



## ENGINEERING SERVICES

Engineering sustainable solutions for our clients and their communities

### Representative Projects

#### **College Football Hall of Fame**

— Geotechnical and Environmental Services  
*Atlanta, GA*

#### **Hartsfield-Jackson Atlanta International Airport (ATL) AirSide Architectural & Engineering Design Services**

— Airside Erosion Repair, Grassing and Drainage Improvements RAMP 19 – Pavement Replacement 9L End Around Taxiway  
*Atlanta, GA*

#### **Mobile Area Water & Sewer Services (MAWSS)**

— On-Call Engineering Design & Construction Management Services  
*Mobile, AL*

#### **Punta Gorda Airport**

— General Aviation Terminal – Pavement Design  
*Punta Gorda, FL*

### Services

- Construction material testing
- Geotechnical engineering NPDES and Erosion Control Consultation
- Land development consultation
- Land use planning
- Land surveying
- Quality control/Quality assurance
- Sewer collection system design
- Stormwater management consultation
- Water collection and distribution system design

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# Corporate Environmental Risk Management

## Highlighted Clients

Blending science and technology in the design and implementation of unique infrastructure projects



### City of Atlanta, Department of Watershed Management Atlanta, GA

Through its Water Supply Program, the City of Atlanta and the Department of Watershed Management seeks to increase the City's current 3-day water supply to a 30-day water supply for its citizens. As part of its Raw Water Supply Project, Phases I and II, Subsurface Exploration and Laboratory Testing Project, the City sought to pump and store water from the Chattahoochee River through a 5-mile tunnel to the Bellwood Quarry. **CERM** was awarded the scope of work that included drilling 9 deep boring for rock coring to depths between 300 and 500 feet below the ground surface. The drilling required the screening of the borehole top for potential hazards with a calibrated photo-ionization detector. Additionally, sub sequential fine particles from the drilling operation had to be screened and properly disposed. **CERM's** diligence ensures that the City will meet its 2030 goal of securing Atlanta's water future.

### Georgia Department of Transportation (GDOT) Atlanta, GA

**CERM** was privileged to support the City of Atlanta and the Department of Watershed Management once again by providing coordination of utility relocation on the Major Mobility Investment Program (I-285/SR 400 Program Management Services). **CERM** was responsible for the review of waterline relocation drawings for compliance with engineering best practices and City design standards. We also managed pipeline installation and provided technical consultation to the City in relation to water and sewer pipeline issues. **CERM** continues to distinguish itself as a GDOT certified DBE firm, in the provision of similar services to support GDOT's overall mission to deliver a transportation system focused on innovation, safety, sustainability and mobility.



### Georgia International Convention Center Atlanta, GA

**CERM's** practice of delivering sustainable solutions was instrumental in the construction of a mechanically stabilized earth retaining wall for the expansion of a stormwater pond at the Convention Center. **CERM** was met with a challenging situation in which a tall wall was needed to minimize the encroachment of the pond. **CERM** performed the subsurface exploration and geotechnical evaluation prior to the construction of the tall wall and provided construction materials testing and construction verification. **CERM's** innovative solution, attention to detail, and unique approach ensured minimal impact on the surrounding client property and community.

## Practice Areas

Program Management

Construction Management

Engineering Services

Survey and Mapping

Environmental Management

Remediation and Contracting