



**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

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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**

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 design LPA projects, and that are experienced with the MoDOT LPA process to be efficient with the plan production 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 Traffic Engineering 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 in this way. We have the traffic and roadway engineering experience to deliver quality projects within their schedule and budget. EFK•Moen has provided roadway and traffic engineering design services on interstates, freeways, expressways, multi-lane urban, two-lane rural, and local road projects since 1998, and our professional engineers have earned the confidence of MoDOT and municipal design staffs across Missouri. EFK•Moen has provided traffic engineering design services on federally funded projects to local agencies and MoDOT as a prime consultant, as a valued sub-consultant with other design firms, and through the MoDOT MOU on-call process. 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 designs 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 traffic engineering design clients include the City of O'Fallon, St. Charles, Springfield, Maryland Heights, St. Charles County, St. Louis County, and Jefferson County. EFK•Moen's roadway, traffic, structures, and survey staff members work closely with our LPA clients to ensure these projects proceed efficiently and accurately while adhering to the project schedules.

We are dedicated to providing the same experienced group of engineers and support staff on these on-call agreements that have 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 design assignment.
- Once EFK•Moen is selected, a kickoff meeting will be scheduled to outline the project scope, schedule, and budget.
- EFK•Moen will conduct a field visit at the project site, field observations will be noted, project data will be collected, and photos 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.
- Upon notice-to-proceed, EFK•Moen will design the project, continuously looking for design ideas and constructability methods that will create value and stay within the budget.
- Our staff is experienced with delivering plans according to MoDOT's LPA plan submittal process, and we are familiar with the MoDOT plan review staff to expedite final document reviews.
- EFK•Moen's staff is committed to being available during construction to answer questions and assist as needed.
- After the project is completed, we appreciate feedback from MoDOT and the local agency on how we can work more efficiently with your staff.



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

**Past Performance:**

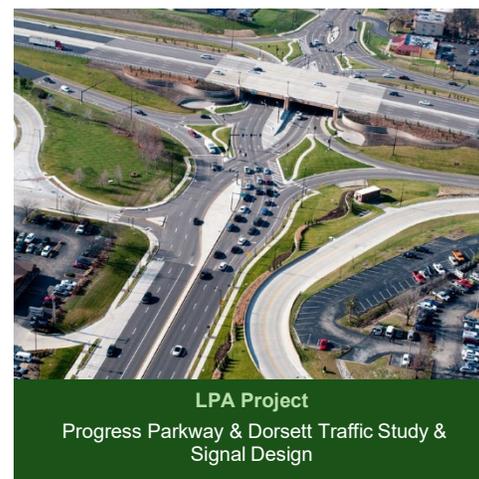
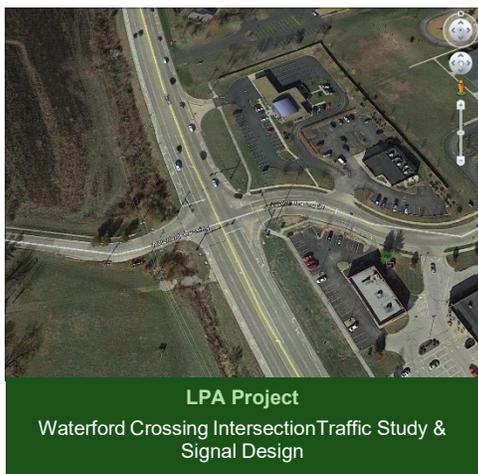
EFK•Moen is a design firm that has been regularly selected as a prime consultant on a variety of municipal LPA roadway, traffic, and bridge engineering projects. This experience gives our firm the necessary tools to deliver LPA on-call assignments successfully, in a cost-effective manner, to enhance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

- Demonstrated ability to successfully deliver challenging design documents on time and within budget
- Proven ability to coordinate with the client and project stakeholders in developing acceptable project solutions
- Expertise in implementing and streamlining all facets of document production
- Established track record in exceeding clients' expectations when delivering design projects

Another very important addition to our past design 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.

**Recent LPA Traffic Engineering Experience**

Client/Road/Description	Intersection Safety Analysis	Traffic Engineering	Pavement Markings	Signals	Signing	PS&E
O'Fallon, I-70 & Outer Road, Roadway & Interchange Modifications	✓	✓	✓	✓	✓	✓
O'Fallon, Waterford Crossing, Intersection Modifications	✓	✓	✓	✓	✓	✓
Maryland Heights, Progress Parkway, Relocation. & Reconstruction	✓	✓	✓	✓	✓	✓
Springfield, Rte. 60 & National, Interchange Reconstruction	✓	✓	✓	✓	✓	✓
St. Charles County, McClay Road, 1 Mile Reconstruction	✓	✓	✓	✓	✓	✓



**Qualifications of Key Personnel:**

Our staff has designed many types of LPA roadway and traffic engineering projects involving intersection safety studies, traffic studies, intersection geometrics, design, ADA-compliant intersections & sidewalks, traffic signals, signing, & lighting. This familiarity/knowledge of the MoDOT LPA design processes will provide the local agency and MoDOT staff with a secure feeling of partnership in developing and providing not only a successful design project, but also a proven track record in implementing and delivering innovative designs.

EFK•Moen Key Staff	Project Role	Years of Exp.
Margaret Bruns, PE	Roadway/Traffic Manager	21
PJ Kronlage, PE	QC/QA Manager	42
Linda Moen, PE, PTOE	Traffic Manager	41
Mark Huebbe, PE, PTOE, RSP1	Traffic Engineer	23
Lori Swank, EIT	Roadway Engineer	26
Jennifer Archibald	Project Technician	28
Derek Koestel, PE	Project Manager	28

All these staff members have been responsible for the successful delivery of EFK♦Moen's LPA assignments. These managers, along with a staff of engineers and technicians, will be dedicated to all on-call 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.



**Roadway/Traffic Manager, Margaret Bruns, PE**, has over 21 years of experience in the transportation field of civil engineering. She worked the majority of that time in the public sector performing roadway design, traffic management, and construction oversight on a variety of projects. During her tenure, Margaret designed and managed a variety of roadway design projects, varying from local two-lane streets to multi-lane interstate freeways.



**Traffic Engineering Manager, Linda Moen, PE, PTOE**, has over 41 years of experience in the field of transportation engineering, beginning her career with 13 years at the Missouri Department of Transportation in both design and operations. During her years in transportation design, she has engineered many aspects of a highway system, including roadway alignment and geometrics, earthwork calculations and staging, drainage systems, lighting, traffic studies, traffic signals, signing layouts, retaining walls, and maintenance of traffic plans.



**Traffic Engineer, Mark Huebbe, PE, PTOE, RSP1** has over 23 years of project management and design experience on LPA roadway and traffic assignments for EFK♦Moen. Mark is well-versed in many facets of traffic engineering, including traffic signal design, intersection design, ADA compliance, lighting, signing, and traffic modeling & simulations.



**Project Manager, Derek Koestel, PE**, has more than 28 years of expertise in municipal and transportation engineering. Derek had worked for much of his career for an LPA and has served as the Person of Responsible Charge on numerous projects. His experience spans roadway projects from subdivision streets to interstate highways, along with stormwater management, ADA compliance, land development, and public works operations. Derek's background in operations and maintenance allows him to approach design with a practical, results-driven perspective, ensuring efficient and sustainable solutions.



**Roadway Engineer, Lori Swank, EIT**, has over 26 years of experience in the civil/transportation engineering field, working for private consulting engineering firms and a municipal agency. Lori is proficient in several computer design programs, including MicroStation, Geopak, AutoCAD, Hydra, and Esri. At EFK♦Moen, Lori has had experience in various roadway project aspects, including surveying, roadway design, and drainage design.



**Project Technician, Jennifer Archibald**, has over 28 years of experience on engineering projects for EFK♦Moen in the roadway and structural departments. During this time, Jennifer has worked with every aspect of plan production, including signals, signing, lighting, pavement marking, erosion control plans, traffic control plans, and ITS plans. Jennifer is experienced in the use of MicroStation, AutoCAD, and Geopak SS2 and SS4.

**Familiarity/Capability:** EFK♦Moen has been providing on-call traffic services in several MoDOT districts for years and has been selected in the past for the LPA on-call assignments as well. EFK♦Moen has the experience to address a wide variety of design requests to assist local agencies with professional services across the state, with lighting, signing, traffic signal design, traffic studies, and modeling. We encourage you to contact the clients listed previously as to 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 flexibility of the selected design firm to be ready to react when called upon. EFK♦Moen is responsive to our clients, knowing that paying particular attention to this is extremely important for the on-call work orders as the schedules seem to be more immediate 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 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  
bwooten@efkmoen.com

# EFK♦Moen

## Civil Engineering Design

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

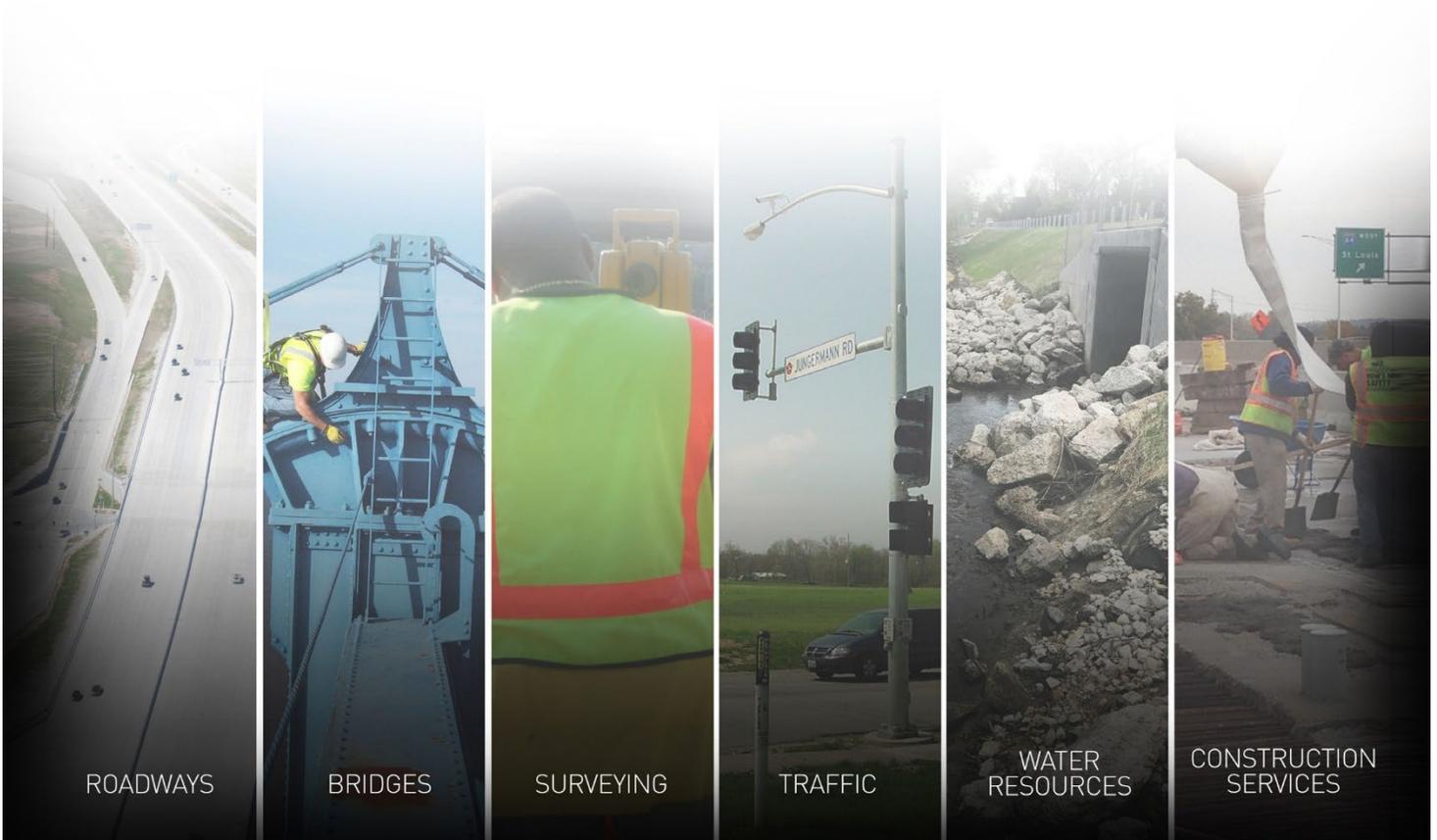
with an emphasis in transportation and bridge engineering and design.

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](http://www.efkmoen.com)



### 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



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



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



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



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



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



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



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



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



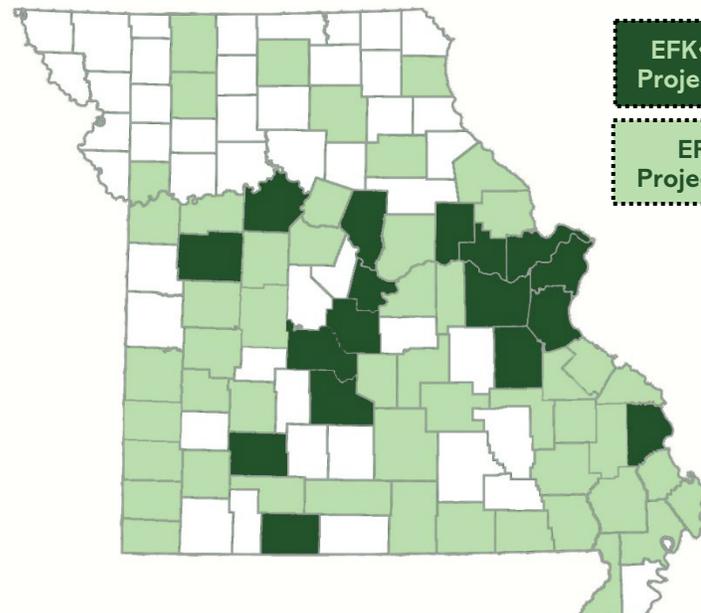
**Derek Koestel, PE**  
 Project Manager - Roadway  
 28 years of experience  
*dkoestel@efkmoen.com*  
 314-394-3141



**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