



Jason Roof PE
Senior Project Manager

Department
Engineering

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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.

Education

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

Professional Experience

- 2023 - Current | 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

Areas of Practice

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

Representative Consulting Assignments

- Building Structure, Structural Forensics
Performed Over 300 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

Credentials

- PE | Professional Engineer

Licenses

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