



PERSONNEL QUALIFICATIONS

George I. Taylor | Associate Principal



EDUCATION

- University of Costa Rica, San José
 - Bachelor of Science, Civil Engineering, 1982
- Illinois Institute of Technology
 - Master of Science, Civil Engineering, Structures, 1986

PRACTICE AREAS

- Building Envelope Assessment
- Parking Structures
- Reinforced Concrete Structures
- Construction Specifications
- Failure Investigations
- Leakage Investigations
- Repair and Rehabilitation Design
- Structural Investigation

REGISTRATIONS

- Structural Engineer in IL

PROFESSIONAL AFFILIATIONS

- American Concrete Institute - Illinois chapter, past president

TECHNICAL COMMITTEES

- ACI 546 - Repair of Concrete
- ACI/EAC RAP Committee E706 - Repair Application Procedures

CONTACT

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EXPERIENCE

Since joining WJE in 1986, George Taylor has been involved in the investigation and repair distress conditions of many structures. He has analyzed structural components and systems of buildings and parking garages and has investigated distress in reinforced concrete, masonry brick, limestone, and terra cotta facades. Mr. Taylor has performed water testing of facades to identify leakage locations and developed repair designs to address distress conditions on facades and parking garages.

Mr. Taylor has also been involved in more than seventy-five projects related to preconstruction surveys, rehabilitation of distressed parking structures, and preparation of specifications for building facade and garage repairs. In addition, his work has also included extensive involvement with City of Chicago Department of Water Management projects.

REPRESENTATIVE PROJECTS

Building Envelope Assessment

- 1212 South Michigan Avenue - Chicago, IL: Inspection and Repair Program
- Chicago Department of Water Management - Chicago, IL: Pumping station facade evaluations
- 3660 N. Lakeshore Drive Building - Chicago, IL: Water leakage investigation

Parking Structures

- 10 East Ontario - Chicago, IL: Garage rehabilitation
- 1550 North Lake Shore Drive - Chicago, IL: Garage rehabilitation
- 1700 East 56th Street Building - Chicago, IL: Garage rehabilitation
- Mid-continent Tower Garage - Tulsa, OK: Garage rehabilitation

Reinforced Concrete Structures

- O'Hare Pedestrian Tunnels - Chicago, IL: Leakage investigation and repair
- 401 East Ontario Condominiums - Chicago, IL: Facade inspections
- Chicago Department of Water Management - Chicago, IL: Chemical application tank relining
- Marshall Field's Store - Schaumburg, IL: Plaza rehabilitation

Repair and Rehabilitation Design

- Gold Coast Galleria Building - Chicago, IL: Facade rehabilitation
- 1700 East 56th Street Building - Chicago, IL: Facade rehabilitation
- 120 North LaSalle Street Building - Chicago, IL: Facade investigation and repair
- Marshall Field's Store - Schaumburg, IL: Masonry facade rehabilitation
- Federated Department Store Headquarters - Cincinnati, OH: Davit evaluation
- 444 North Michigan Avenue - Chicago, IL: Davit evaluation and testing