



ROADWAY DESIGN

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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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.