GeoTechnical Innovation, PLLC

GeoTechnical Innovation, PLLC (GTi). We are a Consulting Engineering firm specializing in Geotechnical Engineering, Construction Materials Testing, Engineering Management and Consulting, Laboratory Testing, Structural Inspections and IA/QA/QC Testing & Inspection of Vertical & Horizontal Construction. Collectively, the GeoTechnical Innovation, PLLC staff has over 40 years of direct experience in the Geotechnical Engineering, Environmental Consulting, Project Management, Testing & Inspection industries. Our valued members have been Senior Engineers, Project Managers and Chief Inspectors for a variety of high-profile transportation projects, throughout Southeastern Virginia, Maryland and Delaware.

Expertise

- Geotechnical Engineering, Deep Foundations Design & Testing
- Subsurface Exploration, Site Characterization & Roadway Pavement Design
- Construction Materials Testing & Structural Inspection Services
- Heavy Civil Construction (tunnels & highways) QC/QA Testing & Inspection
  - Environmental Consulting, Site Assessment & Remediation Planning
  - Accredited Geotechnical Soils Laboratory (Soils & Aggregates)
  - Pre-Construction Survey & Vibration (Seismic) Monitoring

Past Performance History

- Chesapeake Bay Bridge Tunnel Expansion – Engr. Design & Testing (Dragados)
- New Mid-Town Tunnel (Portsmouth-Norfolk)- Project Management - (ERC)
- NSU 5-Story Dormitory Buildings – Test Borings, Foundation Design (Hanover)
  - MTT & MLK Highway Extension - QA Inspections (M.J. Synergy)
- Old Dominion University New Education Bldg - Preconstruction Survey - (SBB)
- BAE Systems Pavement Repair – Test Borings & Pavement Study (HCEA)
- Norfolk State University Vehicular Improvements – Feasibility Study (Pennoni)
- PM for Craney Island OWWO - Instrumentation - (US Army Corps of Engineers)

Certifications

- Virginia DBE and State Certified SWaM (Certification No. 711874);
- SBA Certified 8(a) Geotechnical firm (DUNS No. 059272162)
- AASHTO accredited Lab (see AAP Directory of Accredited Labs)