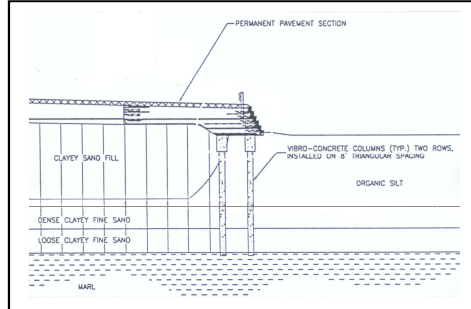




GEOTECHNICAL

Geotechnical Design & Analysis

- Bearing Capacity Evaluations
- Pile and Drilled Shaft Capacities
- Slope Stability
- Settlement Evaluations
- Temporary Shoring Design
- Pavement Design



Laboratory Testing

- Standard Proctor Density
- Modified Proctor Density
- California Bearing Ratio (CBR)
- Sieve Analysis
- Hydrometer Analysis
- Atterberg Limits
- Soil Specific Gravity
- Constant Head Permeability
- Falling Head Permeability
- Unconfined Compression
- Concrete Compression
- Specific Gravity of Asphalt Cores



Field Testing

- Soil Sampling
- Soil Density
- Soil Moisture (Speedy Moisture Device)
- Field CBR Tests
- Settlement Monitoring
- Proof-rolls
- Concrete Testing
- Molding of Concrete Cylinders
- Asphalt Testing
- Paving Inspections



Representative Projects List

First Assembly of God, Gastonia, NC
Chester Technical Center Road, Chester, SC
Myrtle-Moorehead Drainage Project, Charlotte
Tega Cay, SC 500,000 Gallon Water Tank
Surf City, NC Water Tanks, Pile Supported
Tega Cay, SC Bore Under Catawba River
York County Natural Gas Tank Foundation

