



**FS** **FOUNDATION  
SPECIALTIES**  
GEOSTRUCTURAL CONSTRUCTION



[www.fsgeocon.com](http://www.fsgeocon.com)



# ABOUT FSGC



## Built on Expertise. Driven by Excellence.

Since 1989, Foundation Specialties Geostructural Construction (FSGC) has been partnering with engineers, owners, and general contractors to deliver innovative geostructural solutions, ensuring the stability and success of your projects. With decades of experience in specialty deep foundations, earth retention, and support of excavation, we've built a reputation for problem-solving, precision, and reliability.

At FSGC, excellence isn't just a goal—it's our standard. From concept through construction, we offer full-service support, seamlessly integrating at any project phase to deliver cost-effective, high-performance solutions that keep your projects moving forward. Our design-build approach, industry-leading expertise, and dedication to safety ensure that every project meets the highest quality standards, no matter the challenge.

***"We Do it Right, On-Time and Within Budget."***



## The Design-Build Process Starts Early

The design-build process begins early to ensure project success by identifying challenges upfront and implementing the most effective solutions. By addressing potential risks such as tight schedules, limited access, high design loads, and insufficient subsurface information, FSGC minimizes uncertainties and streamlines construction. This proactive approach not only enhances efficiency but also prevents future issues, delivering reliable and cost-effective geostructural solutions.



### INFORMATION GATHERING

- Site Access and Layout
- Foundation Plans/Details
- Design Loads
- Geotechnical Reports
- Project Specifications



### GEOSTRUCTURAL ENGINEERING

- Concept Development & Review
- Preliminary Design
- Final Design
- Stamped Drawings and Calculations



### PRE-CONSTRUCTION & CONSTRUCTION SERVICES

- Conceptual Budgeting
- Formal Pricing
- Installation
- QA/QC
- Testing/Verification

Affiliated Organizations:





# OUR SERVICES

**When your project demands a strong foundation, precision engineering, and innovative geotechnical solutions, Foundation Specialties Geotechnical Construction (FSGC) is the partner you need.**

As a trusted design-build contractor since 1989, we work alongside general contractors to deliver specialized deep foundation systems, earth retention solutions, and ground improvement techniques. Our expertise will ensure you get reliable, cost-effective solutions that meet the highest safety and performance standards.

## Specialty Deep Foundations

Design and construction using micropiles, helical piles, and ductile iron pipe piles to support structures in challenging soil conditions.

- Micropiles
- Helical Piles
- Ductile Iron Pipe Piles



## Ground and Rock Anchors

Installation of post-tensioned anchors to resist uplift loads and prevent structural overturning.

- Ground Anchors
- Rock Anchors



## Structural Underpinning

Foundation repair and enhancement to increase load capacity of existing foundations using micropiles, helical piles, and resistance piles.

- Micropiles
- Helical Piles
- Steel Piles



## Anchored Earth Retention/Support of Excavation (SOE)

Solutions like soil nails and tiebacks to stabilize soil and rock masses during excavation.

- Soil Nails
- Tiebacks
- Soldier and Sheet Pile Walls
- Retaining Walls



## Ground Improvement

Techniques such as rigid inclusions to enhance soil bearing capacity and reduce settlement.

- Rigid Inclusions





# SERVICE HIGHLIGHTS

## INDUSTRIES WE SUPPORT

FSGC provides specialized foundation and geotechnical solutions for a wide range of industries.



### Infrastructure

From highways and bridges to tunnels and utilities, infrastructure projects demand reliable foundation solutions that withstand heavy loads and environmental conditions. We work with general contractors to deliver deep foundation systems, ground anchors, and soil stabilization techniques that support long-lasting public and private infrastructure.



### Commercial

The success of commercial developments depends on solid ground support. Whether constructing office buildings, retail centers, or mixed-use developments, we provide cost-effective foundation solutions that mitigate soil challenges, reduce settlement risks, and enhance structural integrity.

### Institutional

Schools, hospitals, government buildings, and other institutional facilities require durable foundation systems to support long-term operations. Our team specializes in providing geotechnical solutions that ensure safety, efficiency, and compliance with regulatory standards.



### Industrial

Industrial facilities, including manufacturing plants, warehouses, and energy projects, often require specialized foundation solutions to support heavy machinery, equipment loads, and dynamic operational conditions. Our deep foundation and ground improvement techniques help stabilize these complex structures, ensuring they perform reliably for years to come.



### Municipal

Public works projects, including water and wastewater treatment plants, pump stations, and municipal buildings, require expert foundation engineering to ensure long-term stability. We collaborate with municipalities and contractors to deliver solutions that address soil challenges, prevent settlement, and meet the unique demands of municipal infrastructure.






# **FS FOUNDATION SPECIALTIES**

## **GEOSTRUCTURAL CONSTRUCTION**

### **Why Choose FSGC?**

- Design-Build Expertise
- Proven Performance & Reliability
- Innovative, Cost-Effective Solutions
- Safety & Quality First Mentality
- A Partner You Can Count On

 [office@fsgeocon.com](mailto:office@fsgeocon.com)

 (479) 927-0364

 811 Hatcher Road,  
Springdale, AR 72764

Arkansas | Oklahoma | Missouri | Kansas | Tennessee  
Texas | Mississippi | Colorado | Nebraska

[\*\*www.fsgeocon.com\*\*](http://www.fsgeocon.com)

**f**  **in** 