



Innovative Engineering Inc. (IEI) provides unbiased, impartial forensic engineering analysis for a variety of clients including institutional, educational, commercial and federal government. We at **IEI** believe every investigation must be conducted with standardized procedures able to provide consistent and unimpeachable conclusions. Given the potential ramifications associated with the conclusions developed from the forensic engineering investigative process, only highly defensible reporting of conclusions are provided by our company.

Post Hurricane Katrina Damage Assessment, Springdale Shopping Mall, Mobile, Alabama. Provided a structural inspection in accordance with the Applied Technology Council Field Manual (ATC 45). Surveyed exterior of buildings including roof, inside inspection including walls, ceiling, framing and an examination for foundation movement.

Emergency Structural Integrity Evaluation after Tropical Storm Cindy, Atlanta Motor Speedway, Hampton, Georgia. Performed an emergency structural inspection of 41 buildings after an F-2 tornado in accordance with the Applied Technology Council Field Manual (ATC 45). Surveyed exterior of building including roof, inside inspection including walls, roof, framing, and conducted an examination for foundation movement.



Payton B. Cook Forensic Hospital, Milledgeville, Georgia
Evaluated results of destructive and non-destructive tests on completed structural components including masonry and steel. Engineered repairs to defective masonry, structural steel and miscellaneous supports. As-built surveys, repair design documents, and examination of completed repair work for compliance with final design documents were provided.

Post Fire Structural Investigation Patten Hall, Piedmont College, Demorest, Georgia

“As-built” Forensic Evaluation of Existing Foundation
2nd Brigade, Hall of Hero’s, Fort Bragg, North Carolina: Client: Savannah Corps of Engineers

Brick Parapet Failure
Grady Health System, Crestview Nursing Facility, Atlanta, Georgia

Brick Failure
BNSF Railroad, Mobile Alabama, Client: J. M. Flannigan & Associates

CMU Parapet Failure
Equipment Innovators Inc., Corporate Headquarters

Forensic Engineering Expertise



As-built Floor Framing Inspection and Remedial Design
Kingman Residence

Investigate Concrete Cracks and Spawling at Fountain
Martin Luther King, Jr. National Historic Site, Atlanta, Georgia:
Client: Paramount Contracting

Retaining Wall Failure
ARES Realty Capital, Inc., Buckhead Crossing, Atlanta, Georgia

Basement Wall Failure
Dr. Sid Williams Residence, Powder Springs, Georgia



Deale Residence Basement Wall Failure.
Georgia Institute of Technology, Center for Rehabilitation
Technology, Atlanta, Georgia

Basement Wall Failure
Life University, 1085 Medical Office Building, Marietta, Georgia

Masonry Screen Wall Failure
Cumberland Mall, Atlanta, Georgia: Client: S & S Contractors

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