



WHY ENGAGE IES FOR GEOTECHNICAL ENGINEERING

Regional soil Knowledge

Northeast and Mid-Atlantic geology, groundwater conditions, and problematic soil types are familiar ground.

Direct access, Fast turnaround

Clients reach experienced engineers who provide analysis and a path forward without internal lag. Responsiveness is not a promise, it is how IES operates.

Turnkey if You need it

Structural, geotechnical, subsurface improvements, inspections, and laboratory services available from one team. Survey coordination handled when needed.

Value-oriented Solutions

Pragmatic foundation and remediation alternatives that reduce cost without compromising safety

Public sector Expertise

Extensive experience with and referrals by numerous municipal engineers and building code officials

Forensic and Retrofit capability

Sinkhole studies, GPR scanning, Phase I assessments, and corrective design for complex existing conditions





SERVICES OFFERED

Ingram Engineering Services delivers rigorous subsurface investigation, comprehensive geotechnical analysis, and innovative solutions for **foundations, retaining walls, pavements, site development, and stormwater management**. Our geotechnical practice integrates field exploration with in-house laboratory testing to produce site-specific recommendations. Each one is built around the most practical, constructible solution that meets technical and code requirements. We do not add complexity that does not serve the project. We serve **project managers, property owners, developers, civil engineers, contractors, and public-sector clients**.

Site Evaluation & Soil/Foundation Investigations

Test pits, borings, SPT, and DCP testing; due diligence through final design phases

Foundation & Settlement Investigations

Evaluation of cracking, settlement, and water intrusion with corrective recommendations

Retaining Walls

MSE, gravity, and cast-in-place concrete wall design with global stability analysis

Stormwater Management

Infiltration testing, BMP design support, and corrective action for failing facilities

Scour, Erosion and Flood Resilience

Analysis and mitigation for structures in flood-prone or coastal environments

Sinkhole, Karst and Carbonate Geology

GPR and non-destructive investigation of subsurface voids and unstable ground

Due Diligence, Forensic and Remediation

Phase I ESA per ASTM E1527, contamination screening, and foundation distress evaluation

Pavement and Slab Evaluations

Coring, in-situ CBR, and bearing capacity testing for existing and proposed surfaces

Deep Foundation Design

Piles, drilled shafts, caissons, micropiles, and helical piers

Environmental Sampling

Site condition identification to support due diligence and regulatory compliance