

Innovative Geotechnical Engineering Solutions

Levee rehabilitation



Most engineering projects are affected in some way by geotechnical factors such as topography, soils, geology, or groundwater. Gannett Fleming's geotechnical engineering staff includes more than 150 engineers, geologists, and hydrogeologists, many with advanced degrees in their specialty.

We provide solutions for foundations, underground construction, earth structures, groundwater resources, foundation rehabilitation, and marginal building sites. Our geotechnical engineers and geologists specialize in landslides, sinkholes, mine subsidence, seepage, expansive soils, and seismic activity.

Our geotechnical personnel are accustomed to working with other disciplines in a team effort to design projects. Whether working as part of an multidisciplinary in-house team, or directly with an outside client, we are involved with a project from conception through final design and construction. It is important to have this continuity so as the project develops, refinements can be made in the geotechnical designs to obtain optimum solutions.

One of the best examples of our industry innovation is IntelliGrout®. Developed by Gannett Fleming geotechnical engineers, this state-of-the-art technology has been used to grout foundations on some of the highest risk dams in the world.

Through our Quantum Geophysics Division, we specialize in surface and down-hole geophysical methods to identify subsurface conditions in support of engineering, environmental, and groundwater investigations.

We also have equipment for monitoring pile driving and inspecting drilled shafts. Our staff provides instruction and training through various subsurface investigation, pile driving, and drilled shaft inspection courses for National Highway Institute (NHI).



Geotechnical services for bridges and highways

Gannett Fleming has been providing quality, innovative engineering services since 1915 in the following specialized areas:

- Site evaluation
- Field testing and instrumentation
- Geophysical investigations
- Foundation design
- Ground modification
- Slope stability and seepage analysis
- Support of excavation and retaining walls
- Groundwater modeling
- Hydrogeology
- Risk and reliability.



Geophysical investigation and survey



Geotechnical inspection

800.233.1055

www.gannettfleming.com

**ISO 9001:2015
CERTIFIED**

Gannett Fleming is a global infrastructure firm that provides planning, design, technology, and construction management services for a diverse range of markets and disciplines.



Offices Worldwide

