

---

## **EDUCATION**

- 2025                   **Masters in Legal Studies**  
Texas A&M University School of Law
- 2025                   **Certificate in Real Estate and Construction Law, Policy and Management**  
Texas A&M University School of Law
- 1995                   **Bachelor of Science, Civil Engineering**  
University of Kentucky
- 1995                   **Bachelor of Science, Applied Mathematics**  
Kentucky State University

## **EXPERIENCE**

- December 2025  
to Present           **Engineering Design & Testing Corporation**  
**Columbia, South Carolina**  
*Principal Engineer- Regional Manager*  
Lead and expand the forensic engineering practice across the Great Lakes Region, managing operations and multidisciplinary teams while delivering high-stakes investigations for insurance carriers, law firms, property owners, and construction companies. Conduct and direct causation-driven assessments of structural and envelope systems and civil infrastructure (including load-resisting systems and water/sewer/stormwater conveyance) across residential, commercial, industrial, institutional, and government assets—ranging from historic structures and hospitality facilities to highways, bridges, and parking—addressing losses and defects stemming from wind, fire, water intrusion/storm surge, snow, seismic events, explosions, vibration, foundation movement, deterioration/corrosion, impact, and construction defects. Lead premises and construction-site liability evaluations (slip/trip/fall, code compliance, ladder/walkway/stair safety), develop repair protocols and cost estimates, establish QA/QC and inspection standards, recruit/onboard and mentor engineers, deliver continuing education, and produce expert witness analyses, reports, and testimony.
- October 2023  
to November 2025   **ProNet Group, Inc.**  
**Sugar Land, Texas**  
*Regional Manager*  
Managed Northeast operations and staff, overseeing quality of work and inspections while conducting forensic investigations for insurance companies, law firms, and property owners. Directed assessments of construction defects, structural failures, and damage from natural disasters, fires, explosions, and vibration impacts, including causation analysis. Performed premises liability evaluations involving slip/trip/falls, code compliance, and safety assessments of ladders, walkways, and stairs. Experienced with historic structures, residential, commercial, retail, multi-family residence, hospitality facilities, highways, parking projects, marinas, seawalls, and mine subsidence. Developed cost estimates and repair protocols, trained staff

to ensure thorough reporting and inspection standards, delivered continuing education programs, and provided expert witness analysis, reports, and testimony.

July 2018  
to October 2023

**U.S. Forensic LLC**  
**Metairie, Louisiana**

*Senior Forensic Engineer*

Conducted forensic investigations for insurance companies, law firms, and property owners involving construction defects, structural failures, and damage from natural disasters, fires, explosions, and vibration impacts. Determined causation of failures and performed premises liability assessments, including slip/trip/fall incidents, code compliance reviews, and evaluations of ladders, walkways, and stairs. Experienced with historic structures, residential, commercial, retail, multi-family residence, hospitality facilities, highways, parking projects, marinas, seawalls, and mine subsidence. Developed cost estimates and repair protocols, trained staff on investigation and reporting standards, and provided expert witness analysis, reports, and testimony.

November 2017  
to Present

**TEERO, LLC**  
**Monticello, Kentucky**

*Principal Engineer*

Directed business operations and provided engineering oversight for all investigations. Led forensic assessments for insurance companies, law firms, and property owners involving construction defects, structural failures, and damage from natural disasters, fires, explosions, and vibration impacts. Evaluated infrastructure systems—including water lines, sewer networks, and elevated storage tanks—along with premises liability issues such as slip/trip/falls and code compliance, using the English XL tribometer for slip resistance testing. Assessed ladders, walkways, stairs, and floor mats for safety compliance; advised on historic structures, hospitality facilities, highways, marinas, seawalls, and parking projects. Developed cost estimates and repair protocols, trained staff in investigative and reporting practices, and delivered continuing education programs to industry professionals.

December 2017  
to June 2018

**GHD, INC**  
**Franklin, Tennessee**

*Senior Forensic Structural Engineer*

Conducted forensic investigations for insurance companies, law firms, and property owners involving construction defects, structural failures, and damage from natural disasters, fires, explosions, and vibration impacts. Evaluated infrastructure systems—including water transmission lines, sewer collection systems, and elevated storage tanks—for construction quality and failure causation. Performed premises liability assessments, including slip/trip/fall investigations, code compliance reviews, and testing of walking surfaces with English XL tribometer. Assessed ladders, walkways, stairs, floor mats, and related conditions for safety compliance. Experienced with historic structures, residential, commercial, retail, multi-family residence, hospitality facilities, highways, parking projects, marinas, seawalls, and mine subsidence. Developed cost estimates and repair protocols, trained staff in investigative methods and reporting, and delivered continuing education programs to industry professionals. Project experience includes:

- Ground vibration damage assessment for existing buildings located near blasting activities at a construction site in Tennessee.

- Roof failures for numerous chicken barns in central Tennessee and northern Alabama.
- Wind and hail damage inspections for various residential structures in the Nashville, Tennessee area.

August 2011  
to November 2017

**Rimkus Consulting Group, Inc.**  
**Houston, Texas**

*District Manager*

Managed business operations and staff for the Indianapolis district office while leading forensic investigations into construction defects, structural failures, and damage from natural disasters, fires, explosions, and vibration impacts. Conducted infrastructure evaluations of water systems, sewer networks, and storage tanks, and performed premises liability assessments involving slip/trip/falls, code compliance, and surface slip resistance testing using Brungraber Mark I and English XL tribometers. Assessed ladders, walkways, stairs, and floor mats for safety compliance, and experienced with historic structures, residential, commercial, retail, multi-family residence, hospitality facilities, highways, swimming pools, parking projects, marinas, seawalls, and mine subsidence. Developed cost estimates, designed repair protocols, provided expert witness reports and testimony, trained staff, and delivered continuing education programs to industry professionals.

May 2008  
to August 2011

**PT&C Forensic Consultants, LLC**  
**Atlanta, Georgia**

*Regional Manager of the West and Southeast Regions*

Performed hundreds of investigations for insurance companies, law firms, and property owners involving construction defects, structural failure analysis, and damage from hurricanes, tornados, earthquakes, ice/wind/snow, fires, explosions, blasting, construction vibrations, moisture intrusion, window failures, and differential foundation movement, performed slip/fall and trip/fall investigations and verified code compliance of facilities. Assessed ladders, walkways, stairs, and floor mats for safety compliance, and experienced with historic structures, residential, commercial, retail, multi-family residence, hospitality facilities, highways, swimming pools, parking projects, marinas, seawalls, and mine subsidence. Provide expert witness forensic engineering analysis of files to include report and testimony. Opened West Region offices and managed operations of the West and Southeast Regions, including the sinkhole investigation group.

November 2007  
to May 2008

**TRC Forensics**  
**Chicago, Illinois**

*Regional Manager- Lexington Office*

Performed investigations for insurance companies, law firms, and property owners involving construction defects, structural failure analysis, and damage from hurricanes, tornados, earthquakes, ice/wind/snow, fires, explosions, blasting, construction vibrations, and differential foundation movement. Opened Lexington Regional offices and managed operations of the Lexington Office.

November 2001  
to November 2007

**EFI Global**  
**Atlanta, Georgia**

*Project Engineer*

Performed investigations for insurance companies, law firms, and property owners involving construction defects, structural failure analysis, and damage from hurricanes, tornados, earthquakes, ice/wind/snow, fires, explosions, blasting, construction vibrations, and differential foundation movement. Assessed ladders, walkways, stairs, and floor mats for safety compliance, and experienced with historic structures, residential, commercial, retail, multi-family residence, hospitality facilities, highways, swimming pools, parking projects, marinas, seawalls, and mine subsidence. Performed trip/fall and slip/fall investigations and verified code compliance of facilities with respect to premises liability.

July 1997  
to November 2001

**Brighton Engineering**  
**Frankfort, Kentucky**

*Project Manager*

Performed structural engineering functions on several large projects. Managed staff in private sector design. Designed highways and infrastructure for several industrial parks, subdivisions and retail developments. Designed site, including parking for strip malls, banks, apartment complexes and for additions to the Commonwealth of Kentucky Capitol Building Executive Office Building expansion. Designed infrastructure including water, sewer, roadways, site grading, stormwater with retention, PEMB spec buildings, and one-million-gallon elevated water supply storage tank for three regional industrial parks ranging from 750-acres to 1250-acres. Designed streetscapes including brick pavement for reopened pedestrian mall, limestone curbs, separation of sanitary and storm water conveyance systems, provided ADA access and new sidewalks. Worked through contract to serve as the Franklin County Engineer evaluating development plans and conformance with regulations.

January 1996  
to July 1997

**Monarch Engineering**  
**Lawrenceburg, Kentucky**

*Staff Engineer*

Designed water and wastewater treatment plants, ancillary structures, water distribution and sanitary sewer collection systems for rural areas of Kentucky. Wrote development plans and performed economic analysis for grant applications for rural areas to fund water and sewer systems. Designed clarifiers, aeration chambers and drying beds for wastewater treatment plants, water transmission lines and pump stations and new pressure force main sewer collection system with lift stations to replace grant-funded vacuum sanitary sewer system.

January 1995  
to January 1996

**HMB Engineers**  
**Frankfort, Kentucky**

*Staff Engineer*

Assisted in the design of several projects, including slope stability repair for a failed roadway, design of airport access roads, pavement design for taxi way and runway for general aviation airports, design of T-hangars for general aviation airports. Reviewed development plans for general aviation airports to ensure FAA part 77 compliance. Designed retaining wall systems, airport access roads, T-hangars and taxiway extensions.

May 1989  
to January 1995

**Kentucky Transportation Cabinet/ Cabinet Scholarship Student  
Frankfort, Kentucky 5**

*Student/Staff Engineer*

Assisted in the design of several projects and developed written specifications for hot-in-place asphalt recycling, SUPERPave and specialty asphalt mixes. Conducted asphalt extractions, sampling and testing for specification conformance. Worked in Materials, Drainage, Planning, Drainage, Specifications, Construction, and Design Divisions to determine route location and design conformance to FHWA and KyTC standards. Assisted in the design of various highway projects and development of specifications for highway work. Performed construction inspection of overflow structures for a bridge over the Ohio River, as well as a bridge over the Kentucky River. Developed and implemented a SUPERPave specialty asphalt binder mix project on an interstate roadway, as well as a Hot-in-place Recycling asphalt project.

**PROFESSIONAL CERTIFICATIONS, REGISTRATIONS & LICENSES**

**P.E.** – Registered Professional Engineer – AL, AZ, AR, CA, CO, DE, FL, GA, HI, IL, IN, KS, KY, LA, MD, MI, MO, MS, NE, NH, NC, ND, OH, OK, OR, PA, SC, TN, TX, UT, VA, VT, WA, WV, WI

**S.E.** – Registered Structural Engineer – GA

**PROFESSIONAL MEMBERSHIPS**

**NAFE**– National Academy of Forensic Engineer- Senior Fellow #1302  
Diplomat in Forensic Engineering

**A.S.C.E.** – American Society of Civil Engineers (1993 to present)

**N.S.P.E.** – National Society of Professional Engineers (1993 to present)

**N.S.P.I.I** – National Society of Professional Insurance Investigators

**IIBEC** – International Institute of Building Enclosure Consultants – Member

**IICRC**– Institute of Inspection Cleaning and Restoration Certification – Member

**NRCA**– National Roofing Contractors Association – Member

2026-2028 Chairman of the ASTM E-58 Committee on Forensic Engineering

2025-Present Secretary of the A.S.C.E. Wildfire Resources Strategy Committee

2023-2025 Vice Chairman of the ASTM E-58 Committee on Forensic Engineering

2021-2023 Secretary of the ASTM E-58 Committee on Forensic Engineering

2025- Member – Foundation Performance Association

2024-present Vice Chairman of the Wayne County CrimeStoppers

2000-2002 Trustee of the United Methodist Church in Lawrenceburg, Kentucky.

2002-2004 Member Lawrenceburg KY Historical Preservation Council

2004- GAB Robins Presidents Award for Outstanding Service

Nationally Registered Emergency Medical Technician (2008)

HAZWOPPER- 40 hour Hazmat Technician (2008)

English XL VIT CXL Technician (2013)

**PRESENTATIONS**

- The Case for AI in Forensic Engineering: Enhancing Expert Testimony and Avoiding Obsolescence (National Society of Professional Engineers, Webinar, 1 hour- 2025)

- 
- The Case for AI in Forensic Engineering: Enhancing Expert Testimony and Avoiding Obsolescence (National Academy of Forensic Engineers, Summer Conference, Ottawa, Canada, 1 hour- 2025)
  - Thinking Beyond the Pavement (KY Transportation Research Center, 8 hours) 2001
  - The Engineers Road to the Courthouse (1-2 hrs: 2011; Presented at National Worley Conference in Memphis, TN and RJMW Conference in Charlotte, NC)
  - Moisture Damage and Repair of Wood Floors (1-2 hrs: 2011; Presented at National RJMW Conference in Charlotte, NC and Northern California Claims Conference in Sacramento, CA)
  - EIFS- Moisture Infiltration (2 hours: 2011 Worley Conference in Memphis, TN)
  - Hail Damage Assessments to Residential Roofs (4 hours, 2009, 2010)
  - Structural Damage from Seismic Events (4 hrs, 2008, 2009)
  - Construction Claims and Disputes (1 hr, 2012 presented at the Defense Trial Counsel of Indiana)
  - Drainage and Moisture Intrusion (2 hr, 2012 presented at the Mutual Insurance Companies Assoc. of Indiana (MICAI))
  - Diagnosing Earthquake Damage (4 hr, 2014)
  - Moisture Intrusion (1 hr, 2015 presented at Optimal Claims)
  - Commercial Roofing (1 hr, 2015 presented at Optimal Claims)
  - Diagnosing Earthquake Damage (4 hr, 2015, presented at the Worley National Conference, Louisville, Kentucky)

### **CONTINUING EDUCATION COURSES AND RELATED TRAINING**

- Scaffolding Use, Guidelines and Applications (2022) Tested
- Design of Buildings in High Wind Coastal Areas (2022) Tested
- Design Parameters for Safe Rooms and Shelters (2021) Tested
- ADA Recreation Facilities (2021) Tested
- Urban Hydrology (2021) Tested
- Treatment of Historic Properties (2021) Tested
- Design of Commercial Buildings to Mitigate Terrorist Attacks (2019) Tested
- ADA and Architectural Barriers Act Accessibility Guidelines (2019) Tested
- Walkway Auditor Certification ASTM F2948 – FORCON International (Houston, TX 2014) Tested
- English XL VIT Certification (Philadelphia, PA, 2013) Tested
- Level I Technician PFAS Assisted Roof Inspection, ACRABAT (Houston, TX, 2012) Tested
- Seismic Loading of Structures (Menlo College, San Jose, CA, 2010) Tested
- Wood Truss Design and Repair Workshop (Virginia Tech, Blacksburg, VA, 2007) Tested
- Structural Condition Assessment of Existing Structures – ASCE (Baltimore, MD, 2005) Tested
- Composition and Wood Shake Roofs – Damage Assessment (HAAG, Dallas, TX, 2001) Tested
- Built-up and Membrane Roofs – Damage Assessments (HAAG, Dallas, TX, 2001) Tested

## **EXPERIENCE**

***Legal Testimony- Attached***