



**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 ROADWAY DESIGN

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.

On road projects we utilize traffic planning, sewer and utility surveys, rehabilitation pavement design, and construction planning to produce accurate and economical designs. 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. We embrace and encourage our employees’ differences in age, color, disability, ethnicity, family or marital status, gender identity or expression, language, national origin, physical and mental ability, political affiliation, race, religion, sexual orientation, socio-economic status, veteran status, and other characteristics that make our employees unique. 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	Roadway Design	Parking Lot Design
Babler State Park	X	X	X
Johnson Shut-Ins State Park	X	X	X
Eureka Trail	X	X	X

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

Saint 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.

Sunnen Drive Extension – Project consisted of extending 700’ of 4-land concrete roadway and ADA compliant sidewalks and design of new signalized intersection at Hanley Road in St. Louis, MO.

Eureka Trail - Project consisted of General Civil and Structural Engineering and Land Surveying, bridge design, MoDOT coordination, municipal coordination, ADA design. Additional services included site-grading, storm water—hydraulics and hydrology, structural engineering for the bridge design, transportation—bike & pedestrian and utilities.

- 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



ROADWAY DESIGN

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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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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



Road Work

Services Provided: Pavement Evaluation
Traffic Planning
Sewer & Utility Design
and Relocation
Pavement Design
Route Selection
Right-of-way
Land Surveying
Bidding & Construction
Phase Services

Our company designs, bids, and administers roadway construction and rehabilitation projects.

On road projects we utilize traffic planning, sewer and utility surveys, rehabilitation pavement design, and construction planning to produce accurate and economical designs. Our bidding and construction phase services produce thorough and accountable bids, contracts, roadway improvements, pay request processing, and project closeout.

In addition to our engineering abilities, we perform complete survey and design documentation to expedite the permit and review process. Our 25 years of experience working with regulatory and permitting agencies guides our projects to completion on-time and on-budget.

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Client

City of Maplewood

Project Name

Maplewood Streets

Location

Maplewood, Missouri

Date Completed

1994—Present

Contact

Mr. Anthony Traxler
Director of Public Works
(314) 646-3635

Services Provided

Civil Engineering
Land Surveying
Bidding
Construction Phase Services



Maplewood Street Projects



Frontenac Engineering provides daily construction engineering and inspection services for renovation of multiple city streets each year. Specific duties included review of all material and product submittals, daily material delivery tickets and material test results, maintenance of daily work log books, field measurement of work completed, daily inspection of curb removal and replacement, sidewalk and driveway removal and replacement, sewer inlet and manhole replacement and adjustment, pavement and pavement base removal and reconstruction, paving fabric installation, and right-of-way restoration, monthly review of pay applications and lien waivers, and final project closeout.

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Client

State of Missouri
Department of Natural Resources

Project Name

Johnson Shut-Ins State Park
New Cabins

Location

Middle Brook, Missouri

Date Completed

2023

Contact

Ms. Becky Mitchell
Missouri - Office of Admin

Specialties/Strength

Civil Engineering
ADA Design
Schematic Design
Stormwater Drainage System
Land Surveying
Construction Phase Services



Johnson Shut –Ins State Park - Full Service Cabins



Frontenac Engineering served as the lead design consultant for a project that added 6 new cabins to a previously underdeveloped portion of the park. We worked directly with the State Parks team to create a full design team to provide a single point of contact for the entire project. In addition to coordinating the entire team, we served as the Land Surveyor (through Pitzman's Company), Civil Engineer and Structural Engineer.

This unique project was near an environmentally sensitive area and required close coordination to avoid damaging this area. We also designed over 2,500 feet of new roadway and a separate utility corridor that extended over 3,500 linear feet. The cabins range from 2-4 bedrooms and each includes parking, picnic areas, utility connections.