

Terrence McGovern | Senior Associate



EDUCATION

- University of Michigan
 - Bachelor of Science, Engineering, Civil Engineering, 2008
 - Master of Science, Engineering, Civil Engineering, 2009

PRACTICE AREAS

- Concrete Structures
- Condition Assessment
- Coatings
- Failure/Damage Investigations
- Facade Access and Fall Protection Requirements
- Structural Evaluation

REGISTRATIONS

- Professional Engineer in CO

PROFESSIONAL AFFILIATIONS

- American Concrete Institute (ACI)
- International Concrete Repair Institute (ICRI) - Rocky Mountain Chapter Executive Board of Directors
- Structural Engineers Association of Colorado (SEAC)

TECHNICAL COMMITTEES

- SEAC - Precast Concrete

CONTACT

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EXPERIENCE

Terry McGovern has participated in the investigation and rehabilitation of multiple concrete, steel, and wood structures. Many of these projects have included in-depth analysis, repair design, production of construction documents, and observation services during construction.

Mr. McGovern's focus lies in the area of existing structures, with an emphasis on concrete structures. He has participated and led the evaluation of many cast-in-place, precast, prestressed, and post-tensioned concrete structures. These evaluations have included assessments of structures to develop long term maintenance plans as well as to address current failures or distress.

In addition, Mr. McGovern has also evaluated numerous concrete and coating material failures, identifying the causes of the failures and providing recommendations for repair.

REPRESENTATIVE PROJECTS

Condition Assessment

- Sports Authority Field at Mile High - Denver, CO: Observations and evaluation of various existing stadium structural and architectural components
- Denver, CO: Slab-on-ground distress review and recommendations for revised practices and specifications
- Drinking Water Storage Tanks - Englewood, CO: Condition assessment of two three-million gallon concrete water tanks
- Sheraton Hotel and Resort - Steamboat Springs, CO: Evaluation of and repair design for existing load-bearing brick masonry walls
- 1801 California - Denver, CO: Evaluation and repair design of precast concrete parking structure distress
- 1660 Lincoln - Denver, CO: Assessment and repair design of precast parking structure

Coatings

- Aircraft Hangar - Loveland, CO: Evaluation of coating and concrete slab-on-ground
- Thule Building - Boulder, CO: Assessment of floor coating and repair recommendations
- Millennium Bridge - Denver, CO: Review of traffic coating on pedestrian bridge

Structural Evaluation

- 1660 Lincoln - Denver, CO: Evaluation of precast concrete floor for file storage loads
- Legacy Cascades - Englewood, CO: Evaluation and repair design of deteriorated foundation wall elements
- Hampden East Condominium Association - Denver, CO: Investigation and evaluation of precast double tee elements to support revised roof loading
- 500 Quivas Street - Denver, CO: Evaluation of existing steel framing for increased loads due to a change in use
- Ft. Leavenworth - Leavenworth, KS: Evaluation, review, and design of shoring for remodel of historic structure
- Various Schools - CO: Analysis, structural repair design, and construction observation services
- Lee County Courthouse - Giddings, TX: Observations and evaluation of historic wood-framed balcony

Failure/Damage Investigations

- Erie Middle School - CO: Investigation of damage due to natural gas explosion
- Southlands Shopping Center - Aurora, CO: Tornado damage investigation of roof deck and supporting steel joists
- Ponderosa Villas - Denver, CO: Damage evaluation and repair recommendations for multistory wood-framed apartments
- Summit at Rock Creek - Superior, CO: Evaluation of damage and repair plans for wood and steel members as a result of fire

Facade Access and Fall

Protection Requirements

- 1660 Lincoln - Denver, CO: Evaluation and testing of existing fall protection systems
- Colorado Department of Public Health Building - Denver: Roof anchor testing for conformance with OSHA regulations
- Hotel Monaco - Denver, CO: Testing and production of repair documents for fall protection anchors