



**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:

Frontenac Engineering Group, Inc.

Firm Contact Name:

David Welton, PE

Contact Email  
Address:

davew@fe-stl.com

Firm's Mailing Address:

2725 Sutton Blvd.

St. Louis, MO 63143

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

Missouri Highway and Transportation Commission  
 Central Office  
 105 W. Capitol Avenue  
 Jefferson City, MO 65102

**RE: LETTER OF INTEREST FOR MISSOURI DEPARTMENT OF TRANSPORTATION ON-CALL PROFESSIONAL SERVICES RFQ FOR TRAILS AND SIDEWALKS**

1.0 **Prequalification:** Frontenac Engineering Group, Inc., is on the MoDOT Approved Vendor list. Our Pre-qualification expiration date is 04/09/2026.

2.0 **General Experience of Firm:** The Frontenac Team consists of sufficient experienced personnel, which will enable adequate staffing to successfully execute multiple, concurrent work orders. We will assemble each project team based on the individual team members’ technical capabilities and experience relative to the project scope. The Team’s registered professionals and computer aided support staff understand MoDOT guidelines and ADA compliancy issues relative to potential work orders civil and structural engineering, traffic structures, roadway design and surveying. Our Team members’ educational background and practical experience uniquely qualifies the entire staff for the proposed assignments.

We have experience engineering trails and pedestrian use facilities. Our bidding and construction phase services produce thorough and accountable bids, contracts, quality improvements, pay request processing, and project closeout.

Frontenac Engineering Group, Inc. (FEG) is committed to fostering, cultivating and preserving a culture of diversity and inclusion. All employees of FEG have a responsibility to always treat others with dignity and respect. We are committed to building communities we live in as well as our work community. Frontenac Engineering Group, has consciously worked to diversify our workplace. Women make up 31% of Frontenac Engineering’s staff while 30% of our staff comes from a diverse background.

**3.0 Past Performance**

Project	Services		
	General Civil –Structural Engineering	Trails & Sidewalks	Roadway Design
<b>Babler State Park</b>	X	X	X
<b>Johnson Shut-Ins State Park</b>	X	X	X
<b>Eureka Trail</b>	X	X	X
<b>City of Kirkwood—Kirkwood Train Station</b>	X		X
<b>Don Robinson State Park</b>	X	X	X

<b>USACE—Fort Leonard Wood</b>	X		
<b>Archdiocese of St. Louis - Rigali Center</b>	X	X	X
<b>State of Missouri - Washington State Park</b>	X	X	X
<b>Sunnen Business Park</b>	X	X	X
<b>Kirkwood School District</b>	X		X
<b>City of Maplewood - Street Projects</b>	X	X	X
<b>Nestle Purina Farms</b>	X	X	X
<b>St. Louis Zoo</b>	X	X	X
<b>World Bird Sanctuary</b>	X		X
<b>YMCA of the Ozarks</b>		X	X
			X

**St. Louis Zoo Wildcare Park** – Project consisted of General Civil and Structural Engineering and Land Surveying services for the new 420-acre WildCare Park. Our work started with a boundary survey and existing site and building condition assessment and moved into some preliminary site planning including future roads and trails. A new fence and entrances were designed, permitted and constructed.

**Don Robinson State Park** - Frontenac Engineering worked on the planning and design of 1.5 miles of new access road, 3700-foot long ADA trail, parking, restrooms, pavilions and shelters, and utility services for the development of new 840 acre State Park for the Missouri Department of Natural Resources.

4.0 **Qualifications of Personnel:** Our combined staff experience exceeds 150 years of engineering design and construction experience on a very wide variety of projects including LPA projects and MoDOT permit projects.

Name & Registration	Years Experience	Years with Firm	Location	Roadway Design	Trails & Sidewalks	Parking Lot Design
William K. Berthold, P.E., P.L.S.	37	32	St. Louis	√	√	√
Steven R. Miller, P.E.	33	25	St. Louis	√	√	√
Dave G. Welton, P.E.	20	13	St. Louis	√	√	√
Joshua J. Schmitz, S.E., P.E.	16	16	St. Louis	√	√	√
Aaron S. Odle, P.E.	16	16	St. Louis	√	√	√
Lauren Brueckmann, P.E.	12	10	St. Louis	√	√	
Brian Forsee, P.E.	6	6	St. Louis	√	√	
Ken Olson, P.L.S.	30	15	St. Louis	√		√

Mr. Miller has over 35 years’ experience as a Civil/Structural engineer, project manager, and inspector of public works projects. Projects ranging in scope from initial feasibility studies, road construction and widening, pavement condition analysis, new road design, drainage improvements, right-of-way and utility relocations. Mr. Miller has experience with local, regional, and national design standards. His project experience has included work as a consulting engineer for municipalities, schools, federal government and state agencies. Mr. Miller also has extensive experience as a field engineer and project manager on projects of all sizes including multi-million-dollar interstate Highway and Mass Transit projects.



Mr. Prasad, our CAD Manager, has over 25 years of drafting experience in the civil, structural, and survey fields. His experience ranges from setting up and organizing project sheets, designing parking lots, producing sewer profiles, sections, and details. Mr. Prasad assists our engineers with all projects and deadlines including final drawings and overall quality control. Mr. Prasad contributes to the development and implementation of company standards and best practices at Frontenac Engineering Group.



5.0 **Familiarity/Capability:** Frontenac Engineering has extensive experience working on contracts including government contracts, federal IDIQ contracts, private clients and municipalities. We have completed numerous MoDOT permit project during our 45 years in business. We understand that a prompt response to work orders and completing projects on-time and within budget is essential for success. We pride ourselves in honoring our commitments to our clients. Our firm has the capacity and experience to accomplish any MoDOT design project within the required time and budget.

6.0 **Accessibility:** Responsiveness is a top priority for Frontenac Engineering. In order to maintain the flexibility and time necessary to respond quickly to our client’s needs we maintain a margin of excess capacity as indicated by the following table.

Employee Category	Current Utilization	% Availability	Hour/Month Availability
Civil Engineers	75%	25%	160 hrs/month
Land Surveyors	75%	25%	120 hrs/month
Drafters	75%	25%	80 hrs/month
Structural Engineers	80%	20%	120 hrs/month

Frontenac Engineering empowers our clients by providing them with the most creative, durable, and cost-effective engineering solutions available to achieve their goals. The mission of Frontenac Engineering is to provide the best customer service and engineering solutions that positively impacts our communities. If selected for any of the LPA projects, we will work to eliminate surprises, accurately predict costs and deliver our work on schedule. We appreciate your interest in Frontenac Engineering and look forward to hearing from you.

Respectfully Yours,

David G. Welton, PE  
President



# TRAILS & SIDEWALKS

Frontenac Engineering Group, Inc.  
2725 Sutton Boulevard  
St. Louis, Missouri 63143  
314-644-2200 Phone  
www.fe-stl.com

## Types of Service

### CIVIL

- Site Analysis
- Site Development Design
- Roadway Design and Reconstruction
- Utility and Sewer Main Extension & Replacement
- Flood Plain Studies
- Feasibility Studies
- Zoning
- Permitting
- BMP Inspections
- Sustainable Design Practice (LEED)
- Contract Administration

### CONTRACT ADMINISTRATION

- Bidding
- Contract Preparation
- Project Coordination
- Inspection
- Testing
- Budget Management
- Funding Agency Requirements

### STRUCTURAL

- Structural Inspection & Evaluation
- Cost Estimation
- Project Management
- Seismic Rehabilitation
- Retrofitting and Code Compliance
- On-site Construction Troubleshooting
- Structural Analysis & Design
- Insurance Claims and Liability Assessment

## A Brief History

Frontenac Engineering Group provides comprehensive engineering services to the municipal, industrial, commercial and institutional building and land development markets; our focus is Civil and Structural Engineering and Land Surveying. Located in Maplewood, Missouri since 1992, our unparalleled accuracy and outstanding level of service enables our clients to execute their projects on time and on budget. We have extensive experience working with businesses, municipalities, institutions, and real estate developers.

Our staff devotes their personal attention to every client, and constant oversight ensures timely and precise results. Frontenac Engineering data acquisition, analysis, and engineering technologies are state-of-the-art; our experienced 20 person staff is dedicated to all aspects of our clients' development needs.

The mission of Frontenac Engineering is to provide the best customer service and engineering solutions that positively impacts our communities.

## Types of Projects

- Army / D.O.D.
- Commercial
- Hospitals
- Industrial
- Institutions
- Land Development
- Manufacturing
- Medical Offices
- Municipal
- Museums
- Parks
- Prisons
- Redevelopment
- Research Facilities
- Retail
- Roadway Design
- Schools and Colleges
- Sewers
- Sports
- Surveying



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ENGINEERING

## Related Projects

### Roxana Water District

Route Surveys

### City of Maplewood

Street Projects

### Sutton Avenue Lighting Project

Street Lighting

### Jefferson County Public Water District III

Water Main Extensions

### United States Postal Service

Mount Vernon, IL

St. Louis, MO

Chesterfield, MO

University City, MO

Columbia, IL

Park Hills, MO

### Manchester Avenue Reconstruction

Street Reconstruction

### Deer Creek Park Lighting Project

Park Lighting and

Electric Relocation



## Pedestrian Trails and Paths

Services: Land Planning  
Provided: ADA Design  
Civil Engineering  
Land Surveying  
Contract Administration  
Testing & Inspections  
Easements  
Construction Phase  
Services

Our firm engineers ADA accessible walking paths with unique characteristics to suit all types of terrain and usage demands. We have extensive experience working on high-traffic projects, such as the St. Louis Zoo Central Corridor, which accommodates over 1 million visitors each year. We understand how to incorporate all of the vital parameters of walking paths, including aesthetic appeal, user type, drainage, erosion control, bridges, and user safety.

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ENGINEERING

### **Client**

SWT Design

### **Project Name**

Eureka Trail

### **Location**

Eureka, Missouri

### **Date Completed**

Under Construction

### **Contact**

SWT—Scott Runde  
314-644-5700  
scottr@swtdesign.com

City of Eureka, Missy Myers  
636-938-6775  
mmyers@eureka.mo.us

### **Services Provided**

Civil Engineering  
Structural Engineering  
Land Surveying  
Stormwater  
Bridge Design  
MoDOT Coordination  
Municipal Coordination  
ADA Design



### Eureka Trail



Frontenac Engineering (FEG) was contracted by the lead consultant, SWT Design for engineering services. We provided the services listed to the left as well as civil—site-grading, storm water—hydraulics and hydrology, structural engineering for the bridge design, transportation—bike & pedestrian and utilities.

Although not the prime consultant, FEG still helped with the coordination with the City of Eureka, property owners, councilpersons, and MoDOT.

While achieving the goal of constructing a trail that connected the Timbers, Eureka's civic center to Kircher Park and the Flat Creek trail, part of a larger trail network, FEG worked around existing trees as much as possible.

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CIVIL + STRUCTURAL  
ENGINEERING

### Client

City of Olivette

### Project Name

City of Olivette Community  
Center and Parks Improve-  
ments

### Architect:

KAI Design

### Location

Olivette, Missouri

### Services Provided

ADA Design  
Civil Engineering  
Structural Engineering  
Land Surveying  
Contract Administration  
Construction Phase Services  
Stormwater Management



### City of Olivette Community Center and Parks Improvements



Frontenac Engineering served as the Civil and Structural Engineer for the new \$11 million Community Center at Warson Park. In addition, a new Maintenance Building, ADA path, playgrounds and splashpad were also designed and constructed in Warson Park.

As part of the Bond Issue, park improvements were also completed at the 4 other City Parks – Indian Meadows, Irv Zeid, Stacy Park and Villa Park. The improvements at these parks included a new pavilion, splashpads, ADA accessible walking paths, playgrounds, and parking lot renovations.