



**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:

EFK Moen, LLC

Firm Contact Name:

Bobby Wooten - Director of Business Development & Strategy

Contact Email
Address:

bwooten@efkmoen.com

Firm's Mailing Address:

13523 Barrett Parkway Drive, Suite 250, St. Louis, MO 63021

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**

Dear Ms. Buechter and members of the Selection Committee,

The intent of the LPA on-call Agreements is to provide local agencies with a group of engineering firms that are familiar with the scope of work needed to conduct construction administration and inspection on LPA projects, and that have the MoDOT LPA process experience to be efficient with the review and delivery format required to work with this federal funding program.

Prequalification:

EFK•Moen is current with all the MoDOT prequalification requirements, including Federal Aid Basic Training.

General Construction Inspection and Design Experience:

EFK•Moen, LLC (EFK•Moen) has several project managers and engineers who have completed the LPA Federal Aid Training Course. EFK•Moen has demonstrated that we have the capacity, availability, and responsiveness to serve local agencies with federally funded projects, and we have the construction inspection, engineering, and surveying experience to deliver quality projects within the schedule and budget. EFK•Moen has provided construction inspection and engineering services on federally funded projects to local agencies and MoDOT since 1998 as a prime consultant and as a valued sub-consultant with other firms. With this experience, we are conscious of the tight budgets and schedules often associated with these types of projects. Since we are familiar with the LPA processes, we can produce quality construction documentation quickly and efficiently. EFK•Moen understands the importance of the on-call agreements to local agencies and the flexibility that they give city officials. Our recent Missouri LPA construction inspection services clients include the Cities of Ladue, Sunset Hills, Chesterfield, and University City. EFK•Moen's roadway, structures, survey, and construction staff members worked closely with our LPA clients to ensure these projects proceeded efficiently and accurately while adhering to the project schedules.

We are dedicated to providing the same experienced group of engineers and support staff on this on-call agreement that has made our firm successful on these work-order-based assignments in the past.

General On-Call Project Approach Outline:

- A local agency will assess internally a specific need resulting in an LPA on-call construction assignment.
- Once EFK•Moen is selected, a kickoff meeting will be scheduled to outline the project scope, schedule, and budget.
- Determine if any part of the materials testing will be subcontracted.
- EFK•Moen will review project contract plans and documents; conduct a field visit to the project site; pre-construction field observations will be noted; project data will be collected; photos and/or video will be taken.
- EFK•Moen will quickly submit a detailed scope based on the information gathered, a proposal task list with hours and cost tabulated for each task, and a schedule that meets the local agency requirements.
- Our Construction Project Manager will create an agenda and help lead the preconstruction meeting.
- Upon notice-to-proceed, EFK•Moen will become familiar with the job specifications and will provide construction administration and inspection, and will continuously look for methods that will create value and stay within the budget.
- Our staff is experienced with delivering construction administration and inspection duties according to MoDOT's LPA process regarding field quantity review, employee interviews, contractor payment vouchers, and the LPA's reimbursement from the Federal Highway Administration through MoDOT's Local Public Agency process.
- After the project is completed, we appreciate feedback from MoDOT and the local agency on how we can work more efficiently with your staff.



LPA Project
Hazelwood Ave. Construction Inspection



LPA Project
N. Geyer Rd. Construction Inspection



LPA Project
CNG Station, Chesterfield, MO
Construction Inspection

**Providing Professional
Engineering & Surveying
Services Since 1998**

Past Performance:

EFK•Moen is an engineering firm that has been regularly selected as a prime consultant on a variety of municipal LPA roadway and bridge design projects and construction services assignments. This experience gives our firm the necessary tools to deliver LPA on-call assignments successfully in a cost-effective manner, to enhance public acceptance, and to adhere to an expedited project schedule typically associated with these work orders. To successfully deliver these on-call assignments, local agencies require a team of highly experienced engineering professionals specializing in construction documentation and inspection services. EFK•Moen has this team in place to address these tasks. Our firm is organized to efficiently perform project tasks typically associated with this type of work order project and will draw on the following features to successfully deliver any work orders we receive:

- Demonstrated ability to successfully deliver challenging documentation and inspections on time and within budget
- Proven ability to coordinate with the client, contractor, and stakeholders in developing acceptable project solutions
- Expertise in implementing and streamlining all facets of document tracking and records keeping
- Established track record in exceeding clients' expectations when delivering LPA projects

Another very important addition to our past project production successes is our track record in contract scoping and negotiations. These tasks with EFK•Moen are typically handled within a very short time frame, which allows us an earlier start than most, resulting in many of our projects finishing ahead of schedule and under budget.

LPA Roadway Construction Inspection Experience

Client/Road/Description	Contract Docs	Subcontracted Material Testing	Employee Interviews	Field Quantity Reviews	Daily Inspections
Kirkwood, Geyer Road Resurfacing and ADA Sidewalk, 1 Mile	✓	✓	✓	✓	✓
University City, Jackson Avenue, Sidewalk, 1 Mile	✓	✓	✓	✓	✓
Hazelwood, Hazelwood Avenue, 1 Mile Reconstruction	✓	✓	✓	✓	✓
Ladue, Price Road, 2 Mile Reconstruction	✓	✓	✓	✓	✓
Chesterfield Compressed Natural Gas Facility	✓	✓	✓	✓	✓
Breckenridge Hills, Woodson Road, .5 Mile Overlay & Sidewalk	✓	✓	✓	✓	✓
Sunset Hills, West Watson, 2 Mile Widen & Overlay	✓	✓	✓	✓	✓
Breckenridge Hills, Breckenridge Road, 1.5 Mile Overlay & Sidewalk	✓	✓	✓	✓	✓
Herculaneum, Joachim Road, Bridge Replacement	✓	✓	✓	✓	✓
Great Rivers Greenway/Alta, Bike St. Louis Pavement Marking	✓	✓	✓	✓	✓



LPA Project
West Watson Road – Construction Inspection



LPA Project
Joachim Bridge – Construction Inspection



LPA Project
Price Road – Construction Inspection

Qualifications of Key Personnel:

Our staff has provided construction services on many types of LPA roadway, bridge, and civil site projects involving alignment design, earthwork, drainage, SWPPP inspections, ADA sidewalks, bridge replacements, trails, traffic signals, signing, lighting, staging, and MOT. This familiarity and knowledge with the MoDOT LPA construction administration processes will provide the local agency and MoDOT staff with a secure feeling of partnership in developing and providing complete and accurate project documentation, and we also have a proven track record in project closeout.

EFK•Moen Key Staff	Project Role	Years of Experience
PJ Kronlage, PE	QC/QA Manager	42
Reggy Waldrup	Construction Inspector	38
Steve Furrow, PE	Construction Inspector	13
Austin Lawrence, PE	Construction Inspector	10
Jacob Kronlage	Construction Inspector	5

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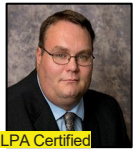
As previously stated, EFK•Moen has several LPA Certified Project Managers, Construction Engineers, and Senior Engineers. All these staff members have been responsible for the successful delivery of EFK•Moen's LPA assignments. These managers, along with the staff of engineers and technicians shown in the matrix, will be dedicated to all construction management tasks assigned to EFK•Moen.



QC/QA Manager/Project Principal, PJ Kronlage, PE, has over 42 years of experience in the transportation engineering field and has been involved in nearly every aspect of roadway design, including roadway alignment and geometrics, drainage systems, lighting, signals and signing, retaining wall layouts, standard plans and specification development, as well as construction management.



Construction Inspector, Reggy Waldrup, has over 35 years of experience in the transportation construction engineering field, working for a government agency (IDOT), as well as a private construction company and a private consulting firm. Reggy has provided construction inspection and management for several projects ranging from new construction and rehabilitation of roadways to major structures. This work included pay item inspection, construction layout and survey, project record documentation, material testing, contractor oversight, and supervision of State and Consultant personnel.



Construction Inspector, Steve Furrow, PE, has over 13 years of experience in the civil engineering field, all with EFK•Moen, working on road design, stormwater-related, and bridge inspection projects. Steve has worked on drainage systems, open-channel hydraulics, field evaluations and inspections, quantities, estimates, standard plans, reports, and quality assurance checks.



Construction Inspector, Jacob Kronlage, is a Construction Inspector/Project Designer in EFK•Moen's St. Louis Office. He has 5 years of experience in the civil engineering field, working on various projects involving a variety of types of civil engineering, and is a main contributor to our Missouri inspections.



Construction Inspector, Austin Lawrence, PE, has over 9 years of experience in the civil engineering field, working for a government agency (MoDOT) as well as private consulting firms. Working on roadway design, deep foundation design, and construction inspection projects. This work included pay item inspections, material testing, construction layout, project documentation, estimates, quantities, and standard plan preparation.

Familiarity/Capability: EFK•Moen has been providing on-call engineering services in several MoDOT districts for years and has been selected in the past for the LPA on-call assignments as well. Our firm's familiarity and experience with these on-call assignments have involved roadway designs, bridge engineering, traffic engineering, and ADA trails & sidewalks. EFK•Moen has the expertise to address a wide variety of project requests to assist local agencies with professional services across the state, from conceptual studies to construction management. We encourage you to contact the listed clients regarding EFK•Moen's capabilities, accessibility, responsiveness, and familiarity with MoDOT's LPA requirements.

Accessibility: We understand that the success of these project assignments depends on the selected firm's flexibility to respond when called upon. EFK•Moen is responsive and aware that this is extremely important for the on-call work orders, as their schedules seem to be more immediate/short-term in nature. EFK•Moen is committed to meeting with local agency staff members within two business days from initial contact to discuss a specific work order request.

The Benefits of Selecting the EFK•Moen Team for this Project

- Experienced Firm working as PRIME
- Experienced with MoDOT & LPA On-Call assignments
- History of Expedited Scoping and Contract Negotiations
- History of Innovative Design Plans

Sincerely,
EFK•Moen, LLC

Bobby Wooten - Director of
Business Development & Strategy
bwooten@efkmoen.com

EFK♦Moen

Civil Engineering Design

EFK♦Moen, LLC is a Civil Engineering Design Consulting Firm founded in 1998

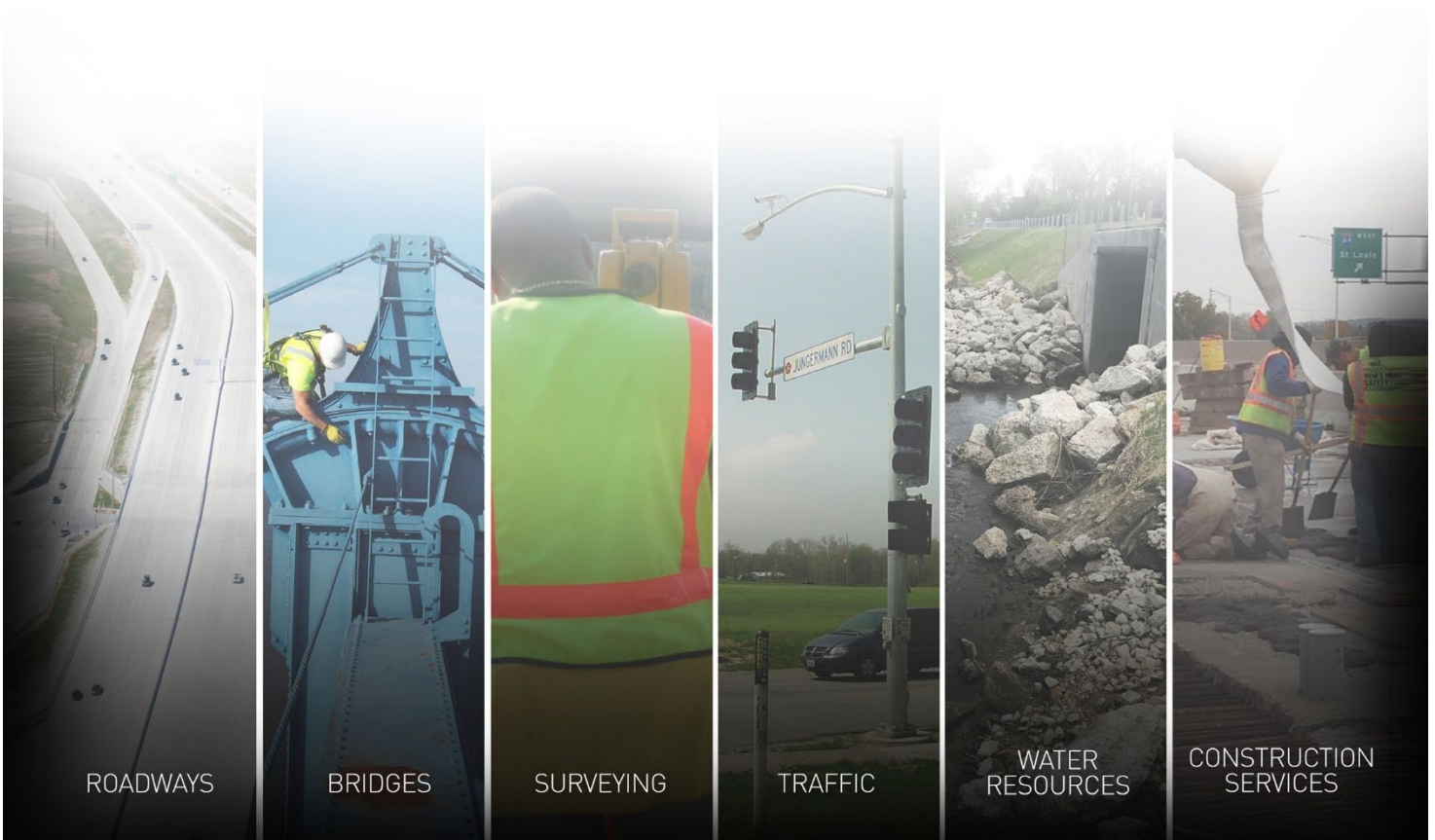
with an emphasis in transportation and bridge engineering and design.

The staff of EFK♦Moen has experience in developing new concepts for roadway and bridge designs from preliminary feasibility studies through final design and construction. Our offices are located in St. Louis, MO; St. Charles, MO; Fairview Heights, IL; Chicago, IL; and Atlanta, GA.

EFK♦Moen's engineers are well respected within the industry and have gained recognition for producing quality design documents. Utilizing the latest technology and diverse experience, we provide innovative and cost-effective designs.

EFK♦Moen's staff of professional engineers has been responsible for many Missouri interstate and marked routes throughout the region.

www.efkmoen.com



ROADWAYS

BRIDGES

SURVEYING

TRAFFIC

WATER
RESOURCES

CONSTRUCTION
SERVICES

EXPERIENCE WITH FEDERAL, STATE & LOCAL GOVERNMENTS

Since EFK♦Moen was formed in 1998 our clientele has primarily been state and local governments. We have extensive experience with MoDOT, federally funded projects, the Local Public Agency (LPA) process, the City of St. Louis Board of Public Service and the St. Louis Metropolitan Sewer District. EFK♦Moen has a good understanding of the most current guidelines and procedures used by federal, state and local governmental agencies, and has several project managers who have earned the Federal Aid/LPA Certification through MoDOT.

SERVICES



Vance Road – St. Louis County

ROADWAY, TRAILS & SIDEWALKS

EFK•Moen's transportation engineering professionals have great depth of experience with all types of roadway/highway design projects.

Our experience includes:

- ◆ Interstates, Highways, Local Roads
- ◆ Roundabouts
- ◆ Interchanges
- ◆ Conceptual/Feasibility Studies
- ◆ Public Involvement
- ◆ ADA Compliant Design
- ◆ Interstate/Highway Signing
- ◆ Construction Staging/Maintenance of Traffic
- ◆ Value Engineering
- ◆ Multi-Use Trails
- ◆ Traffic Calming
- ◆ GIS Technology
- ◆ Grant application and exhibit preparation



Wyncrest Drive over Glaize Creek – St. Louis County

STRUCTURES

EFK•Moen's structural engineering group understands the complexities of bridge, retaining wall and box culverts designs; and is also experienced in maintenance of traffic, construction methods, structure maintenance and inspection, expedited schedules and budget constraints.

We offer services in the following areas:

- ◆ Bridge & Box Culvert Plans
- ◆ Bridge Inspections & Rehabilitations
- ◆ Bridge Hydraulic Studies
- ◆ Bridge Load Rating
- ◆ Seismic Design
- ◆ Sign Truss and Lighting Foundations
- ◆ Retaining Walls
- ◆ Peer Design Review
- ◆ Shop Drawing Review



Eads Bridge – St. Louis County

SURVEYING

Combining the latest technologies with a very experienced group of surveying personnel is what makes EFK•Moen an industry leader producing extremely accurate documentation for our clients.

- ◆ Boundary Surveys
- ◆ ALTA/ACSM Surveys
- ◆ Right of Way and Corridor Surveys
- ◆ Topographic Surveys
- ◆ Aerial Control Surveys for Photogrammetry
- ◆ Construction Staking
- ◆ As-Built Surveys
- ◆ Legal Descriptions/Exhibits/Plats
- ◆ Subdivision Plats
- ◆ Record Research and Compilation
- ◆ Static and Drone Lidar



I-270 and Dougherty Ferry Rd. – St. Louis County

TRAFFIC

EFK•Moen's traffic engineering group provides our clients with traffic demand studies and traffic signal design.

- ♦ Site Traffic Projections
- ♦ ITE Analysis
- ♦ Safety Analysis
- ♦ Intersection Capacity Analysis
- ♦ Traffic Signal Phasing
- ♦ Traffic Signal Design
- ♦ Traffic Studies Reports
- ♦ Maintenance of Construction Traffic
- ♦ SYNCHRO/SimTraffic Software Expertise
- ♦ ADA Compliant Traffic Signal Equipment
- ♦ VISSIM



Bohrer Park - St. Louis County

WATER RESOURCES

EFK•Moen regularly performs the design, modeling and analyses of watersheds, drainage areas, rivers and creeks for both existing conditions and proposed solutions. This includes creek crossings for bridge and culvert replacements, pavement drainage design for roadways and site developments and studies of existing drainage patterns to identify causes and solutions for flooding concerns.

- ♦ Detention Basin Design
- ♦ Water Quality BMP Design
- ♦ Creek Biostabilization
- ♦ FEMA Floodplain/Floodway Studies
- ♦ Stormwater Management
- ♦ 1D and 2D Hydraulic Modeling
- ♦ Stormwater Culvert and Ditch Design



Route A – St. Charles County

CONSTRUCTION SERVICES

EFK•Moen's staff is certified in many aspects of construction documentation, concrete and asphalt testing, soil field testing, stormwater prevention plan monitoring (SWPPP), and erosion control; and our staff has provided construction services on DOT, County, and Municipal projects, with experience in Federal Local Public Agency/Local Road processes and paperwork.

- ♦ Construction Services Documentation
- ♦ SWPPP/Erosion Control Monitoring
- ♦ Concrete-Soil Field Testing
- ♦ Local Road/Local Public Agency Process
- ♦ Construction Services Documentation
- ♦ SWPPP/Erosion Control Monitoring
- ♦ Concrete-Soil Field Testing

EFK•Moen promotes a diverse workforce within the company, and teams with firms that share this same philosophy. EFK•Moen likes to provide opportunities for all parties involved to bring new perspectives to project teams that are as diverse as the locations in which EFK•Moen serves.

KEY STAFF



Linda Moen, PE, PTOE
 President, Traffic
 41 years of experience
llmoen@efkmoen.com
 314-394-3101



PJ Kronlage, PE
 Vice President, QA/QC
 42 years of experience
pjkronlage@efkmoen.com
 314-394-3102



Margaret Bruns, PE
 Roadway Manager
 21 years of experience
mbruns@efkmoen.com
 314-394-3138



Chris Linneman, PE, SE
 Structures Manager
 28 years of experience
cdlinneman@efkmoen.com
 314-394-3152



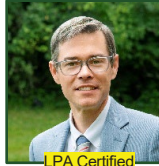
Randy Brickey, PLS
 Survey Manager
 41 years of experience
rbrickey@efkmoen.com
 314-394-3167



Bobby Wooten
 Director of Business Development & Strategy
 38 years of experience
bwooten@efkmoen.com
 314-394-3105



Nick Correnti, PE
 Project Manager - Roadway
 21 years of experience
ncorrenti@efkmoen.com
 314-394-3140



John Huebbe, PE
 Water Resources
 22 years of experience
jhuebbe@efkmoen.com
 314-394-3117



Mark Huebbe, PE, PTOE
 Traffic
 23 years of experience
mhuebbe@efkmoen.com
 314-394-3133



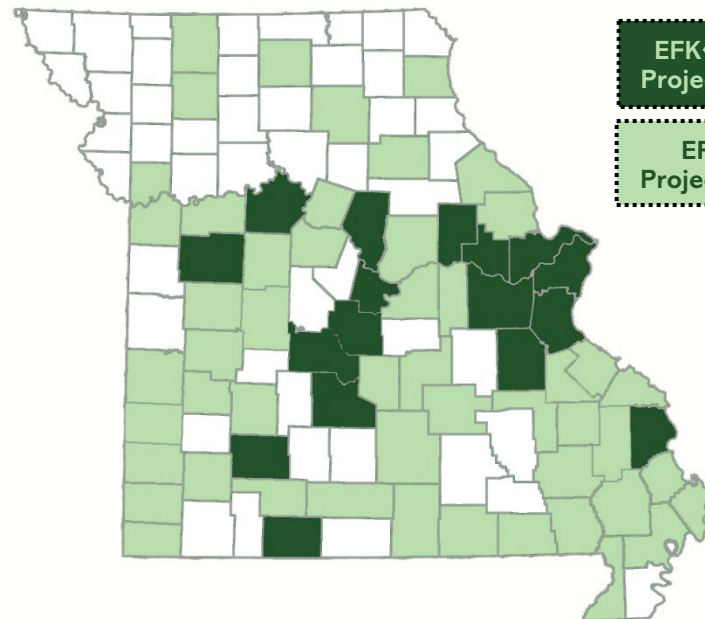
Derek Koestel, PE
 Project Manager - Roadway
 28 years of experience
dkoestel@efkmoen.com
 314-394-3141



Ted Medler, PE, SE
 Project Manager - Roadway
 40 years of experience
tmedler@efkmoen.com
 314-394-3150

EFK•Moen Professional Credentials	
Professional Engineers (PE)	29
Professional Surveyors	4
Eng & Surveying Techs	8
Field Crews	5
EIT's	10
Structural Engineers	4
PTOE	2
LEED Accredited	1
Administrative	5

EFK•Moen regularly works on multiple federally funded LPA projects, allowing our project managers and engineers to stay up to date on the latest rules and policies.



EFK•Moen LPA Project Locations

EFK•Moen Project Locations

LOCAL OFFICES

ST. LOUIS, MO

13523 Barrett Parkway Dr., Suite 250
 St. Louis, MO 63021
 314-394-3100

ST. CHARLES, MO

2536 South Old Highway 94, Suite 226
 St. Charles, MO 63303
 314-394-3100