



**EXPERIENCED.  
EXPEDIENT.  
EXACT.**

**WOMAN-OWNED  
ENGINEERING FIRM  
PROVIDING INNOVATIVE  
SOLUTIONS FOR  
OVER 25 YEARS.**



**GEOTECHNICAL  
ENVIRONMENTAL  
SOLID WASTE DESIGN  
GAS COLLECTION & CONTROL SYSTEMS  
ENERGY**

## **GDOT PREQUALIFICATIONS**

### **PROFESSIONAL CONSULTANT**

6.01a - Soil Surveys

6.04a - Laboratory Materials Testing

### **GEOTECHNICAL ENGINEERING**

**GEOTECHNICAL LABORATORY SERVICES**

**BUILDING INSPECTIONS**

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# GEOTECHNICAL SOLUTIONS



## Construction Materials Testing & Inspection Services

- Special Inspections
- Shallow and Deep Foundation Inspections
- Fresh Concrete Placement Monitoring, Sampling, and Testing
- Masonry Inspection and Testing
- Structural Steel, High-Strength Bolting, and Welding Testing & Inspection
- Pavement Testing & Inspection for Asphalt, Concrete, and RCC Pavement
- Floor Flatness Profiling



## Geotechnical Engineering Services

- Preliminary/Site Suitability Studies for Development and Subsurface Exploration
- Seepage and Slope Stability Analysis
- Data Acquisition and Analysis Using In-Situ Test Methods
- Pavement Analysis and Design
- Soil Laboratory Testing and Analysis
- Site-Specific Seismic Hazard Studies
- Forensic Failure Evaluations and Expert Witness Testimony
- Roadway Soil Surveys and Bridge Foundation Investigations
- Design of Mechanically-Stabilized Earth Systems
- Automated Instrumentation

## AASHTO-Certified Laboratory Services

- Standard Proctor
- Modified Proctor
- Sieve Analysis
- Atterberg Limits
- California Bearing Ratio
- Hydraulic Conductivity
- Consolidation
- Triaxial Compression
- Unconfined Compression
- Specific Gravity of Soils
- Permeability of Granular Soils
- Organic Content of Soils

