



## PERSONNEL QUALIFICATIONS

### S. Parker Mink | Senior Associate



#### EDUCATION

- University of Tennessee
  - Bachelor of Science, Civil Engineering, 2011
- Georgia Institute of Technology
  - Master of Science, Civil Engineering, 2012

#### PRACTICE AREAS

- Structural Evaluation and Analysis
- Failure Investigation
- Repair and Rehabilitation Design
- Historic Preservation and Repair
- Facade Assessment
- Masonry Restoration
- Roofing and Waterproofing

#### REGISTRATIONS

- Professional Engineer in AR, TN, and TX
- Society of Professional Rope Access Technicians - Level I

#### PROFESSIONAL AFFILIATIONS

- International Concrete Repair Institute
- International Institute of Building Enclosure Consultants - North Texas Chapter
- Preservation Dallas
- Structural Engineers Association of Texas

#### CONTACT

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#### EXPERIENCE

Since joining WJE in 2013, Parker Mink has worked on a wide variety of projects within the structural engineering, building science, and construction industries. He has completed numerous investigations, including structural and waterproofing system failure investigations, nondestructive evaluations, facade inspections, and condition assessments related to restoration or adaptive reuse of historic structures. He has provided repair recommendations and developed repair documents for various types of structures, including steel, wood, reinforced concrete, and masonry. Mr. Mink also has extensive experience in the assessment, analysis, and repair design of modern structural and facade systems.

Prior to WJE, Mr. Mink completed his graduate degree with an emphasis in restoration and rehabilitation of historic structural elements at the Georgia Institute of Technology.

#### REPRESENTATIVE PROJECTS

##### Structural Evaluation and Analysis

- Cathedral Santuario de Guadalupe - Dallas, TX: Analysis and evaluation of historic wood floor framing
- IH 345 Bridge - Dallas, TX: Structural condition assessment of concrete bridge deck and load testing of retrofit repairs
- University of Texas Southwestern Medical Center - Dallas, TX: Assessment and repair design for multiple parking garages

##### Failure Investigation

- Nashville Bomb Response - TN: Assessment of historic masonry and window systems following Christmas Day bombing
- South Park Mall - Charlotte, NC: Investigation of precast double-tee roof collapse
- NorthPark Center - Dallas, TX: Structural evaluation, assessment, and repair design of fire-damaged skylight
- Dallas County Records Complex - TX: Historic plaster failure investigation and repair

##### Repair and Rehabilitation Design

- Borger Aluminum Dome - Borger, TX: Assessment and repair design of aluminum geodesic Kaiser dome
- Rutledge Tower - Charleston, SC: Assessment of concrete facade distress and design of facade repairs

##### Historic Preservation and Repair

- Eldon B. Mahon Federal Courthouse - Fort Worth, TX: Condition survey and preservation recommendations for historic window renovation
- Gulf Cone Building - Dallas, TX: Structural condition assessment of historic heavy timber framing
- The Adolphus Hotel - Dallas, TX: Structural assessment and repair recommendations for historic fire escape and various structural systems
- Old Dallas High School - TX: Investigation, assessment, and consultation of historic structural systems
- Ambassador Hotel - Dallas, TX: Investigation, assessment, and consultation of historic structural and waterproofing systems
- 200 Broadway - Dallas, TX: Assessment and repair of historic brick walls
- Oak Tower - Kansas City, MO: Investigation and stabilization design of terra cotta facade distress

##### Facade Assessment

- Dillard's at NorthPark Center - Dallas, TX: Investigation and repair design of distressed cast stone facade elements
- Boston Avenue United Methodist Church - Tulsa, OK: Assessment of limestone, terra cotta, and copper facade
- First National Center - Oklahoma City, OK: Assessment of limestone facade
- Midtown Tower - Pittsburgh, PA: Difficult access condition assessment of clay shingle dome, brick, and terra cotta facade

##### Roofing and Waterproofing

- NorthPark Center - Dallas, TX: Design, contract administration, and construction observation services of roof replacement
- Villa Riviera Tower - Long Beach, CA: Difficult access condition assessment and cleaning trials of historic copper roof