

Jeremy J. Bridwell | Senior Associate



EDUCATION

- Texas A&M University
 - Bachelor of Science, Civil Engineering, 2003

PRACTICE AREAS

- Architectural Testing
- Facade Assessment
- Litigation Consulting
- Peer Review
- Repair and Rehabilitation
- Roofing and Waterproofing

REGISTRATIONS

- Professional Engineer in KS, LA, MO, OK, and TX
- Registered Roof Consultant
- Registered Exterior Wall Consultant
- Certified EIFS Inspector
- Certified Infrared Thermographer
- Construction Documents Technologist

PROFESSIONAL AFFILIATIONS

- RCI, Inc.

CONTACT

jbridwell@wje.com
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EXPERIENCE

Mr. Bridwell joined WJE in 2010 with six years of consulting experience in the investigation, design, and renovation of building enclosures. His projects commonly include investigations of existing buildings, consultation during construction, and building enclosure commissioning, as well as insurance and litigation support.

Mr. Bridwell's experience includes a broad range of buildings including high and low rise multifamily, office, hospital, government, and education facilities. He is experienced in various cladding systems including portland cement plaster (stucco), EIFS, masonry, composite metal panels, glazed aluminum curtain wall and window systems, and panelized cladding systems.

Mr. Bridwell also works with existing and new design of various roofing systems. His investigations include evaluation after natural disasters such as hurricanes and hail storms, as well as installation and construction defect evaluations. He has experience in multiple roofing systems including single-ply, multi-ply, and metal roofing.

Prior to joining WJE, Mr. Bridwell worked for French Engineering, LLC, where he acquired building enclosure experience.

REPRESENTATIVE PROJECTS

Architectural Testing

- Children's Health - Dallas, TX: Infrared energy assessment of facade
- 900 E. Park - Plano, TX: Instrumentation and water leakage analysis
- Field Memorial Hospital - Centerville, MS: Lateral resistance testing of brick veneer
- SMU Commons - Dallas, TX - Water testing of exterior facade
- Career and Technical Education Center - Frisco, TX: Thermal instrumentation and analysis of heat gain of cladding system

Facade Assessment

- Holiday Inn Reliant Stadium - Houston, TX: Water intrusion investigation
- WaterWalk Place - Wichita, KS: Water intrusion investigation

- Prairie Crossing - Addison, TX: Brick veneer distress and water intrusion investigation
- Arkansas State Highway Department - Little Rock, AR: Brick veneer and window water leakage investigation
- Market Place - Allen, TX: Insulation failure/condensation investigation
- Portofino Apartments - Farmers Branch, TX: Stucco failure investigation

Peer Review

- Perot Museum of Nature and Science - Dallas, TX: Peer review and construction observation

Repair and Rehabilitation

- Oak Tower - Kansas City, MO: Facade stabilization, window replacement, and reroofing design
- Marquette at Preston Park - Plano, TX: Renovation design of brick and stucco cladding and balcony waterproofing
- Texas Life Insurance - Waco, TX: Precast concrete panel facade renovation design
- Children's Health - Dallas, TX: Precast concrete, GFRC panel and stucco cladding renovation design

Roofing and Waterproofing

- NorthPark Center - Dallas, TX: Design and construction period services for reroof
- 21 Turtle Creek - Dallas, TX: Garage expansion joint replacement design
- African American Museum - Dallas, TX: Below grade waterproofing investigation
- Northside Baptist Church - Corsicana, TX: Roof leakage investigation
- Facebook Data Center - Fort Worth, TX: New roof construction consulting

TECHNICAL COMMITTEES

- RCI, Inc. - Document Review Committee, chair
- RCI, Inc. - Education Committee
- RCI, Inc. - North Texas Chapter, past president