

David W Mattson | Structural Engineer, PE

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Professional Summary:

Mr. Mattson has over 19 years of experience in the engineering and construction fields. He currently serves as a senior forensic engineer conducting roof and building envelope investigations, structural failure cause and origin determinations, foundation evaluations and repair methods. He has performed over 300 evaluations of commercial, industrial and residential structures.

- Flood Assessments
- Structural Engineering
- Roofing Services
- Building Envelope Assessments

Licenses and Certifications:

Professional Engineer, Tennessee, #113218

Professional Engineer, Kentucky, #35859

Professional Engineer, Alabama, #39090

Professional Engineer, Maryland, #51425

Professional Engineer, Virginia, 0402058308

Project Experience:

Multiple Clients, Nashville, TN, Christmas Day Bombing

Performed site investigations to collect evidence, reviewed weather data, and determine the cause and the extent of damage due to results from an explosion.

Multiple Clients, Alabama, Hurricane Sally

Performed site investigations to collect evidence, reviewed weather data, and determine the cause and the extent of damage due to results from storm forces, high winds, hydrostatic pressure and/or storm surge.

Multiple Clients, Alabama, Hurricane Zeta

Performed site investigations to collect evidence, reviewed weather data, and determine the cause and the extent of damage due to results from storm forces, high winds, hydrostatic pressure and/or storm surge.

Multiple Clients, Kentucky, 2020 Flooding

Performed site investigations to collect evidence, reviewed weather data, and determine the cause and the extent of damage due to results from storm forces, high winds, hydrostatic pressure and/or flooding.

Professional Experience:

EFI Global, Structural Engineer - present
W&O Construction, Operations Manager, 2015 – 2020
Kiewit Federal Group, Federal Project Executive, 2005 – 2015
SSOE, Inc, Structural Engineer, 2004 – 2005
Worley Parsons, Structural Engineer, 2004-2004

Specialized Education:

Aerial work platform and forklift Operator, 2018
OSHA 30 hours Safety, 2018
USACE Quality Construction Management Certification, 2015
ACI Concrete Construction Inspection, 2014
ACI Anchor Installation Inspection, 2013
AWS Certified Welding Inspection, 2012

Education:

Bachelor of Science in Civil and Environmental Engineering Discipline, Tennessee Technological University, Cookeville, TN 2004