

Adam Moore | Associate II



EDUCATION

- Colorado School of Mines
 - Bachelor of Science, Civil Engineering, 2014
 - Master of Science, Structural Engineering, 2015

PRACTICE AREAS

- Repair and Rehabilitation
- Concrete Structures
- Structural Metals
- Foundations and Retaining Walls
- Prepurchase Surveys

PROFESSIONAL AFFILIATIONS

- American Society of Civil Engineers (ASCE)
- Structural Engineers Association of Colorado (SEAC)

CONTACT

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EXPERIENCE

Adam Moore has performed numerous site investigations related to structural repair work, utilizing visual observation and nondestructive testing techniques to identify and assess structural deficiencies. Mr. Moore has also been heavily involved in the design of retrofits for damaged or deficient concrete and metal structural systems. Much of this work has focused on the maintenance of concrete structures, including numerous parking garages.

REPRESENTATIVE PROJECTS

Repair and Rehabilitation

- 310 East 1st High Street - Central City, CO: Structural evaluation and repair recommendations for a historic wood-framed single-family home
- Peri Apartments - Golden, CO: Design and detailing of an exterior elevated concrete slab
- 1391 Speer Parking Structure - Denver, CO: Design and detailing of retrofit connections between steel stairs and brick masonry walls

Concrete Structures

- Office Tower - CA: Field assessment and evaluation for construction defects in drilled concrete piers for new skyscraper
- Lockheed Martin Rooftop Parking Deck - Littleton, CO: Evaluation and creation of repair documents for rooftop parking deck and spiral access ramps
- Park Central Parking Structure - Denver, CO: Visual observation, nondestructive, and destructive evaluation to assess and develop repair recommendations for post-tensioned concrete slabs

Structural Metals

- Local School District Crawlspace Assessment - CO: Field assessment and repair/rehabilitation recommendations for structural steel floor framing in thirty-four elementary, middle, and high schools
- Aurora VA Hospital Generator Exhaust Stacks - Aurora, CO: Design of structural steel hanger frames to support rooftop exhaust stacks

- 1660 Lincoln Elevator Repair - Denver, CO: Design of a temporary structural aluminum frame to support a 6,000-pound elevator hoist motor during repairs

Foundations and Retaining Walls

- Low Rise Office Building - Loveland, CO: Interior elevation monitoring of a single-story structure using a high-precision altimeter to identify movement caused by soil heave
- Westview Middle School - Longmont, CO: Interior elevation surveying and creation of topographic plots using a high-precision altimeter to provide recommendations to address issues of soil settlement and heave
- 303 Technology Drive - Broomfield, CO: Interior and exterior elevation monitoring of single-story commercial structure with issues of past soil settlement using a high-precision altimeter and surveying level

Prepurchase Surveys

- Snowmass Base Village - Snowmass, CO: Condition assessment of a concrete-framed parking garage podium structure and four concrete framed condominium/retail structures
- Waterfront Apartments - Lakewood, CO: Visual observation of numerous wood-framed apartment balconies with exposed joists affected by distress and deterioration