



PERSONNEL QUALIFICATIONS

Benjamin P. Clemons | Associate Principal



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

REGISTRATIONS

- Professional Engineer in IN, GA, FL, and TN
- Structural Engineer in GA

PRACTICE AREAS

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

PROFESSIONAL AFFILIATIONS

- American Institute of Steel Construction
- American Society of Civil Engineers
- Building Owners and Managers Association of Indianapolis
- Cold-Formed Steel Engineers Institute

CONTACT

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EXPERIENCE

Since joining WJE in 2008, Benjamin Clemons has worked on a variety of projects, including structural evaluations and analyses of both new and historic 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 a structural 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

Condition Assessment

- Bermuda Dunes - Orlando, FL: Condition assessment for alleged structural deficiencies and litigation support
- City of Dayton - Dayton, OH: Condition assessment of more than seventy buildings for tornado damage
- Indiana University, Jordan Hall - Bloomington: Historic limestone facade, greenhouse, and roofing assessment

Failure Investigation

- Assumption Church - Nashville, TN: Structural investigation of historic wood roof framing damaged by a tornado
- Atlanta Botanical Gardens Canopy Walkway - GA: Structural investigation of partially collapsed steel pedestrian bridge structure and temporary falsework
- Best Brands, Inc. - Nashville, TN: Structural investigation of partially collapsed pre-engineered metal building damaged by a tornado
- College Campus - Atlanta, GA: Structural analysis and repair design for partially collapsed steel-framed obstacle course

Parking Structures

- 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
- St. Vincent Parking Garage - Indianapolis, IN: Structural condition assessment and repair recommendations

Repair and Rehabilitation Design

- Baggage Building - Nashville, TN: Historic limestone facade repairs and design of replacement gable wall and roof framing
- Children's Harbor Lodge - Alexander City, AL: Structural analysis and repair design of a steel-framed canopy that partially collapsed during a tornado
- Ford Motor Company Building - Indianapolis, IN: Historic facade assessment and repair design
- Indiana War Memorial - Indianapolis: Historic limestone facade and waterproofing evaluation and repair
- Plantation Park - Charlotte, NC: Investigation, water testing and repair design of damaged wood-framed balconies
- 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 - Various Locations, U.S.: Investigation of open-web, steel joist, welded connections
- The Bartram - Gainesville, FL: Investigation of pre-engineered wood roof trusses, connections, and plywood shear walls