



#### EXPERIENCE

Yasmin Chaudhry joined WJE in September 2017 and has been involved in the investigation, evaluation and repair of existing structures, as well as services related to facade access equipment. Her project work has included onsite investigations, onsite structural testing, structural analysis, repair design, preparation of construction documents, and report writing. Ms. Chaudhry also has experience with structural analysis computer software and finite element analysis.

Before joining WJE, Ms. Chaudhry performed structural analysis and design calculations under various loading conditions on concrete, steel, masonry, and wood structures. While attending Montana State University, she was a teaching assistant for an undergraduate laboratory. She taught students about the design and mixture of concrete, performing ACI concrete tests, constructing reinforced concrete members, and testing various concrete and steel members. As part of her graduate work, Ms. Chaudhry compared a variety of different seismic analysis techniques using 3D models.

- Lowell House - Chicago, IL: Development of construction documents for new dedicated roof anchorages for facade access equipment
- Inland Steel Building - Chicago, IL: Investigation of existing facade access equipment

#### Concrete Structures

- Old Post Office - Chicago, IL: Inspection of concrete structures at train track level and within the building

#### EDUCATION

- Montana State University
  - Bachelor of Science, Civil Engineering, 2015
- Montana State University
  - Master of Science, Civil Engineering - Structural Emphasis, 2017

#### PRACTICE AREAS

- Repair and Rehabilitation
- Facade Access
- Concrete Structures

#### PROFESSIONAL AFFILIATIONS

- Structural Engineers Association of Illinois (SEAOI)
- National Council of Structural Engineers Associations (NCSEA)

#### TECHNICAL COMMITTEES

- NCSEA International Residential Code (IRC) Advisory Committee, Secretary

#### CONTACT

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#### REPRESENTATIVE PROJECTS

##### Repair and Rehabilitation

- Office Building - Chicago, IL: Design of interior monumental stairs, framing for a limited use/limited access lift, and miscellaneous steel supports for a tenant build-out for several adjacent floors

##### Facade Access

- Old Post Office - Chicago, IL: Design of new dedicated roof anchorages for facade access equipment
- Old Republic Building - Chicago, IL: Evaluation of existing and design of new dedicated roof anchorages for facade access equipment
- Highland Landmark II - Chicago, IL: Development of construction documents for new dedicated roof anchorages for facade access equipment