



EDUCATION

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

PRACTICE AREAS

- Repair and Rehabilitation
- Facade Access
- Concrete Structures

PROFESSIONAL AFFILIATIONS

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

TECHNICAL COMMITTEES

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

CONTACT

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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.

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
- 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