



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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CIVIL + STRUCTURAL
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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CIVIL + STRUCTURAL
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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Client

City of Olivette

Project Name

City of Olivette Community Center and Parks Improvements

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.