



EDUCATION

- Lehigh University
 - Bachelor of Science, Civil Engineering, 2015
- Georgia Institute of Technology
 - Master of Science, Civil Engineering, 2016

PRACTICE AREAS

- Historic Preservation
- Repair and Rehabilitation Design
- Failure/Damage Investigations
- Structural Investigation
- Nondestructive Testing

REGISTRATIONS

- Professional Engineer in GA

PROFESSIONAL AFFILIATIONS

- American Society of Civil Engineers
- Association of Preservation Technology

CONTACT

helsayed@wje.com
770.923.9822
www.wje.com

EXPERIENCE

Heba Elsayed is engaged in structural investigations, analysis, and repair design projects. Ms. Elsayed works on the assessment of concrete, steel, and wood structures. Her expertise also includes structural analysis, repair, and rehabilitation of historic building components, including brick, stone, and terra cotta masonry, and historic wood framing.

REPRESENTATIVE PROJECTS

Historic Preservation

- Martin Luther King, Jr. National Historical Park - Atlanta, GA: Building investigation and development of historic structure reports
- Fulton County Courthouse - Atlanta, GA: Restoration of terra cotta facade
- Castillo San Cristóbal - San Juan, PR: Condition assessment, structural evaluation, development of historic structures report
- Fort Pulaski West End World War II Bunkers - Cockspur Island, GA: Condition assessment, structural evaluation, development of historic structures report
- Fort Pickens and Battery Pensacola - Pensacola Beach, FL: Condition assessment, structural evaluation, and development of historic structures report
- Evans' Rendezvous - Fernandina Beach, FL: Condition assessment of historic structure; additional structural and geotechnical investigation
- Holly Hill - Roswell, GA: Condition assessment of historic wood and masonry-framed home; development of historic structure report
- Bell Building - Athens, GA: Restoration of terra cotta facade
- Robert Toombs House - Washington, GA: Condition assessment of historic wood and masonry structure
- Auburn Antebellum Home - Natchez, MS: Condition assessment of historic wood and masonry structure
- Hood McPherson Building - Birmingham, AL: Restoration of terra cotta facade

Repair and Rehabilitation Design

- Alamo Visitor Center and Museum - San Antonio, TX: Design of facade retention system of 1890s stone masonry exterior and interior walls as part of adaptive reuse project

- 200 Broadway - Nashville, TN: Investigation and repair design of 1900s brick masonry exterior walls as part of facade retention and adaptive reuse project; overseeing of repairs during construction
- Lullwater House - Decatur, GA: Assessment and repair design for 1920s concrete pool cabana
- Baggage Building - Nashville, TN: Assessment and rehabilitation of historic masonry structure

Failure/Damage Investigations

- Assumption Church - Nashville, TN: Investigation and repair of historic church wood and masonry structure after tornado event
- Sounds Stadium - Nashville, TN: Structural assessment after tornado event
- I-75 Northwest Corridor - Atlanta, GA: Investigation and repair of partially collapsed retaining wall panels
- Cooper Tire and Rubber Warehouse - Albany, GA: Field investigation, assessment, and rehabilitation of steel-framed warehouse after tornado damage; overseeing of masonry, steel, concrete, and roofing repairs during construction administration

Structural Investigation

- Stegman Coliseum - Athens, GA: Investigation of distress to 1960s precast and cast-in-place, concrete-framed roof; design and observation of repairs
- Tomochichi Courthouse and Federal Building - Savannah, GA: Investigation and analysis of 1890s steel-framed and masonry structure; design and observation of repairs

Nondestructive Testing

- University of Georgia, Sanford Stadium - Athens: Investigation of 1,000-foot-long concrete culvert structure
- Bridgeport Old Highway 66 Bridge - Bridgeport, OK: Assessment of concrete substructure and foundation
- Home Depot - Holly Springs, GA: Investigation of partially collapsed retaining wall; evaluation of remaining structure