

## John M. Nedley | Senior Civil/Structural Engineer, PE

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### Professional Summary:

Mr. Nedley has over thirty-five years of experience in the inspection, evaluation, design and rehabilitation of structures. He has expertise in buildings, bridges, retaining walls, towers, and drainage systems and structures, and has worked with a wide range of materials, including steel, timber, masonry, and reinforced and prestressed concrete. Mr. Nedley evaluates residential and commercial buildings and retaining walls for failure due to improper design, defective fabrication and erection, settlement, vehicular impact, extreme weather events, excessive loading, and insect infestation, and he determines compliance with applicable codes, standards and specifications, as well as conformity with industry standards of practice. Mr. Nedley has conducted evaluations within the following areas of expertise:

- Residential, Commercial and Industrial Buildings
- Retaining Walls
- Towers
- Highway and Railroad Bridges
- Roadway Design and Maintenance
- Surface and Storm Water Drainage

### Licenses and Certifications:

Professional Engineer, Pennsylvania, License # PE038627E

Professional Engineer, West Virginia, License # 10987

### Project Experience:

#### **Michael Facchiano Contracting, Inc., Pittsburgh, PA Building Water Intrusion**

Determined the origin and cause of water intrusion that occurred at the lowest level of a building following a heavy rainfall, and whether it was related to concurrent reconstruction of a municipal storm drainage system located at the near side of the roadway adjacent to the building.

#### **Cincinnati Insurance Structural Collapse of Wood Pole Type Structure**

Determined the cause of the collapse of a municipal salt shed during its construction. The investigation included the inspection of the structure in its collapsed position and the evaluation of the design and construction documents.

**Berkshire Hathaway / Law Offices of Robert Stutman, Fort Washington, PA  
Apartment Building Floor Structural Failure**

Determined the cause of the failure of a number of floor trusses in a unit of a five-story apartment building that had been completed less than a year earlier. The investigation included the inspection of the affected wood floor trusses and the evaluation of the design and construction documents.

**White and Williams LLP, Philadelphia, PA  
Structural Collapse of a Steel Framed Building**

Determined the cause of the collapse of a prefabricated steel framed building that occurred after an above-average snowfall. Determined that critical lateral bracing for frame legs had been either omitted or removed because of interference with overhead garage door openings, reducing the structure's capacity to support anticipated loading.

**Professional Experience:**

EFI Global, Civil/Structural Engineer, 2008 – current  
Robson Forensic, Civil/Structural Engineer, 2001 – 2008  
Parsons Brinckerhoff, Civil/Structural Engineer, 1983 – 2001  
New Jersey Department of Transportation, Engineer, 1983 – 1983

**Education:**

Master of Science, Civil Engineering, Lehigh University, Bethlehem, PA, 1987  
Bachelor of Science, Civil Engineering, Pennsylvania State University, University Park, PA, 1981

**Affiliations:**

American Society of Civil Engineers (ASCE)  
Structural Engineering Institute of ASCE (SEI)  
Association for Bridge Construction and Design (ABCD)  
American Association of Highway Engineers (ASHE)