

## ENGINEERS



Paul G. Gurley, MECE, PE  
Associate Engineer

Mr. Gurley is an Associate Engineer for Structural Engineering at Bailey and Son Engineering Inc. He is responsible for the selection, analysis, design, and coordination of structural systems and has served as the Structural Engineer of Record for industrial and commercial projects in the public and private sector throughout the Carolinas, Georgia, and Virginia.

### PROJECT EXPERIENCE:

Mr. Gurley has over 26 years of structural design and project management experience including industrial, institutional, commercial, and educational projects. He is knowledgeable about building materials, engineering mechanics of materials, and construction sequencing and techniques. He holds a Master's Degree in Civil Engineering in the field of Structural Engineering and has five years experience in teaching Civil Engineering courses on the undergraduate and technical college level. Mr. Gurley has completed the general contractor's written examinations for buildings, water and sewer lines, and bridges.

Mr. Gurley's responsibilities include structural analysis, design and the supervision of designers to coordinate and ensure the timely preparation of bids and submittal packages for school projects, including both new construction and renovations to existing facilities. He has been the Lead Structural Engineer on more than \$750 million worth of primary and secondary school projects including 12 new high schools, career and technology centers and athletic facilities.

Mr. Gurley functioned as project lead Structural EOR for a \$35 million expansion at one of the world's largest manufacturers of polyester. The construction documents process included equipment handling systems, and structural components using Revit to prepare Building Information Modeling (BIM) models and drawings.

He has significant experience with the utility precast concrete industry. In particular, he has had the structural design responsibility for numerous large underground sanitary lift stations, separators, and vaults of various sizes for several municipalities in North and South Carolina. He has also had extensive experience with the structural design of RCP and the related structures for the storm and waste water conveyance as well as box culvert and pre-stressed culvert design for numerous NCDOT and SCDOT projects.

### EDUCATION:

Master of Engineering Degree in Civil Engineering  
1993  
Clemson University  
Clemson, SC

B.S. Civil Engineering,  
1992  
The Citadel  
Charleston, SC

### PROFESSIONAL REGISTRATION:

Professional Engineer

Georgia, North Carolina, South Carolina, Virginia

### PROFESSIONAL AFFILIATIONS:

- Investigative Engineers Association
- Structural Engineers Association of South Carolina

