



## PERSONNEL QUALIFICATIONS

### Benjamin R. Parmer | Associate III



#### EXPERIENCE

Ben Parmer joined WJE in 2022, bringing experience in civil and structural engineering and project management. Mr. Parmer has contributed to a diverse range of structural analysis and repair projects, including condition assessments, analytical modeling, repair design, and construction administration. He is frequently involved in the assessment and repair of concrete and steel structures and has developed experience in structural systems incorporating light-gauge steel, cast and wrought iron, stainless steel, and aluminum.

Prior to WJE, Mr. Parmer served five years as an Engineer Officer in the United States Army, where he supervised a wide range of engineering missions. While stationed at Fort Hood, he directed structural evaluations, oversaw explosives demolition operations, and managed multiple rehabilitation and construction projects. In his final year of service, Mr. Parmer supported combat engineer modernization initiatives.

#### REPRESENTATIVE PROJECTS

##### Steel Structures and Structural Metals

- Texas State Capitol Building - Austin: Assessment and analysis of historic cast and wrought iron structural components supporting the roof and dome
- Saenger Theatre - New Orleans, LA: Assessment of historic structural steel elements supporting decorative plaster
- Lackland Air Force Base - San Antonio, TX: Investigation of steel roof framing to determine cause of out-of-tolerance decking
- Mosaic Dome Collapse - Saskatchewan, CA: Structural analysis of stainless steel dome diaphragm
- Summit Recreation Center - Temple, TX: Assessment and repair of corroded steel columns
- 625 Freeport Facility - Coppell, TX: Structural analysis and repair design of steel roof framing distress due to fire damage

##### Concrete Structures

- Bridgepoint Parking Garages - Austin, TX: Construction administration services for concrete repair work
- The Quincy Pool - Austin, TX: Investigation of pool cracking and pool shell detachment from structure
- Town Lake Center Parking Garage - Austin, TX: Design and construction administration services for concrete repairs
- Palmer Events Center Parking Garage - Austin, TX: Concrete repair design and construction administration services
- Windsor on the Lake - Austin, TX: Assessment of concrete distress within parking garage
- University of Texas at Austin (UT) Engineering Education and Resource Center - TX: Assessment and analysis of distressed concrete columns
- Riverfront Parking Garage - Waco, TX: Analysis and repair design for impact damaged double-tee stem

##### Wood Structures

- Texas Capitol Visitors Center - Austin: Assessment and repair design of historic timber roof framing
- Windsor South Lamar - Austin, TX: Investigation and repair of cantilevered floor joists
- Heritage Condominiums - Austin, TX: Assessment and repair design of deteriorated wood walkways, stairs, and balconies
- Mulva Auditorium at the UT Engineering Education and Resource Center - Austin, TX: Assessment of wood panel ceiling system

##### Litigation Consulting

- Troubadour Pool - Austin, TX: Structural assessment of pool shell and supporting structure
- Dominican Sisters of Mary - Georgetown, TX: Investigation of soils and pavement issues
- Main Street Market - Abbott, TX: Investigation of distress in asphalt pavement surface
- East Jefferson High School, Joseph S. Yenni Stadium - Metairie, LA: Document review related to investigation of spalling concrete

#### EDUCATION

- U.S. Military Academy at West Point
  - Bachelor of Science, Civil Engineering, 2018
- Purdue University
  - Master of Science, Civil Engineering, 2023

#### PRACTICE AREAS

- Steel Structures
- Structural Metals
- Concrete Structures
- Wood Structures
- Litigation Consulting

#### REGISTRATIONS

- Professional Engineer in AR, LA, NY, and TX

#### PROFESSIONAL AFFILIATIONS

- American Concrete Institute
- American Institute of Steel Construction
- American Welding Society
- The Structural Engineers Association of Texas

#### CONTACT

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