



#### EDUCATION

- Iowa State University
  - Bachelor of Science, Civil Engineering, 1977

#### PRACTICE AREAS

- Structural Design
- Repair and Rehabilitation
- Historic Preservation
- Concrete Structures
- Steel Structures
- Wood Structures
- Masonry

#### REGISTRATIONS

- LEED Accredited Professional
- Professional Engineer in AZ, ID, MI, MO, TX, and WY
- Structural Engineers Certification Board (SECB)

#### PROFESSIONAL AFFILIATIONS

- American Concrete Institute
- American Institute of Steel Construction
- American Society of Civil Engineers - Structural Engineers Institute
- International Concrete Repair Institute
- Structural Engineer's Association of Texas, past state and chapter president and board member

#### CONTACT

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#### EXPERIENCE

Peter Larson joined WJE in 2017 with forty years of experience in design of building structures and structural design firm management. Mr. Larson's experience gives him an exceptional breadth and depth of knowledge in project types, building materials, structural systems, construction methods, contracts, and standards of practice. His combination of skills offers keen insight into the behavior of building materials and structures. His strong sense of aesthetics results in designs that are analytically and aesthetically direct, clean, and elegant. Mr. Larson's knowledge of contracts and practice management make him sharply aware of standards of practice and care.

Mr. Larson has significant experience in evaluation, repair, and strengthening structures. His work includes historic preservation and work with archaic building systems.

#### REPRESENTATIVE PROJECTS

##### Structural Design

- Park Lane Mixed Use - Dallas, TX: Engineer of Record for design of 500,000 square-foot conventional concrete buildings with post-tensioned garage\*
- Somerset Mall Column Removal - Southfield, MI: Engineer of Record for design of removal and transfer of three lower-level columns in multilevel mall\*

##### Repair and Rehabilitation

- Allen High School Stadium - Allen, TX: Principal in charge (PIC). Leader of design team to strengthen concrete with FRP\*
- T. Boone Pickens Cancer Hospital - Dallas, TX: Engineer of Record for design of structural concrete strengthening using FRP and section enlargement; 2011 ICRI National Award of Excellence\*

##### Historic Preservation

- Wheatland UMC - Dallas, TX: Principal in Charge of design to restore an 1859 wood framed sanctuary; awarded a Preservation Award, Preservation Dallas\*
- Dallas High School - Dallas, TX: Principal in Charge of design to strengthen and re-purpose a 1908 steel, brick, and concrete structure\*

#### Concrete Structures

- Mixed-Use High Rise - Dallas, TX: Principal in Charge of design of twenty-six-story concrete frame with post-tensioned flat plate, concrete shear walls, and attached post-tensioned parking garage\*
- Baylor Scott White Regional Medical Center - Waxahachie, TX: Principal in Charge of design of seven-story concrete system\*

#### Steel Structures

- Seguin Public Library - Seguin, TX: Engineer of Record for design of architecturally exposed steel structure; ENR Regional Best Project 2017\*
- Bridge of Hope - Dallas, TX: Engineer of Record for design of multilevel steel pedestrian bridge; 2012 AISC National Certificate of Recognition - Exemplary Use of Structural Steel\*
- Southfield Public Library - Southfield, MI: Four-level composite steel frame; 2004 National AIA Grand Project Team Award\*

#### Wood Structures

- Bluffview Residence - Dallas, TX: Engineer of Record for cliffside residence with exposed heavy timber framing and deck\*

#### Masonry

- Brick Veneer Failure - Ft. Worth, TX: Investigated failure of brick veneer\*
- Public Library - Southfield, MI: Designed support for large panel stone veneer\*

*\*Projects performed while with RLG Consulting Engineers*

#### TECHNICAL COMMITTEES

- ACI 440 - Fiber-Reinforced Polymer Reinforcement
- ACI 440F - FRP Repair-Strengthening

#### AWARDS AND HONORS

- 2012 Wilbur C. Schoeller Award, Structural Engineers Association of Texas
- 2009 Honorary Member, Structural Engineers Association of Texas