



EDUCATION

- Wentworth Institute of Technology
 - Bachelor of Science, Civil Engineering, 2023
- University of California, Berkeley
 - Master of Science, Structural Engineering, Mechanics, and Materials, 2024

PRACTICE AREAS

- Structural Analysis
- Repair and Rehabilitation
- Instrumentation/Monitoring/Load Testing

PROFESSIONAL AFFILIATIONS

- Structural Engineers Association of Massachusetts - Young Members Group

CONTACT

rmoreno@wje.com
617.946.3400
www.wje.com

EXPERIENCE

Eurico Moreno has performed investigations, repair and rehabilitation, and instrumentation and monitoring projects for various structural materials, including reinforced concrete, prestressed concrete, steel, and wood. Mr. Moreno has surveyed distressed masonry facades, performed water penetration investigations, and prepared construction drawings and details. He is proficient with AutoCAD and SAP2000 and has modeled, designed, and drafted repairs and details for construction documents.

REPRESENTATIVE PROJECTS

Structural Analysis

- Manufacturing Plant - NH: Nondestructive evaluation, analysis of existing roof structure capacity, and supplemental strengthening design
- One Marina Park Drive - Boston, MA: Analysis of composite metal deck floor slab capacity for new equipment loads
- 45 Milk Street - Boston, MA: Investigation of existing steel framing and design of steel framing elements for stairwell
- Bosson Park - Chelsea, MA: Development of repair documents for concrete retaining walls
- Omni Parker House - Boston, MA: Evaluation and analysis of flat-arch structural clay floors and walls; development of repair documents
- Chamberlin School - Taunton, MA: Structural evaluation of roof framing for new equipment loads
- 234 Washington Street - Providence, RI: Structural analysis of roof and wall assembly; design of mechanical anchorage for roof equipment and wall opening infill
- Amherst College - Amherst, MA: Analysis of timber cladding
- Massachusetts Institute of Technology, Buildings E23-25 - Cambridge: Analysis and design of skylight cavity support assembly

Repair and Rehabilitation

- Boston Public Library, Central Library - MA: Facade and interior assessment and testing of water-damaged masonry elements
- Hilton Boston Downtown, Faneuil Hall - MA: Condition assessment, repairs, and construction period services for masonry parapet walls
- Dagny Hotel - Boston, MA: Masonry facade stabilization and repair design
- Mariel Marina Bay - Quincy, MA: Condition assessment of parking garage and development of repair documents
- Sheraton Boston - MA: Condition assessment of parking garage
- One Park Lane - Boston, MA: Condition assessment of parking garage and construction period services

Instrumentation/Monitoring/Load Testing

- Manufacturing Plant - NH: Strain gauge instrumentation of existing structural members and monitoring