



Steven Little

PE, MS

Senior Managing Engineer

Department

Engineering Services

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Locations

Chicago, IL

St. Louis, MO

Biography

Steven is a civil/structural engineer with specialized expertise in the design and assessment of building systems. He has over 18 years of experience including civil and structural engineering analysis, design, field investigation, and project management. Before entering the design world, Steven worked in materials testing and seismic analysis of high-rise steel structures. Steven has designed numerous highway bridges, mid-rise structures, residential properties, and temporary structures for construction. For the last 9 years, Steven has dedicated his practice to forensic engineering and the investigation and analysis of damage and failures to existing buildings and structures. Steven has extensive expertise in commercial, industrial, agricultural, municipal, educational, and residential building damage investigations, including on-site investigations after multiple tornado events, and Hurricanes Matthew, Michael, Harvey, Irma, Laura, etc. He has performed litigation support services including testimony at depositions, arbitration hearings, and trials. He has prepared and performed numerous continuing education presentations on various topics in forensic engineering, structural engineering, and building codes.

Credentials

- PE | Professional Engineer
- MS | Master of Science (MS) - Civil/Structural Engineering
- InterNACHI Certified Home Inspector

Representative Consulting Assignments

- Highway Bridge Structure | Chicago, IL | Structural Assessment, Vehicle Impact | Bridge was struck by a loaded semi, requiring an inspection, documentation of damage, and conceptual repairs.
- Multi-story Structure | Chicago, IL | Structural Assessment, Vehicle Impact | A multi-story residential structure was impacted by a vehicle, requiring an inspection, documentation of damage, and conceptual repairs to the steel and masonry structure
- Commercial Grain Elevator | Illinois | Structural Assessment, Collapse | Large bin structure collapsed, requiring an inspection, documentation of damage, determination of causation of damage, and conceptual repairs.
- Multiple Residences | Springfield, IL | Structural Assessment, Mine Subsidence | Multiple residences in the area have reported structural damage from mine subsidence, requiring an inspection, documentation of damage, causation of damage, and conceptual repairs
- Private Residence | Mahomet, IL | Structural Assessment, Fire | Residence sustained heavy structural damage from a fire, requiring an inspection, documentation of damage, and conceptual repairs
- Multi-story Hotel | Danville, IL | Structural Assessment, Tornado | Hotel was in the direct path of a tornado, causing wind-related damage to the roof and exterior, requiring a structural assessment of the roof structure prior to installation of a new roof

Professional Experience

- 2023 - Current | Senior Managing Engineer | YA Engineering Services
- 2015 - 2023 | Senior Forensic Engineer | DONAN
- 2013 - 2015 | Structural Engineering Manager | Union Iron Works
- 2010 - 2012 | Structural Staff Engineer | Hoelscher Engineering, P.C.
- 2008 - 2010 | Structural Staff Engineer | Blank, Wesselink, Cook & Associates
- 2007 - 2008 | Structural Staff Engineer | ARA
- 2005 - 2007 | Structural Staff Engineer | Chastain & Associates LLC

Education

- Southern Illinois University - Master of Science - Civil/Structural Engineering - Carbondale - Illinois
- Southern Illinois University - Bachelor of Science - Civil/Structural Engineering - Carbondale - Illinois
- Parkland College - Associate of Engineering Science - Civil Engineering - Champaign - Illinois

Training Courses

- Wind and Hail 101 - Presenter - FALSE
- Nature Vs. Structure: Wind/Storm Damage to Windows - Presenter - FALSE
- Structural Engineer vs. Forensic Engineer - Presenter - FALSE
- Understanding Building Codes and Property Damage - Presenter - FALSE
- Wood Deck Construction and Failure Methods - Presenter - FALSE

Licenses

- 62.066357 - Illinois - Professional Engineer
- PE11700010 - Indiana - Professional Engineer
- 33719 - South Carolina - Professional Engineer
- 81886 - Florida - Professional Engineer
- 128404 - Texas - Professional Engineer
- PE41118 - Louisiana - Professional Engineer
- PE.00051608 - Colorado - Professional Engineer
- 37679 - Kentucky - Professional Engineer
- 126629 - Tennessee - Professional Engineer