



PERSONNEL QUALIFICATIONS

Lynne Vu | Senior Associate



EDUCATION

- Drexel University
 - Bachelor of Science, Architectural Engineering, Structures Concentration, 2011

PRACTICE AREAS

- Structural Design
- Failure/Damage Investigation
- Concrete Structures
- Steel Structures
- Structural Evaluation
- Repair and Rehabilitation Design

REGISTRATIONS

- New York City Qualified Parking Structure Inspector
- Professional Engineer in NJ and NY

PROFESSIONAL AFFILIATIONS

- American Concrete Institute
- American Society of Civil Engineers
- International Concrete Repair Institute Metro New York Chapter
- Structural Engineers Association of New York

CONTACT

lvu@wje.com
212.760.2540
www.wje.com

EXPERIENCE

Since joining WJE in 2024, Ms. Vu has participated in a wide range of field investigations, structural rehabilitation and repair designs, pre-purchase condition surveys, adjacent construction services, and construction period services. She has completed analysis and investigations involving steel, wood, reinforced concrete, masonry, and stone structural systems.

Ms. Vu's experience includes performing condition assessments, structural analysis and modeling, nondestructive evaluation and field testing, and development of comprehensive repair documents.

REPRESENTATIVE PROJECTS

Failure/Damage Investigation

- 174 Passaic Avenue - Garfield, NJ: Investigation of segmental retaining wall modular block failures
- New York Public Library, Epiphany Library - NY: Investigation of displaced stone facade units over windows
- Rego Center - New York, NY: Investigation of pipe support failures
- Major Shopping Center - New York, NY: Investigation of fire-damaged precast concrete parking structure

Concrete Structures

- 133 West 22nd Street - New York, NY: Concrete condition assessment, design of concrete repairs, and below-grade waterproofing
- Port Authority of New York and New Jersey, Bus Depot - New York, NY: Concrete truss strand evaluation
- Bergen Town Center - Paramus, NJ: Condition evaluation of precast double tee parking structure and repair design
- Rego Center - New York, NY: Condition evaluation of precast double tee parking structure and repair design
- Taino Towers - New York, NY: Generator pad and concrete barrier wall design

Steel Structures

- New York Public Library, Columbus Library - NY: Structural reinforcement design for existing exposed steel during facade repair project

- 250 West 57th Street - New York, NY: Structural steel reinforcement and replacement design for twenty-six-floor steel fire stair tower
- 490 Broadway - New York, NY: Steel framing and reinforcement design to support load-rated sidewalk vault hatch door installation
- 60 West 57th Street - New York, NY: Steel shelf angle repairs and stone anchor support design during facade repair project

Structural Evaluation

- 200 East 67th Street - New York, NY: Condition assessment and reporting of below-grade reinforced concrete parking structure
- Riverbank Luxury Apartments - New York, NY: Due diligence assessment of reinforced concrete parking structure attached to high-rise building; ten-year anticipated repair and maintenance cost plan
- 44 South Broadway Parking Garage - White Plains, NY: Condition assessment and reporting of precast double tee parking structure

Repair and Rehabilitation Design

- City College of New York, Art Gallery - NY: Design of temporary support for the renovation of a historic structure
- St. Martin's Tower - New York, NY: Repair of cast-in-place concrete facade
- AvalonBay - Great Neck, NY: Design of wood repairs for water-damaged decks, columns, bearing walls, and shear walls
- 50 Sutton Place South - New York, NY: Repair of below-grade concrete waffle slab parking structure
- Major Retail Store Chain - New York, NY: Design of retrofit steel connections for failed precast tilt-up wall panel connections