

JON E. MORRISON, P.E.

SUMMARY

Mr. Morrison provides forensic structural engineering services to legal and insurance professionals and facility owners to investigate structural failures. He has over thirty years of engineering experience in the design and investigation of residential, institutional, commercial, industrial, government and academic facilities.

EDUCATION

Master of Engineering in Civil Engineering - Texas A&M University

Master of Arts in Mathematics - Villanova University

Bachelor of Science in Civil Engineering - Texas A&M University

REGISTRATIONS & CERTIFICATIONS

Registered Professional Engineer:

- Florida #81888
- Maryland #32070
- New Jersey # 24GE03553900
- Pennsylvania #PE035288E
- South Carolina #28469
- Virginia #0402 026353
- Washington, D.C. #PE-901247

OSHA, 10-hour Construction Safety

HAAG Certified Inspector (Residential) - # HCI Number: 202003418

U.S. Coast Guard Auxiliary, Aids to Navigation Verifier

PROFESSIONAL ASSOCIATIONS

American Society of Civil Engineers, Structural Engineering Institute (ASCE-SEI) – Member

National Society of Professional Engineers (NSPE) – Member

National Academy of Forensic Engineers (NAFE) – Affiliate Member

American Society for Testing Materials Committee E58 on Forensic Engineering (ASTM E58) – Member

CONTINUING EDUCATION

Courses completed in the following:

- Federal Emergency Management Agency (FEMA) National Incident Management System ICS 100, 200, 300, 700, 800
- ASCE Engineering Investigations of Hurricane Damage: Wind vs. Water
- ASCE Design of Buildings for Coastal Flooding
- ASCE Navigation Engineering – Challenges of Sustainability and Resilience
- ASCE Structural Condition Assessment of Existing Structures
- ASCE Vibration of Concrete Floors – Evaluation, Acceptance and Control
- ASCE Damping and Motion Control of Buildings and Bridges

FORCON INTERNATIONAL

- ASCE Learning from Failures of Wood-Framed Structures
- HAAG Residential Roof Inspection Certification

CAREER HISTORY

FORCON International – Forensic Structural Engineer

Providing forensic engineering and expert services as it relates to his fields of expertise.

Jon Morrison & Associates, LLC – Founder & Senior Forensic Structural Engineer

CVM Engineers & Construction Managers - Founder & Senior Structural Engineer

Keast & Hood Engineers - Project Engineer

McCormick Taylor & Associates - Staff Engineer

Texas Department of Highways & Public Transportation - Staff Engineer

ACADEMIC HIGHLIGHTS

- Graduate Instructor: Undergraduate Engineering Program, Strength of Materials - Texas A&M University
- Adjunct Professor: Undergraduate Architecture Program, Structures Design - Drexel University
- Adjunct Professor: Graduate Architecture Program, Design of Light Weight Structures - University of Pennsylvania

PATENTS

Co-Inventor: U.S. Patent No. 9,683,361 Method and System for Rapid Construction of Structurally Reinforced Concrete Structures Using Prefabricated Assemblies and Method of Making Same.