

Jason Shelton, PE | District Engineering Principal

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Professional Summary:

Mr. Shelton is a licensed Professional Engineer in multiple jurisdictions throughout the United States. He has experience in forensic, structural, construction, civil, and geotechnical engineering for a broad range of project types in the State of Florida and beyond. Mr. Shelton has served as an expert witness on multiple files. Mr. Shelton also has experience in geotechnical investigation and structural evaluations for ground subsidence studies throughout Florida.

Mr. Shelton's project experience includes providing forensic structural consultant services for the evaluation and remediation of existing structures subjected to high winds and other weather events, vehicle and tree impacts, construction defects, and ground subsidence. Mr. Shelton also has experience in building code compliance, material/workmanship deficiencies, cause and origin evaluations, roof evaluations, trip and fall evaluations, and quality control inspections. Mr. Shelton serves on EFI's CAT response team.

Mr. Shelton's expertise includes:

- Structural Engineering
- Construction Engineering
- Civil Engineering
- Geotechnical Engineering

Licenses and Certifications:

Professional Engineer (Additional states available upon application):

Alabama, 32351-E

Florida, 68305

Georgia, 36331

Kentucky, 30002

Louisiana, 37513

Mississippi, 21151

North Carolina, 39903

South Carolina, 30226

Tennessee, 116150

Texas, 116690

Virginia, 0402053340

Oklahoma, 27140 (retired)

National Engineering Registration, NCEES, 17-141-05

Project Experience:

Commercial and Residential Forensic Evaluations: Mr. Shelton's experience consists of structural evaluations of residential and commercial buildings affected by storm events, water intrusion, material/workmanship deficiencies, construction defects, roofing evaluations, and vehicle and/or tree impacts. The types of services typically performed during these studies generally include coordinating with the homeowner, site reconnaissance/assessment, and reporting of findings. Mr. Shelton has performed these services for Insurance Companies, homeowners, homeowner associations, contractors, and attorneys.

Geotechnical Investigation & Evaluation for Ground Subsidence Studies (sinkhole): Mr. Shelton has performed geotechnical investigations and structural evaluations of existing structures throughout Florida. The types of services typically performed during these types of studies generally include coordinating with the homeowner, site reconnaissance/assessment, development and implementation of a subsurface exploration plan, evaluation of the results of the field exploration and formulation of recommendations based on the results of the field study. Mr. Shelton has performed these services for Insurance Companies and homeowners.

CAT/Storm Damage Evaluations: Mr. Shelton has performed storm damage evaluations for structures damages during hurricane, tornado, floods, wind, and hailstorm events. The types of services typically performed during these types of studies generally include coordinating with the homeowner, site reconnaissance/assessment, and the development of a remediation plan. Mr. Shelton has performed these services for Insurance Companies and contractors.

Expert Witness Testimony: Court Qualifications/Depositions/Testimony:

Mr. Shelton has extensive experience testifying as an expert witness in depositions and trials and has been accepted as an expert witness in numerous jurisdictions.

*List of Expert Witness Testimony Experience is Available Upon Request

Professional Experience:

EFI Global, District Engineering Principal (current title), 2015-present

Tierra, Inc., Senior Forensic Engineer, 2012-2015

PT&C, Senior Forensic Consultant, 2010-2012

ProNet Group, Inc., Project Engineer, 2009-2010

Diaz Pearson & Associates, Inc., Project Manager, 2006-2009

Burcaw & Associates, Inc., Senior Project Engineer, 2003-2006

Peter R. Brown Construction, Project Engineer, 2001-2003

Shelco, Inc., Assistant Project Manager, 1999-2001

Formal Education:

Bachelor of Science, Construction Engineering and Management, North Carolina State University, Raleigh, North Carolina, 1999

Specialized Education/Training:

Condition Evaluation of Existing Structures – Concrete and Steel, 2025
Condition Evaluation of Existing Structures – Masonry and Wood, 2025
Florida Advanced Building Code, 2024
Avoiding Problems in Masonry Construction, 2024
Design of Roof Structures, 2024
Investigation of Fire Damaged Framing, 2024
Masonry Design and Construction, 2024
Pier and Beam Foundations, 2024
Trip and Fall, 2024
Engineering Investigations of Hurricane Damage: Wind vs. Water, 2023
Learning from Failures of Wood Framed Structures, 2023
Residential Structural Design, 2023
Design of Heavy Duty Concrete Floor Slabs, 2022
Fundamentals of Wood Construction, 2022
Hurricane Mitigation: Summary Report on Building Performance, 2022
Diagnosis, Repair, and Restoration of Building Facades, 2021

Affiliations:

Member, American Society of Civil Engineers (ASCE)