Proactive by Design.

Our Company Commitment.
GZA is proactive by design. With a 50-year track record of underground engineering excellence, we provide engineering analyses and design services for foundations, tunnels, dams, buried utilities, marine facilities, highways, railroads, site development and temporary underground structures. Originally founded as a soils and foundations specialty consultant, GZA has grown to provide environmental, ecological, water and construction management services in addition to maintaining excellence for providing geotechnical solutions. By integrating these additional disciplines, we create a unique combination of engineering expertise, innovation, sensitivity to client needs, and responsiveness tailored to the specific permitting, structural or construction issues associated with each project. When you’re looking for a solution in the built environment, look to the leader in innovation and technical excellence: GZA.
GZA is nationally recognized for a diverse range of geotechnical, environmental, hazardous materials management, water and marine engineering services that we provide for our nation’s infrastructure and the building industry. Analysis and design services for various types of new and renovated infrastructure projects include:

- Bridges, highways and railroads
- Marine and waterfront facilities
- Tunnels (including tunnel inspections)
- Buildings
- Utilities/transmission structures/substations
- Nuclear power plants
- Airports
- Dams and water resource projects

GZA is dedicated to providing outstanding client service and the best technical solutions in our industry. Our strong technical expertise, knowledgeable staff, integrated project management capabilities, and superior communication provide a proven model for success. For innovative, practical solutions to above and below ground challenges, choose a firm that has been committed to satisfying the needs of its clients for more than half a century.

Choose GZA.

Geotechnical Services

- Subsurface Investigation, Underground and Rock Slope Characterization
- Shallow and Deep Foundation Evaluation and Design
- Design and Construction of Tunnels for Railroads, Highways and Utilities
- Ground Improvement Techniques
- Underpinning
- Earth Support Systems and Cofferdam Design
- Temporary and Permanent Dewatering System Design
- Rock Slope Assessment and Rockfall Control Design and Construction
- Soil Slope Stability Assessment and Stabilization Design
- Assessment and Mitigation of Embankment and Foundation Settlement
- Soft Ground Design and Construction
- Liquefaction Mitigation
- Seismic Site Characterization and Risk Mitigation
- Blasting and Vibration Control
- Landfill Design, Construction and Operation
- Geotechnical Instrumentation Installation and Monitoring
- Static, Dynamic and Non-Destructive Integrity Pile Testing
- Osterberg Cell and Static Load Testing for Drilled Shafts
- Cross-Hole Sonic Logging and Thermal Integrity Profiling for Drilled Shafts
- Soil/Rock Anchor and Tieback Design and Testing
- Rating and Load Testing Existing Foundations
- Geothermal Investigation, Design and Construction
- Soil and Foundation Data, Engineering and Baseline Reports
- Risk Register Preparation

We are Proactive by Design. We are One Company. We are GZA.
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Geotechnical
Environmental
Ecological
Water
Construction Management

www.gza.com