

## Jeremy D. Weston, P.E. | Senior Forensic Engineer

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### Professional Summary:

Mr. Jeremy Weston is a licensed Professional Engineer in multiple jurisdictions throughout the United States. Mr. Weston has several years of experience in the engineering, construction, and transportation fields. Mr. Weston has performed numerous evaluations of bridges, culverts, and overhead signs. Mr. Weston has performed numerous evaluations of agricultural, commercial, industrial, and residential structures.

Mr. Weston's expertise includes:

- Building Envelope Assessments
- Construction Defects
- Fire and Smoke Damage
- Flood/Catastrophe Response
- Foundation Assessments
- Roof Assessments
- Storm-Related Structural Damage Assessments
- Tree and Vehicle Impact Structural Damage Assessments

### Licenses and Certifications:

Professional Engineer (Additional states available upon application):

Alabama, 35428

Florida, 79849

Georgia, 040171

Kentucky, 37124

Louisiana, 0040893

Minnesota, 55341

Mississippi, 2671

North Carolina, 046119

South Carolina, 32694

South Dakota, 16165

Tennessee, 111156

Texas, 121318

West Virginia, 25031

National Engineering Registration, NCEES, 12-930-12

### Project Experience:

The sample projects here outline a small sampling of the types of projects and losses Mr. Weston regularly investigates. For further information or additional examples, please contact EFI Global.

**Residential Property, Birmingham, Alabama**  
**Structural Damage Assessment and Repair Recommendations**

Evaluated residential structure to determine the extent of structural damage to the structure from a tree impact. Provided repair recommendations for observed structural damages.

**Commercial Property, Gadsden, Alabama**  
**Structural Damage Assessment and Repair Recommendations**

Evaluated commercial warehouse for the extent of structural damage to the structure for a forklift impact causing a section of the roof to collapse. Provided repair recommendations and sectioned off the warehouse to prevent access to damaged areas for safety precautions.

**Poultry Houses, Alabama, Georgia, Mississippi**  
**Structural Damage Assessments**

Evaluated poultry houses to determine the cause of loss, extent of damage, and reparability of the structures.

**Boat Dock, Livingston, Tennessee**  
**Structural Damage Assessment and Repair Recommendations**

Evaluated wood and steel docks for the cause of damage, extent of structural damage, and reparability of the docks. Provided repair recommendations and worked with a building consultant to provide repair plans and cost analysis.

**Residential Property, Dauphin Island, Alabama**  
**National Flood Insurance Program Investigation**

Evaluated structure to determine the extent of structural damage and the method of damage from a flood event. Provided repair recommendations for observed damage.

**Commercial Property, Katy, Texas**  
**Water Intrusion Assessment**

Evaluated structure to determine the source and cause of water intrusion. Reported on source, cause, and extent of damage from the water intrusion and biological growth.

**Commercial Property, Starkville, Mississippi**  
**Structural Damage Assessment**

Evaluated structure to determine the extent of structural damage due to vibration for nearby construction and blasting activities. Provided information on the source of damage, either from vibration or another source.

**Residential Structure, Nashville, Tennessee**  
**Crawlspace Moisture Assessment**

Evaluated structure to determine the source of crawlspace moisture issues and evaluated any damage to the foundation from the moisture issues.

### Project Experience (Continued):

#### **Residential Structure, Lakeville, Minnesota**

##### **Cause of Damage Assessment**

Evaluated structure for the cause of damage to the fiber-cement siding. Studied installation method and determined if it was properly installed per manufacturer's stipulations.

#### **Residential Structure, Benton, Kentucky**

##### **Structural Damage Assessment and Repair Recommendations**

Evaluated the structure for the extent of structural damage to the structure and evaluated the windows for cause and extent of damage from a nearby tornado. Provided repair recommendations for structure and windows.

#### **Residential Property Complex, New Orleans, Louisiana**

##### **Structural Damage Assessment and Repair Recommendations**

Evaluated multiple single-family structures for a property complex for the extent of damage from a recent hurricane. Provided repair recommendations for observed damages.

#### **Residential and Commercial Structures, Alabama, Georgia, Florida, Minnesota, Mississippi, Tennessee, and Texas**

##### **Roof Assessments**

Evaluated several structures for the cause of loss, the extent of damage, and repairability of roofs. Evaluated asbestos tiles, asphalt shingles, BUR, concrete tiles, EPDM, slate, thermoplastic membranes, and wood shakes.

### Professional Experience:

EFI Global, Senior Forensic Engineer, 2021-present

Donan Engineering, Forensic Engineer, 2015-2021

TN Department of Transportation, Transportation Project Supervisor, 2011-2015

TN Department of Transportation, Transportation Project Specialist, 2003-2010

Fleetguard, Product Placement Engineering Aide, 2003

Jackson Energy Authority, Gas Systems Engineering Co-op, 2002-2003

Fleetguard, Product Engineering Aide, 1997-2001

### Formal Education:

Master of Science, Civil Engineering, University of Tennessee, Knoxville, TN, 2014

Bachelor of Science, Civil and Environmental Engineering, Tennessee Technological University, Cookeville, TN, 2003

### Specialized Education/Training:

Lumber Stress Grades and Design Properties, 2025  
Introduction to Conservation Design, 2025  
Fall Protection in Construction, 2025  
Engineering Ethics – Case Studies in Theft Through Fraud, 2024  
Tornado Risks and Hazards in Southeastern USA, 2023  
Guidelines for Selecting Cool Roofs, 2023  
Preservation Standards for Historic Buildings, 2023  
Causes of Distress and Deterioration of Concrete, 2023  
Mechanical Properties of Wood, 2022  
ADA Standards for Accessible Design, 2022  
Standards for Professional Conduct for Civil Engineers, 2022  
EVS/R Advanced Roofing Certification, 2022  
Engineering Professionalism and Ethics, 2021  
Introduction to Low-Slope Roofing, 2021  
How to Use Moisture Meters in Forensic Engineering, 2021  
Roofing – Flexible Membrane Edge Design, 2021  
Residential Plumbing: An Introduction for Forensic Engineers, 2021  
Forensic Meteorology and Property Investigations, 2021  
Asbestos Awareness, 2021  
Decks, Stairs, Rails for Home Inspectors, 2020  
Stucco in Home Building for Home Inspectors, 2020  
Introduction to Concrete and Clay Roofing, 2020  
Investigating Damage to Slate Roofs, 2020  
Investigating Damages to Docks and Seawalls, 2020  
Structural Wind Damage, 2020  
Ethical Decision Making for Engineers, 2019  
Asbestos Safety Awareness, 2019  
An Introduction to Roofing Systems, 2019  
An Introduction to Identification and Classification of Soil and Rock, 2019  
Foundations in Expansive Soils, 2019  
Retaining Wall Design: Parts 1 and 2, 2019  
Introduction to Earthwork for Foundations, 2018  
Level I, “Authorized Person” Pitched Roof Rope Access Training, 2018



Bearing Capacity of Soils, 2017

PE Professionalism and Ethics, 2016

An Introduction to Helical Foundation Systems, 2016