



Planning

- Capital Project Planning
- Powell Bill Mapping
- Sanitary Sewer Evaluation Surveys (SSES)
- Water/Wastewater Rehabilitations
- GIS Integration, Mapping & Database
- Management for Infrastructure Layers
- Water Modeling & System Analysis
- Web Accessible Project Database



Transportation Systems

- Street and Road Improvements
- Sidewalks and Greenways
- Roadway Utility Conflict Coordination & Resolution Design
- Annual Paving and Resurfacing Contracts
- Roadway and Hydraulic Design
- Construction Management



Grantsmanship & Funding Assistance

- Funding Agency Coordination and Application Assistance
- Davis-Bacon Compliance Reviews
- Engineering Reports and Environmental Impact Documents



Geomatics

- ALTA Surveys
- Boundary Surveys
- Route Location Surveys for Utilities and Roadways
- Easement Surveys
- Topographic Surveys
- Site Planning Surveys
- Subdivision Surveys
- Construction Surveys
- Wetland Boundaries
- Global Positioning Surveying (GPS)
- Municipal Boundary Adjustments
- Construction Staking
- Machine Control Surveying support for Utilities (gas, power, fiber, etc.)
- Surveying support for A/E firms



Water/Wastewater Facility & Infrastructure Design

- Water Distribution
- Wastewater Collection
- Large Diameter Pipeline
- Water / Wastewater Treatment
- Pumping Facilities
- Well Systems
- Reclaimed Systems
- Instrumentation, Control, SCADA
- System Rehabilitation (water/sewer/storm)
- Equalization and Storage Facilities



Subsurface Utility Engineering (SUE)

- All four levels per ASCE specifications
- Vacuum Excavation
- Utility Coordination
- Preliminary Review
- Utility Impact Statements
- Utility Relocation Recommendations and Owner Negotiations
- Construction Conflict Resolution
- Utility Relocation Plans



Hydrology / Stormwater

- Planning/Design/Compliance Stormwater
- Treatment Stormwater Management
- On-site Treatment System Inspections
- Water Quality Enhancement
- Flood Modeling and Routing
- Biocell and Constructive Wetlands
- Facilities FEMA Map Revisions



Construction Management

- Construction Contract Administration
- Resident Construction Representatives