



PERSONNEL QUALIFICATIONS

John Kintz | Senior Associate



EDUCATION

- University of Iowa
 - Bachelor of Science, Civil Engineering, 2015
- University of Texas at Austin
 - Master of Science, Structural Engineering, 2017

PRACTICE AREAS

- Bridges and Civil Infrastructure
- Concrete Structures
- Repair and Rehabilitation
- Structural Analysis
- Structural Design
- Failure/Damage Investigation

REGISTRATIONS

- NHI Course 130055 - Safety Inspection of In-Service Bridges
- Professional Engineer in AR, CO, LA, MS, OK, and TX

PROFESSIONAL AFFILIATIONS

- American Institute of Steel Construction
- Post-Tensioning Institute

CONTACT

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EXPERIENCE

Since joining WJE in 2017, John Kintz has been involved in the assessment and rehabilitation of various new and existing structures. His project experience includes the evaluation, design, and rehabilitation of different steel, concrete, and masonry structures.

Prior to joining WJE, Mr. Kintz worked on numerous steel and prestressed concrete projects at the University of Texas at Austin as a graduate research assistant. His research focused on the stability bracing of steel girder systems by engaging the shear diaphragm stiffness of precast concrete deck panels. Mr. Kintz was also involved in research that examined the impact of variations in geometry and internal bracing configurations on the performance and constructability of steel trapezoidal box girders.

REPRESENTATIVE PROJECTS

Bridges and Civil Infrastructure

- IH-35 Bridge - Temple, TX: Structural consulting on bridge demolition and girder erection plans
- TexRail - Fort Worth, TX: Structural consulting on bridge demolition and shoring and construction operations, including accelerated bridge construction techniques
- Ranklin County Bridge, Mississippi Department of Transportation - Richland: Bridge jacking details for bearing replacement operations

Concrete Structures

- Palo Verde Water Resources - Tonopah, AZ: Condition assessment, replacement/repair design, and construction administration for secondary acid containment structures
- Palo Verde Water Resources - Tonopah, AZ: Condition assessment and construction administration for hypochlorite trenches
- University of Texas at Austin, Bellmont Hall: Construction observations of facade repairs

Repair and Rehabilitation

- Waco Independent School District, Administrative Building - TX: Rehabilitation design and construction administration for fire escape stair
- Midland Memorial Parking Garage - Midland, TX: Construction administration for carbon-fiber-reinforced plastic repairs of precast double-tee stems
- Rockport Independent School District, Rockport-Fulton High School - Rockport, TX: Repair design for various steel and concrete elements relating to hurricane damage

Structural Analysis

- Port of San Antonio Storage Hangers - TX: On-site assessment and structural analysis of steel truss hangers for installation of a new fire suppression system
- Port of Houston - TX: Structural assessment of concrete wharves
- Hilton Hotel - Austin, TX: Evaluation, load testing, and repair development of facade access system

Structural Design

- University of Texas at Austin, Erwin Center: Structural modification of support system for new scoreboard
- La Frontera Retail Building - Austin, TX: Structural modifications of existing adjacent tilt-wall buildings to increase retail footprint

Failure/Damage Investigation

- High-Rise Hotel - Austin, TX: Investigation and analysis of portico collapse
- Residential Complex - San Antonio, TX: Investigation of observed distress in building framing and foundation elements