed CFS Roof and Floor Open Web Trusses
- Non-Bearing CFS Cladding and Wall Systems
- Historic Rehab and Repurposing
- Blast and Progressive Collapse Resistant Structures (D.O.D.)
- Industrial and Manufacturing Structural Services
- Value Engineering Solutions including Design-Build Experience
- Special Analysis – Vibration, Instrumentation, Testing, High Seismic, etc.
- Structural Evaluations, Insurance, and Property Assessments
- Peer Reviews and Expert Witness
- Modular and Prefabrication Design
- Building Information Modeling (BIM)
- Apartments and Condos
- Banks
- Dealerships
- Government
- Fast Food and Restaurants
- Hotels
- Retail

## OFFICE LOCATIONS

### IOWA

**ANKENY (HEADQUARTERS)**  
1535 SW Market Street, Suite 200  
Ankeny, Iowa 50023  
P 515.512.1361

**CARROLL**  
623 North Carroll Street  
Carroll, Iowa 51401  
P 712.220.8121

**CEDAR RAPIDS**  
615 5th Street  
Cedar Rapids, Iowa 52401  
P 319.626.9090

**CLIVE**  
1360 NW 121st Street  
Clive, Iowa 50325  
P 515.964.1229

**CORALVILLE**  
2229 E Grantview Lane  
Coralville, Iowa 52241  
P 319.626.9090

**COUNCIL BLUFFS**  
3418 W Broadway  
Council Bluffs, Iowa 51501  
P 712.454.7691

**FORT DODGE**  
705 First Avenue North  
Fort Dodge, Iowa 50501  
P 515.576.7155

**SIOUX CITY**  
613 Pearl Street  
Sioux City, Iowa 51101  
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**MISSOURI**  
**COLUMBIA**  
1901 Pennsylvania Drive  
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**NEW HAMPSHIRE**  
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