

Jason Porto | Senior Associate



EDUCATION

- University of California, Berkeley
 - Bachelor of Science, Civil Engineering, 2001
- University of Colorado Boulder
 - Master of Science, Civil Engineering, 2007

PRACTICE AREAS

- Structural Evaluation
- Seismic Retrofit Design
- Litigation Consulting
- Repair and Rehabilitation Design
- New Structures
- Earthquake Engineering and Design

REGISTRATIONS

- Civil Engineer in CA
- Society of Professional Rope Access Technicians - Level I Rope Access Technician
- Structural Engineer in CA

PROFESSIONAL AFFILIATIONS

- American Institute of Steel Construction (AISC)

CONTACT

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EXPERIENCE

Jason Porto joined WJE in 2014 and has worked on a variety of projects, including structural evaluations, seismic retrofits, litigation consulting, and repair design. He is proficient in the computer modeling and analysis of existing structures and in the design of unique details for steel-framed, concrete-framed, and reinforced masonry buildings.

During the eight years prior to joining WJE, Mr. Porto worked as a structural designer on projects ranging from single-family timber homes to large-scale commercial structures utilizing steel, concrete, and masonry. His broad-based background has allowed him to quickly integrate with WJE.

REPRESENTATIVE PROJECTS

Structural Evaluation

- Will Rogers Memorial Center Truss Evaluation - Fort Worth, TX: Site investigation and field verification of existing conditions for 1920s-era steel trusses; complex computer modeling and analysis of trusses to verify strength to support new heavier scoreboard
- Testarossa Winery - Los Gatos, CA: Detailed computer analysis of warehouse wood trusses to determine cause of failure
- Montrachet - Napa, CA: Site investigation and detailing of emergency shoring for decayed wood framing in exterior stair towers

Seismic Retrofit Design

- Marchant on the Greenway - Berkeley, CA: Seismic analysis and detailing for the retrofit and upgrade of three-story reinforced-concrete building
- Hibernia Bank Building - San Francisco, CA: Complex detailing of new stair systems, with emphasis on maintaining historic character of restored 19th-century bank building
- Westchester Carport Investigation - Fremont, CA: Site investigation and analysis of exterior carport structure; design and detailing of seismic strengthening upgrades

Litigation Consulting

- Rivermark vs. Shea - Santa Clara, CA: Strength analysis to assess capacity of exterior composite metal and concrete deck damaged by corrosion

Repair and Rehabilitation Design

- Port Silo Repair - Buchanan, Liberia: Development of calculations and preparation of construction drawings for steel-framed penthouse atop restored reinforced concrete iron-ore silo
- Westchester Roof Repair - Fremont, CA: Site investigation and repair of damaged wooden roof trusses
- Montrachet - Napa, CA: Site investigation and detailing of emergency shoring for decayed wood framing in exterior stair towers*

New Structures

- East Middlefield Equipment Enclosure - Mountain View, CA: Analysis and design of new exterior CMU equipment enclosure*

**Indicates with previous firm(s)*