

Christopher D. Lemley | Associate III



EXPERIENCE

Christopher Lemley contributes to a wide range of structural engineering and building enclosure projects. He is experienced in failure and damage investigations, structural assessments, load testing, and the design of steel, concrete, and wood structural repairs. His building enclosure expertise includes water and air infiltration investigations, new construction consulting, and repair design. Mr. Lemley also conducts building enclosure peer reviews, facade engineering design, and facade failure investigations.

REPRESENTATIVE PROJECTS

Failure/Damage Investigations

- Spaghetti Warehouse - Columbus, OH: Wood truss collapse investigation and structural condition assessment
- Columbus Crew Stadium - OH: Failed roof attachment investigation and litigation support
- I. Schumann and Company - Bedford, OH: Post-explosion structural evaluation and demolition consulting
- LECOM Harborcenter - Buffalo, NY: Facade failure investigation, repair design, and construction phase services
- Beau Rivage Condominiums - Fort Meyers, FL: Post-hurricane damage assessment
- Grande Excelsior Condominiums - Naples, FL: Post-hurricane damage assessment
- Grand Geneva Condominiums - Naples, FL: Post-hurricane damage assessment

Structural Assessment and Repair

- Ohio State University (OSU), Ohio Stadium - Columbus: Corrosion/deterioration investigation and repair design for composite deck and steel staircases
- Prince International - Nashville, TN: Corrosion assessment of steel roof trusses
- The Carlyle of Lakewood Condominiums Garage - Lakewood, OH: Evaluation of reinforced concrete parking structure; multiyear repair program and construction phase services
- Southfield Tower - Southfield, MI: Analysis and design of alterations to reinforced concrete structure

- Ellet Akron Mall - OH: Investigation of water leakage and structural deterioration
- MARS Petcare Manufacturing Facility - Columbus, OH: Corrosion investigation and demolition sequencing analysis
- Rivage Condominiums - Bal Harbor, FL: Demolition sequencing and safety consulting

Facade Access

- Omni William Penn Hotel - Pittsburgh, PA: Facade access anchor design and load testing
- OSU, Wexner Medical Center, The James Hospital - Columbus: Custom curtain wall embedded anchorage load testing
- 800 Superior Avenue - Cleveland, OH: Facade access anchor design and load testing
- The Justice Center - Cleveland, OH: Facade access anchor load testing

Building Enclosure Commissioning

- OSU, West Campus Ambulatory - Columbus: Building enclosure commissioning, construction troubleshooting, and performance testing
- Oberlin College, New Student Housing Building - OH: Peer review, building enclosure commissioning, and performance testing

Building Enclosure Consulting

- NEOMED Wellness Center Natatorium - Rootstown, OH: Air infiltration and condensation investigation, repair design, and construction phase services
- Tavistock Headquarters B - Orlando, FL: Building enclosure construction defects repair consulting and construction phase services
- OSU, Executive Airport - Columbus: Air infiltration investigation
- Corning Sullivan Park - Painted Post, NY: Skylight condition assessment and water infiltration investigation
- OSU, Weigel Hall - Columbus: Masonry wall deterioration investigation
- 800 Superior Avenue - Cleveland, OH: Masonry facade assessment and repair design
- Cleveland Botanical Gardens - OH: Parking garage water infiltration investigation

EDUCATION

- Case Western Reserve University
 - Bachelor of Science, Civil (Structural) Engineering, 2021
 - Master of Science, Civil (Structural) Engineering, 2022

PRACTICE AREAS

- Failure/Damage Investigations
- Structural Assessment and Repair
- Facade Access
- Building Enclosure Commissioning
- Building Enclosure Consulting
- Structural Metals
- Concrete Structures
- Litigation Consulting

REGISTRATIONS

- FAA Part 107 Remote Pilot
- OSHA 30-Hour Construction
- Professional Engineer in TX

PROFESSIONAL AFFILIATIONS

- American Society of Civil Engineers
- Structural Engineers Association of Ohio

CONTACT

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