

Geotechnical Services

Proven Experience & Technical Expertise

Florence & Hutcheson has been performing subsurface investigations and geotechnical engineering services for more than 40 years. With clients throughout the country, we are highly regarded for our technical expertise, thoroughness and reliability. Our geotechnical teams have encountered a diverse range of geologic settings and have experience with a wide variety of subsurface conditions. F&H has addressed complex problems including slide repair of embankment and cut slopes, bridge retrofit, ground improvement and rockfall protection.

Our technical expertise includes:

- Drilling & Sampling
- Laboratory Testing & Analysis
- Shallow Foundation Design
- Pile Analysis
- Drilled Shaft Analysis
- Slope Stability Analysis
- Settlement Analysis
- Pavement Design
- Retaining Wall Analysis
- Load & Resistance Factor Design (LRFD)



Our proprietary programs, on-site data analysis capability, and in-house laboratory facilities comprise essential testing services. F&H technicians are skilled and certified by AMRL and USACE, and perform testing and analysis in accordance with current AASHTO and ASTM procedures.

F&H maintains a fleet of subsurface drilling equipment and can mobilize geotechnical crews quickly, affording our clients time-efficient scheduling and other economies of scale. Our routine laboratory testing includes Atterberg limits, natural moisture content, unconfined compression, triaxial compression, one-dimensional consolidation, permeability and numerous other tests and analyses.

F&H experience includes Subsurface Investigations and Materials Testing for:

- Highway & Bridge Projects
- Industrial & Commercial Buildings
- Landfill Permitting & Design
- Earth Dams Analysis
- River Loadout Facilities



Florence & Hutcheson

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