



CIVIL ENGINEERING

- Site Civil Engineering and Site Planning
- Sanitary Sewer Design
- Storm Drainage Plans
- Storm Water Detention Plans
- Urban Community, Recreation & Business
- Water Systems Design
- Wetlands Studies
- Engineering & Cost Analysis
- Engineering Studies/Reports
- Residential Development
- Erosion Control Plans
- Flood Studies and Grading Plans
- Industrial and Commercial Design
- Quantity Takeoffs
- Railroad Design
- Roadway & Street Improvement Design
- Construction Administration and Inspection

SURVEYING

- As-Built Surveys
- Boundary & Lot Surveys
- Construction Layout
- Geodetic Surveys
- Hydrographic Surveys
- Industrial Stakeout
- Commercial Stakeout
- Mapping
- Monitoring Surveys
- Structural Surveys
- Route & Location Surveys
- Subdivision Design & Stakeout
- Topographical Surveys

LAND PLANNING

- Parks and Athletic Fields
- Greenways and Trails
- Streetscapes and Corridor Studies
- TEA 21 Enhancement Grant Proposals
- Amenity Centers for Residential Developments
- Single and Multi-family Developments
- Entrance Design
- Feasibility studies/Ordinance Analysis
- Re-zoning Support
- Conceptual Land Use Planning
- Planned Unit Developments
- Commercial Site Planning and Design
- Plaza and courtyard design
- Wetlands Restoration

TRAFFIC ENGINEERING

- Local, Regional & Multi-Jurisdictional
- Planning
- Traffic Impact Analysis
- Engineering & Design

GPS SURVEYING

- Horizontal & Vertical Control for Aerial
- Mapping
- Quality Control of Aerial Topography &
- LIDAR Data
- Wetlands Mapping
- Utility Inventories
- Construction Staking
- Control for Land Development

GEOTECHNICAL ENGINEERING

- Shallow & Deep Foundations
- Retaining Walls
- Earth & Rock Fill Dams
- Geosynthetics
- Soil Stabilization
- Forensic Studies
- Slope Stability
- Site & Subsurface Drainage
- Seismic Site Classification
- Material Source Evaluations
- Vibration/Seismic Response
- Pavement Design

SPECIAL INSPECTIONS & CMT

- Reinforced Masonry & Concrete Connections
- Welded & Bolted Steel
- Pile & Drilled Pier Foundations
- Segmental Block Retaining Walls
- Post-Tension Slabs and Beams
- Cold-Formed Metal Framing
- Prestressed Concrete
- Precast Concrete Erection
- Sprayed Fire-Resistant Materials
- EIFS
- Seismic Resistance of Mechanical Systems

ENVIRONMENTAL SERVICES

- Wetlands Delineation
- Environmental Assessments

CONSTRUCTION ADMINISTRATION

- Certifications

TESTIMONIALS

"Thank you and your company of wonderful associates for the good experience I recently had with your organization. I was kept informed all through the process and was never out of the loop. I would highly recommend CESI to anyone needing any of your services. Thanks for the great experience."

Jim Nance, President, Confederate Motors, Inc

"Recently, CESI assisted our company in developing an extended stay hotel in North Charleston, SC. The project was challenging because our site is located in an area without adequate public storm drainage system. CESI developed a sophisticated but affordable storm water management plan that avoided negative post-development impacts on the neighboring sites. Further, CESI did an outstanding job of working with the local and state authorities to gain their approval of the plan. Although CESI is our civil engineering firm, we consider them our partner in developing hotel properties."

Doug Stafford, Griffin Stafford, LLC

"I never hesitate to call CESI; They are always the first people I think of when I need something done."

Steve Talbert, Director of Retail Development
Bank of the Carolinas

"CESI has demonstrated their expertise on various Crescent projects. Crescent's schedules can be challenging and our projects are very high profile, so completion on time and within budget is paramount to our success. CESI has completed all projects with professional standards and ethics."

David Niekamp, Crescent Resources, LLC

CESI is a private consulting firm that specializes in providing timely, accurate and cost effective solutions for a variety of client needs. Established in 1978, CESI has developed a reputation for providing superior customer service from project conception to completion and we truly strive to exceed our clients' expectations.

DISCIPLINES INCLUDE

- Due Diligence Services
- Surveying
- Civil Engineering
- Land Planning
- Geotechnical Engineering
- Construction Materials Testing
- Transportation
- GPS Surveying
- Inspection Services
- Construction Administration
- Environmental Services
- GIS



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CESI

Land Development Services

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