



## Matt Buckner <sup>PE</sup>

### Director, Engineering

**Department**  
Engineering

**Tel:** (615) 815-5467

**Email:** matt.buckner@yaeservices.com

**Locations**  
Nashville, TN

## Biography

Matt first discovered an interest in architecture and building design when he lived overseas. Most weekends his family would travel and visit chateaus and other well-known structures. As the family relocated to the United States, Matt began working in the family business as a contractor. This provided him a basic understanding of construction and design principles. As a senior at Tennessee Technological University, Matt worked with Kiewit Southern during the rehabilitation of Interstate 75 through Atlanta. After graduation, Matt accepted a position with Cornerstone Engineering where he sharpened his structural design skills. Under the guidance of several Professional Engineers, Matt was also able to become a Professional Engineer. At Cornerstone Engineering, Matt designed structures, such as schools, city buildings, and large dwellings. For the past 10 years, Matt has been working as a consulting forensic engineer for insurance companies, attorneys, private companies, and individuals. Matt has assisted in the resolution of countless disputes and provided his clients with guidance throughout the investigative process. He is licensed in eighteen states and ready to assist.

## Education

- Tennessee Technological University | Cookeville, Tennessee  
Bachelor of Science - Civil & Environmental Engineering with Structural Emphasis

## Professional Experience

- 2023 - Current | Director, Engineering | YA Engineering Services
- 2021 - 2023 | Senior Managing Engineer | YA Engineering Services
- 2020 - 2021 | Senior Regional Supervisor | YA Engineering Services
- 2012 - 2020 | Nashville District Manager | Engineering Design & Testing, Corp.
- 2004 - 2012 | Vice President | Cornerstone Engineering, Inc.

## Areas of Practice

- ADA Compliance Assessment
- Building Code Upgrade Review
- Building Envelope
- Condition Assessment
- Damage Assessment
- Failure Analysis
- Litigation Support
- Plumbing Systems
- Repair and Rehabilitation Design
- Roofing
- Structural Analysis
- Water Leakage Testing and Analysis

## Representative Consulting Assignments

- **Fallen Communication Tower**  
Crossville, TN | Retained as expert to determine cause of 80-foot communication tower that fell during construction, resulting in fatality.
- **Rehabilitation of Schools for Monroe County School Board**  
Sweetwater, Tellico & Vonore, TN | Designed and retrofitted schools with new or updated classrooms, gymnasiums, and cafeterias.
- **University of Missouri Football Scoreboard**  
Columbia, MO | Designed all structural aspects of the freestanding 100-foot-tall by 120-foot-wide, steel framed video board anchored in concrete foundations.
- **Forklift Impact to Commercial Facility**  
Chattanooga, TN | Examine commercial warehouse for damage to main support beam and other structural support members from impact with forklift, resulting in roof collapse. Develop scope of damage for repairs.
- **Roof Collapse in Daycare Facility**  
Brentwood, TN | Retained as expert to evaluate cause of roof collapse as pertained to roofing contractor's completed operations.
- **New Residential Construction**  
Franklin, TN | Retained as expert to evaluate construction methods. Review drawings and plans; evaluate foundations, framing, interior finishes for cause of cracking and damage throughout residence. Develop scope of damage for repairs.
- **Post Hurricane – Storm Damage to Residential, Commercial and Healthcare Facilities**  
North Carolina | Structural evaluation of multiple residences, commercial facilities and nursing homes to confirm storm damage and determine the scope of damage after Hurricane Florence.
- **Addition of Pavilion to Single Family Dwelling**  
Thompson's Station, TN | Faulty workmanship dispute. Evaluation of construction methods. Scope of damage investigation and review of estimated cost to repair.
- **Liberty Bowl Memorial Stadium**  
Memphis, TN | Evaluation of exterior cladding of ticket towers at stadium. Determine cause of damage to stone veneer.
- **Le Bonheur Children's Hospital**  
Memphis, TN | Determine cause of damaged flooring in the hospital. The damaged flooring resulted from cracked lightweight concrete decking. Determine the cause of the cracks in the lightweight concrete decking.
- **Roof Collapse of Retail Store Under Construction**  
Portland, TN | Determine cause of multiple fallen roof trusses, resulting in injuries.

## Affiliations

- National Council of Examiners for Engineering and Surveying (#41716)
- American Society of Civil Engineers (ASCE)

## Credentials

- PE | Professional Engineer

## Licenses

- Alabama | 31354 | Professional Engineer

- Arizona | 51451 | Professional Engineer
- Arkansas | 14456 | Professional Engineer
- Colorado | PE0048035 | Professional Engineer
- Florida | 71780 | Professional Engineer
- Georgia | PE039724 | Professional Engineer
- Indiana | PE11200492 | Professional Engineer
- Kentucky | 28787 | Professional Engineer
- Louisiana | 35768 | Professional Engineer
- Mississippi | 20632 | Professional Engineer
- Missouri | 2013025018 | Professional Engineer
- New Jersey | 24GE04906700 | Professional Engineer
- North Carolina | 48138 | Professional Engineer
- Oklahoma | 24663 | Professional Engineer
- Pennsylvania | PE078328 | Professional Engineer
- South Carolina | 28336 | Professional Engineer
- Tennessee | 112499 | Professional Engineer
- Texas | 106774 | Professional Engineer

## Publications and Presentations

- Buckner, M., The Engineering Society of Buffalo, New York, Post-Fire Structural Evaluations, WNY Engineer, Issue 7, Volume 85