



#### EDUCATION

- DePauw University
  - Bachelor of Arts, Physics, 1999
- Washington University in St. Louis
  - Bachelor of Science, Civil Engineering, 2001
  - Master of Science, Structural Engineering, 2002

#### PRACTICE AREAS

- Failure Investigation
- Parking Structures
- Repair and Rehabilitation Design
- Structural Analysis/Computer Modeling
- Structural Evaluation

#### REGISTRATIONS

- Professional Engineer in FL and GA

#### PROFESSIONAL AFFILIATIONS

- American Institute of Steel Construction
- Building Owners and Managers Association of Georgia
- Cold-Formed Steel Engineers Institute
- Structural Engineers Association of Georgia

#### CONTACT

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#### EXPERIENCE

Benjamin Clemons has completed numerous structural evaluations and analyses of existing structures. His work has included commercial, residential, and parking structures that have experienced distress due to natural disasters, deterioration, and construction defects. Mr. Clemons' experience also includes materials and components consisting of steel and wood framing and trusses; precast, post-tensioned and cast-in-place concrete; masonry walls and veneer; and light gauge metal framing.

Prior to joining WJE, Mr. Clemons served as a project engineer at an engineering design firm. He gained considerable experience in the design and construction of new low- and mid-rise commercial and residential buildings. Mr. Clemons was responsible for the construction document and administration phases of numerous building projects.

#### REPRESENTATIVE PROJECTS

##### Failure Investigation

- Atlanta Botanical Gardens Canopy Walkway - Atlanta, GA: Structural investigation of partially collapsed steel pedestrian bridge structure and temporary falsework
- Newk's Café - Panama City, FL: Structural investigation, repair design, and construction documents for a fire-damaged steel-framed building
- Residential Building - East Point, GA: Investigation of a fire-damaged wood-framed apartment building

##### Parking Structures

- Glenridge Highlands - Atlanta, GA: Condition assessment and repair documents for precast concrete double-tee beams
- Gulfport-Biloxi International Airport - Gulfport, MS: Condition survey, repair design, construction documents, and observations for a parking structure
- Knoxville City and County Building - Knoxville, TN: Investigation, acoustic monitoring, and repair of post-tensioned concrete parking structure

##### Repair and Rehabilitation Design

- Children's Harbor Lodge - Alexander City, AL: Structural analysis and repair design of a steel-framed canopy that partially collapsed during a tornado
- College Campus - GA: Structural analysis and repair design for partially collapsed steel-framed obstacle course
- Major Retail Store - St. Mary's, GA: Repair design and construction documents for building foundation distress due to a broken water main underneath the building
- State Farm - Alpharetta, GA: Repair design and construction observations for cracked double-tee stems
- Trinity Episcopal Church - Mobile, AL: Structural evaluation, analysis and repair design of historic wood roof trusses and columns damaged by a tornado

##### Structural Evaluation

- Church of the Holy Cross - Sumter, SC: Investigation of alleged termite damage to historic wood roof trusses
- Gressette Building - Columbia, SC: Investigation of six-story office building for excessive deflection of post-tensioned concrete slabs
- Major Retail Chain - Nationwide: Evaluation and structural analysis of welds for open-web steel joists
- Pavilion at King's Grant Shopping Center - Concord, NC: Investigation of concrete slab-on-grade settlement and construction documents
- The Bartram - Gainesville, FL: Investigation of preengineered wood roof trusses, connections and plywood shear walls