

Geotechnical Investigations Construction Materials Engineering and Testing



Fugro has provided geotechnical and construction materials engineering, testing, and observation services for over 50 years throughout Texas and the United States. A leader in geotechnical engineering, Fugro is recognized for turning “state-of-the-art” into effective, applied practice.

Our qualified staff can address all aspects of geotechnical engineering and construction materials testing project needs.

Rather than being just a “test lab,” Fugro has created strong loyalties with its ability to be part of a team of professionals working together with owners, contractors, and designers to execute construction projects on time and on budget.

Geotechnical Engineering Services

- Foundation design studies
- Bearing capacity, mats, shallow, and deep foundations
- Embankments
- Slope protection, stability analysis, slope rehabilitation
- Earth retention structures
- Docks and wharves, bulkheads, coffer dams, sheet piles
- Fault studies
- Dynamically loaded foundations
- Review of plans and specifications
- Pile driveability studies
- Forensic studies (failure investigations) and expert testimony
- Instrumentation and performance monitoring
- Blast and vibration monitoring



Darrel K. Royal Memorial Stadium Renovations, Austin, Texas

Construction Materials Engineering and Testing Services

- Quality Assurance/Quality Control
- Testing, evaluation, and observation services for concrete, soils, asphalt, and other materials related to construction
- Moisture density relationships
- Field densities of soil
- Soil classification and soil stabilization procedures
- Lime stabilization of soils
- Superpave binder testing and mixture analysis
- Asphalt batch plant observations and field sampling
- Concrete and asphalt strength and quality

All tests are performed following ASTM, AASHTO, and ICBO. Most of our laboratories are accredited by A2LA and AASHTO.

Fugro remains on the leading edge of technology. The foundation of our success is being able to provide responsive service and innovative solutions to our clients.

- Austin TX
- Baton Rouge LA
- Beaumont TX
- Columbia MD
- Corpus Christi TX
- Dallas TX
- Fort Worth TX
- Houston TX
- Lake Charles LA
- Los Angeles CA
- New Orleans LA
- Pasadena TX
- Phoenix AZ
- San Antonio TX
- Waco TX