Why GeoStructures?

Established in 1995, GeoStructures exists to challenge conventional solutions and provide customers with innovative solutions to their foundation and grade separation challenges. Solutions need to provide customers with value.

Anyone can bid your plans.... Real Value occurs by improving the plan, and providing a design that is easy to build, lowers cost, improves the schedule, and is accomplished with great customer service.

The GeoStructures Difference

Engineering Innovation — Experienced Geotechnical Engineers + Most Ground Improvement Tools = Customized Solutions that are optimized for your project site.

Outstanding Customer Service — Pre-Construction Options, Multiple Bid Alternatives, provided by a staff of experienced engineers and contractors that care about your project.

A Business Focus — Budgets, Schedules, LEED Requirements, MBE, DBE and SWAM Requirements, Safety and Risk Management, Subcontractor Coordination...a successful project is more than a subcontractor price...it is all about what you need!

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Ground Improvement Applications
Design/Build-One Source

Settlement and Uplift Control
- Office Buildings
- Industrial Warehouse Floor Slabs
- Brownfields Projects
- Power Plant Foundations
- MSE Walls and Embankment
- Concrete and Steel Tank Stadiums

"Original Geopier®" Drill and Fill Technology for Tough Fill and Non-Caving Soils

Geopier Impact® Pier Displacement Technology
- High Ground Water Table
- Caving Soils
- Contaminated Soils
- Liquefaction Mitigation

Geopier Rigid Inclusions
- Weak Soils and Very Heavy Loads
- Peat and Organic Layers
- Footings Adjacent to Utilities or Other Buildings

Full Displacement Columns
- Deep Soft Soils
- Vibration Sensitive Structures

Rapid Impact Compaction
- Lightly Loaded Structures and Floor Slabs
- Replaces Surcharge or Over-Excavation

Foundation Support & Structures Applications
Design/Build-One Source

Precast Concrete and Steel
- Heavy Loads and Deep Soft Soil Profiles
- Stress Influence from Adjacent Buildings
- High Lateral and Uplift Loads

Ductile Iron Pipe Piles
- Adjacent Buildings or Utilities
- Minimal Vibration
- Tight Urban Sites

Microtunneling
- Combined Sewer Overflow Tunnels
- Utility Crossings under Highways and Rail Corridors
- Oil and Gas Pipelines
- Water Supply Networks

Diaphragm Walls
- Cutoff Walls for Dams and Levees
- Excavation Support for Tunnels
- Excavation Support for New Building Construction
- Barriers for Groundwater Flow at Contaminated Site

Retaining Walls & Sound Walls
- Transportation Grade Separations
- Bridge Abutments and Embankments
- Noise Barriers

Concrete Arches & Bridges
- Transportation Grade Separations
- Replacing Bridges