



PERSONNEL QUALIFICATIONS

Ann Harrer | Associate Principal



EDUCATION

- University of Illinois at Urbana-Champaign
 - Bachelor of Science, Civil Engineering, 2003
 - Master of Science, Civil Engineering, 2005

PRACTICE AREAS

- Condition Assessment
- Repair and Rehabilitation Design
- Historic Preservation
- Failure Investigation
- Materials Evaluation
- Concrete Deterioration

REGISTRATIONS

- Civil Engineer in CA and NV
- Professional Engineer in MA

PROFESSIONAL AFFILIATIONS

- American Concrete Institute, Southern California Chapter
- Association for Preservation Technology International - Western Chapter
- International Concrete Repair Institute

TECHNICAL COMMITTEES

- ACI 364 - Rehabilitation
- ACI 515 - Protection Systems, chair
- ACI 546 - Repair of Concrete

CONTACT

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EXPERIENCE

Ann Harrer has broad experience with the assessment of existing building facades and structural systems, historic preservation, materials testing, and field inspections. She has investigated and participated in the restoration of historic and architecturally significant structures. Ms. Harrer has experience with different building materials, including brick, terra cotta, marble, limestone, and cast stone as well as concrete building facade and structural elements. In addition to performing construction observations, she has performed investigations, analyses, and the development of repair designs for both structural and nonstructural elements in the built environment.

Ms. Harrer is the author of multiple papers and articles, and has presented on topics related to the assessment, conservation, and repair of concrete structures and other building materials. Ms. Harrer is the 2019 president of the American Concrete Institute, Southern California Chapter. She is also the 2019 recipient of the American Concrete Institute Young Member Award for Professional Achievement.

REPRESENTATIVE PROJECTS

Condition Assessment

- Central Artery/Tunnel Project (The Big Dig) - Boston, MA: Inspection of various elements of the Central Artery/Tunnel Project and Sumner and Callahan tunnels as well as assistance in the writing and development of the eleven-volume final report
- Ritz Carlton, Laguna Niguel - Laguna Niguel, CA: Investigation of deterioration at the post-tensioned concrete parking garage; development of repairs to concrete and post-tensioning
- Boston Housing Authority - MA: Inspection of various properties for building envelope deterioration and sources of water infiltration
- Multi-Unit Residential throughout Southern California: Condition assessment of building enclosure and development of recommendations for a prioritized and phased repair approach to address ongoing issues and concerns

Repair and Rehabilitation Design

- Loews Santa Monica - Santa Monica, CA: Investigation, repair design, and construction administration for post-tensioned concrete parking garage
- Santa Ana Federal Building - Santa Ana, CA: Assessment, repair design, and construction administration for architectural precast concrete structure
- Pacific Asia Museum - Pasadena, CA: Investigation of moisture intrusion through below-grade concrete walls; development of repairs and water management for storage areas at the historic building
- The Knolls and Westlake Canyon - Thousand Oaks, CA: Assessment of and development of repair for exposed wood landings, balconies, and guardrails
- Beverly Wilshire Hotel, Beverly Wing - Beverly Hills, CA: Inspection, repair design, and construction observation for concrete balcony repairs
- Fenway Park - Boston, MA: Inspection and construction observation during concrete seating bowl repairs and work in sections of the park constructed in 1912 and 1934
- Harbor Towers - Boston, MA: Inspection of existing conditions, development of repairs, and testing of water-resistant coating of concrete facade

Historic Preservation

- Salk Institute for Biological Studies - La Jolla, CA: Investigation, repair design, and construction observation for teak wood window conservation project; investigation and development of architectural concrete repair protocol
- Ford Theatres - Los Angeles, CA: Repair documents for concrete restoration of the amphitheater interior
- The Bollman House - Los Angeles, CA: Historic Structures Report preparation and Mills Act program assistance
- Fairmont Copley Hotel - Boston, MA: Preparation of construction documents and construction phase services for terra cotta facade element repairs
- Fenway Park - Boston, MA: Development of concrete repair procedures to match historic architectural seating bowl concrete originally constructed in 1912 and 1934