



Jason Roof

PE

Senior Managing Engineer

Department

Engineering Services

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Locations

Columbia, SC

Biography

Jason is a registered professional engineer and building inspector in the state of South Carolina with a strong background in; analysis, design, inspection, forensic investigation, and management of bridge and building projects.

Credentials

- PE | Professional Engineer

Representative Consulting Assignments

- Building Structure, Structural Forensics | Performed Over 500 Engineering Evaluations of Existing or Partially Constructed Residential, Commercial and Municipal Building Structures
- Bridge Structure, Structural Design | SC41 over Maidendown Swamp | Structural Analysis, Design and Plan Preparation of a Multi-Span Prestressed I-Beam Bridge
- Building Structure, Structural Design | Myrtle Beach, South Carolina | Structural Analysis, Design and Plan Preparation of a Steel-Framed Light Commercial Building
- Bridge Structure, Structural Design | S41 over Smith Swamp | Structural Analysis, Design and Plan Preparation for a Multi-Span Continuous Flat Reinforced Concrete Slab Bridge

Professional Experience

- 2024 - Current | Senior Managing Engineer | YA Engineering Services
- 2023 - 2024 | Senior Project Manager | YA Engineering Services
- 2021 - 2023 | Senior Associate | YA Engineering Services
- 2017 - 2021 | Consultant Engineer | Engineering Design and Testing Corp.
- 2015 - 2017 | Associate Engineer II | South Carolina Department of Transportation
- 2014 - 2015 | Associate Engineer II | South Carolina Department of Health and Environmental Control
- 2013 - 2014 | Structural Designer | Kyzer and Timmerman
- 2012 - 2013 | Structural Designer | Chao and Associates

Area of Practice

- Bridge Engineering
- Building Code Upgrade Review
- Building Envelope
- Condition Assessment
- Damage Assessment
- Litigation Support
- Repair and Rehabilitation Design
- Roofing
- Structural Analysis

Education

- University of South Carolina - Master of Engineering - Civil/Structural Engineering - Columbia - South Carolina
- University of South Carolina - Bachelors of Science - Civil Engineering - Columbia - South Carolina

Licenses

- 93855 - Florida - Professional Engineer
 - PE042195 - Georgia - Professional Engineer
 - 30088 - Kansas - Professional Engineer
 - 36622 - Kentucky - Professional Engineer
 - PE 46131 - Louisiana - Professional Engineer
 - 45473 - North Carolina - Professional Engineer
 - 32663 - South Carolina - Professional Engineer
 - 49027 - South Carolina - Residential Building Inspector
 - 124155 - Tennessee - Professional Engineer
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