



**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

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Firm Contact Name:

Aaron McVicker, PE

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Contact Email  
Address:

amcvicker@mcclurevision.com

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Firm's Mailing Address:

107 Butler St

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Macon, MO 63552

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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

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



## RE: LETTER OF INTEREST – CONSTRUCTION INSPECTION

Dear Ms. Buechter:

McClure is pleased to present our expertise to Missouri's Local Program (LPA) consultant staff for Construction Inspection services. Our integrated team of engineers and construction professionals use their collective experience and expertise to deliver our multidisciplinary engineering, surveying, and construction services. Our standard of service is comprised of three areas of focus:

**SAFETY.** McClure is committed to safety. In fact, our project teams receive basic first aid, CPR and AED, as well as training specific to their role and responsibilities (e.g. OSHA 10-hour General Industry Hazard Recognition, fall protection, etc.) When possible, our engineers and field crews employ the latest technology, such as LiDAR and our remote-operated hydrographic survey boat, to collect comprehensive, accurate data in the safest way possible.

**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 support construction projects with a strong understanding of local, state, and federal requirements. We recognize the importance of clear communication, responsiveness, and attention to detail in construction inspection, ensuring projects are built according to design intent, specifications, and quality standards.



**BRIDGE 1400000 BRO-B027(18) REPLACEMENT – COOPER COUNTY, MO** – The existing bridge on Osage Valley Road is a steel truss structure which is considered fracture critical. McClure personnel had previously inspected the bridge for MoDOT within their fracture critical bridge inspection program. The County completed a repair recommendation provided by McClure to keep the bridge operational, but with a load posting. The County decided to replace the structure, **utilizing their BRO funds**. 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 136'-6" single-span structure allows for increased hydraulic capacity and reduced potential for scouring. The proposed structure has an increased width for two-way traffic and large agricultural equipment.

**MIDWAY ROAD BRIDGE NO. 1520004 REPLACEMENT – MILLER COUNTY, MO** – McClure partnered with Miller County to deliver the replacement of Bridge No. 1520004 on Midway Road under the **BRO Program**, a federal funding program dedicated to improving deficient off-system bridges. The project addressed an aging structure failing to meet current safety, hydraulic, and structural standards. The new structure is a 67'-9" long, 24'-0" wide single-span steel I-girder bridge with a reinforced concrete deck. The bridge utilizes concrete abutments supported on steel piling and is set on a 25-degree skew

to optimize hydraulic performance and roadway alignment. The design enhances load-carrying capacity, improves roadway safety, and reduces long-term maintenance demands for the County. To support the successful delivery of the project, McClure provided a full suite of engineering and administrative services, including funding program assistance, topographic and boundary survey, permitting services, hydraulic and hydrologic analysis, bridge design, roadway design, right-of-way services, bidding assistance, construction administration, and construction observation. Through comprehensive project delivery and close coordination with Miller County and MoDOT, McClure provided a cost-effective, sustainable bridge replacement improving safety, enhancing connectivity, and supporting long-term infrastructure needs within the county.



**LOW WATER CROSSING REPLACEMENT BRIDGE ON KENNEDY STREET BRO-NBIL-B061(32) – MACON COUNTY, MO** – McClure provided survey, hydraulic analysis, permits, preliminary and final bridge design, geotechnical design, materials testing, and construction observation services for this **federally funded project**. The existing site included a Low Water Gravel Crossing. The replacement structure included a single-span design with steel H-piles for the substructure, precast prestressed concrete NU girders for the superstructure, and a concrete deck. The County Road went through the Army Corps of Engineers' Land that is managed by the Missouri Department of Conservation. Furthermore,

the waterway is part of a Corps-controlled lake. McClure orchestrated coordination with all agencies to deliver a successful project for all involved.

### 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 roadway design 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.



**Jeremy Basinger – Engineering Technician:** Jeremy has 29 years of structural and civil design experience. He is responsible for site evaluations, developing design drawings, construction administration, observation, and material testing. Whatever his role, Jeremy works to create functional, economic, and most importantly, safe structures. Jeremy conducts structural inspections and evaluations, developing repair plans and design drawings for industrial facilities under McClure's engineering supervision. His experience includes culvert and bridge replacements, low water crossings, sidewalk improvements, and community storm shelters. He is skilled in using scissor and boom lifts for inspections and is familiar with ultrasonic thickness gauges for structural analysis. Jeremy has experience working with scissor lifts and boom lifts typically used during structural inspections. He is familiar working with a Positector UTC ultrasonic thickness gauge used for structural analysis and inspection of existing conditions.



**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  
P 712.224.4613

**MISSOURI**  
**COLUMBIA**  
1901 Pennsylvania Drive  
Columbia, Missouri 65202  
P 573.814.1568

**MACON**  
107 Butler Street  
Macon, Missouri 63552  
P 660.385.6441

**NORTH KANSAS CITY**  
1700 Swift Street, Suite 100  
North Kansas City, Missouri 64116  
P 816.756.0444

**KANSAS**  
**LENEXA**  
11031 Strang Line Road  
Lenexa, Kansas 66215  
P 913.888.7800

**NEW HAMPSHIRE**  
**PORTSMOUTH**  
25 New Hampshire Avenue,  
Suite 255  
Portsmouth, NH 03801  
P 603.346.4388

**MASSACHUSETTS**  
**BOSTON**  
225 Friend Street, Suite 805  
Boston, MA 02114  
P 617.466.6765