

**EDUCATION**

- Bachelor of Science, Mechanical Engineering, Baylor University, Waco, Texas, 2002

**BIOGRAPHY**

Mr. Beckner is the Director of Engineering Services at Roof Technical Services, Inc. and resides in Dallas, Texas. He earned a Bachelor of Science in Mechanical Engineering from Baylor University and is a licensed professional engineer in 11 states. Mr. Beckner has been working in the engineering field (initially as an Engineer-in-Training) since shortly after his graduation. He has been a licensed engineer since 2010 and has worked primarily as a forensic (investigative) engineer since 2012. He has investigated over a thousand engineering projects related to storm damage, moisture intrusion, construction defects, structural failures, building envelope, HVAC, plumbing, vehicular damages, foundation issues, and more. Mr. Beckner has been designated as an expert witness, provided expert reports and deposition testimony, participated in mediations, and worked as an appraiser for insurance claims. Mr. Beckner also spent time working for a manufacturer of engineered wood products, providing technical assistance to design professionals. In this role, he gained experience with building codes, acceptance criteria, manufacturing, and construction.

**CERTIFICATIONS AND AFFILIATIONS**

- Licensed Professional Engineer (PE) in the following states:
  - Texas, 2010, No. 105877
  - Oklahoma, 2011, No. 25331
  - New Mexico, 2012, No. 21213
  - Arkansas, 2012, No. 15219
  - Louisiana, 2012, No. PE.0037545
  - Colorado, 2012, No. PE.0046652
  - Missouri, 2013, No. 2013013365
  - Kansas, 2013, No. 23023
  - Nebraska, 2011, No. E-13947
  - Arizona, 2020, No. 71192
  - Mississippi, 2022, No. 33299
- Member – IIBEC
- Registered Roof Consultant (RRC®) through IIBEC
- Participating Member of ASTM International - Committee D08 on Roofing and Waterproofing
- NCEES Model Law Engineer and Record Holder

**EXPERIENCE**

- Performed over a thousand forensic engineering investigations for commercial, industrial, residential, educational, and church facility projects related to storm damage (hail, wind, tornado, hurricane, lightning, and flood), moisture intrusion, construction defects, structural failures, roof collapses, roof blow-offs, and building envelope failures.
  - Forensic investigations have included including the following types of roofs: asphalt composition shingles, concrete and clay tiles, wood shakes and shingles, aluminum shingles, fiber cement (and asbestos) shingles, slate, synthetic slate, stone-coated steel shingles, built-up roofing (BUR), modified-bitumen, thermoplastic polyolefin (TPO), polyvinyl

chloride (PVC), spray polyurethane foam (SPF), ethylene propylene diene terpolymer (EPDM), fluid-applied membranes, and metal panels (R-panels, standing seam, aluminum panels, copper, etc.).

- Designated as an expert witness and provided deposition testimony for cases including storm damage property claims, construction defect claims, and various other insurance claim issues.
- Served as an appraiser for clients when an appraisal clause has been invoked to settle an insurance payment dispute.
- Performed roof condition assessments (RCA) as part of due diligence for prospective buyers of commercial properties. These assessments included identifying potential roof installation issues, age-related deterioration, estimated remaining useful life (RUL), and providing capital needs expectations.
- Performed wind uplift calculations, roof drainage calculations, and sealed roof plan drawings/specifications for new projects.
- Prepared cost estimates for roof repairs/replacement.
- Performed roof moisture surveys including the use of infrared (IR) imaging.
- Inspected projects for applicable building code and energy code compliance.

**REPRESENTATIVE SAMPLE OF LITIGATION PROJECTS**

- *Corbin Stalcup and Mary Stalcup v. Safeco Insurance Company of Indiana*
  - Civil Action No. 6:2022cv00019
  - Mr. Beckner provided an Expert Report regarding reported storm damage and provided deposition testimony as an expert witness.
- *Christopher Irving v. Meridian Security Insurance Company, Kevin Wren, Coverica, Inc. and Rick Brewster*
  - Civil Action No. 4:21-cv-1341
  - Mr. Beckner provided an Expert Report regarding reported hail damage and provided deposition testimony as an expert witness.
- *Michael & Khristian Robinson v. State National Insurance Company*
  - Civil Action No. 4:21-cv-722
  - Mr. Beckner provided an Expert Report regarding reported hail damage and provided deposition testimony as an expert witness.
- *Glendale Manor Enterprises, LLC, et al. v. State National Insurance Company*
  - Civil Action No. 2:20-cv-01645
  - Mr. Beckner provided an Expert Report regarding reported wind and hail damage and provided deposition testimony as an expert witness.
- *Leo Parrish and Bridgett Parrish v. Meridian Security Insurance Company d/b/a State Auto*
  - Civil Action No. 4:21-cv-70
  - Mr. Beckner provided an Expert Report regarding reported wind and hail damage and provided deposition testimony as an expert witness.
- *James Wheeler v. Safeco Insurance Company of Indiana and Doug Lehr*
  - Civil Action No. 5:21-CV-00343-XR
  - Mr. Beckner provided an Expert Report regarding reported hail damage and provided deposition testimony as an expert witness.

- *Cole & Ashcroft, LP dba Shutters Plus v. State Automobile Mutual Insurance*
  - Civil Action No. 4:20-CV-03507
  - Mr. Beckner provided an Expert Report regarding reported hurricane damage and provided deposition testimony as an expert witness.
- *Dolores Sanders v. Auto Club Indemnity Corporation*
  - Cause No. DC-C202000010
  - Mr. Beckner provided an Expert Report regarding reported wind and hail damage and provided deposition testimony as an expert witness.
- *Villa de Leon Condo Owners Assoc. v. Skyline Forming North Texas et. al.*
  - Case No. 01-16004-2041
  - Mr. Beckner provided an expert report regarding a construction defect lawsuit and provided deposition testimony as an expert witness.
- *D.S. Patel. d/b/a Western Motel v. GuideOne Mutual Insurance Company and David Yount, II*
  - Cause No. DC-C201500452
  - Mr. Beckner provided an Expert Report regarding reported hail damage and provided deposition testimony as an expert witness.
- *Edgewood Independent School District - Roy Cisneros Elementary v. Kopplow Construction Company and Turner Roofing (3rd Party Respondent)*
  - Case No. 2017CI23773
  - Mr. Beckner provided an expert report regarding a construction defect lawsuit.
- *Camino Real Community Services v. P&W Architects, LLP d/b/a Phil Wilke Partnership; D. Wilson Construction Company; and Great American Insurance Company of New York, Mangold Roofing*
  - Case No. 01-18-001-8034
  - Mr. Beckner provided an expert report regarding a construction defect lawsuit.
- *William Devillier v. Travelers Home and Marine insurance Company*
  - Civil Action No.1:19-01372-REB-NRN
  - Mr. Beckner was designated as an expert regarding a storm-related roof damage insurance claim.
- *Greater Golden Gate Missionary Baptist Church v. D&G Quality Roofing, Don Weatherby, & Gaco Western, LLC*
  - Cause No. DC-18-17112
  - Mr. Beckner provided an expert report regarding a construction defect lawsuit.
- *Cause No. S-19-5829CV-A Cody Kreft and Michelle Kreft v. Certain Underwriters at Lloyd's, London, The Littleton Group and David Harrison Hardy*
  - Cause No. S-19-5829CV-A
  - Mr. Beckner was designated as an expert regarding a Hurricane Harvey-related roof damage insurance claim.
- *Couture Hotel Corporation v. Underwriters, et al*
  - Civil Action No. 3:19-cv-21
  - Mr. Beckner was designated as an expert regarding a storm-related roof damage insurance claim.

- *Carrizo Springs Independent School District - Carrizo Springs High School vs. Bartlett Cocke General Contractors, LLC and Claycomb Associates vs. Port Enterprises, Ltd. (3rd Party Respondent)*
  - Cause No. 18-02-13359-DCVAJA
  - Mr. Beckner provided an expert report regarding a construction defect lawsuit.
- *Carrizo Springs Independent School District - Carrizo Springs Junior High School vs. Bartlett Cocke General Contractors, LLC and Claycomb Associates vs. Port Enterprises, Ltd. (3rd Party Respondent))*
  - Cause No. 18-02-13361-DCVAJA
  - Mr. Beckner provided an expert report regarding a construction defect lawsuit.
- *RAH Enterprises, LLC v. Travelers Casualty Insurance Company of America*
  - Case No. 1:18-cv-1028
  - Mr. Beckner provided an expert report regarding a breach of contract, bad faith conduct, unreasonable delay, and unreasonable denial lawsuit for a storm-related roof damage claim.
- *Billy Joe Hollingsworth, II and Tammy Hollingsworth, d/b/a Million Dollar Pawn and Gun vs. Parkland Corporation*
  - Cause No. DC-18-02073
  - Mr. Beckner was designated as an expert regarding a wind-related roof damages and insurance claim as well as drainage issues.
- *Kevin Frazer v. Travelers Home and Marine insurance Company*
  - Civil Action No.1:19-00457-CMA-STV
  - Mr. Beckner was designated as an expert regarding a storm-related roof damage insurance claim.
- *Frahm, Tonya v. Travelers Home and Marine insurance Company*
  - Case No. 1:19-cv-00261-WYD-MEH
  - Mr. Beckner was designated as an expert regarding a storm-related roof damage insurance claim.

**PUBLICATIONS**

- Testing Built-Up and Modified Bitumen Roofs for Hail Damage (coauthor) - IIBEC 2022

**CAREER SUMMARY**

- **December 2022 to present: Director of Engineering Services** at Roof Technical Services, Inc. ("RoofTech", RTSI)
- **2018 – November 2022: Senior Engineer** at Roof Technical Services, Inc. ("RoofTech", RTSI)
- **2016 – 2018: Senior Forensic Engineer** at The Vertex Companies, Inc. ("VERTEX")
- **2012 – 2016: Senior Forensic Engineer** at Donan Engineering Co., Inc. ("DONAN")
- **2005 – 2012: Structural Frame Engineer** at Weyerhaeuser (Trus Joist)
- **2003 – 2005: Engineer-in-Training** at Bison Building Materials, LLC

**COURSES TAUGHT**

- AIA BLS700: Design & Architectural Considerations for Tall Walls
- AIA GEN400: Wall Bracing and Architectural Design
- Lightning Damage to Structures: VERTEX