



EDUCATION

- Ohio University
 - Bachelor of Science, Civil Engineering, 2006
- Lehigh University
 - Master of Science, Structural Engineering, 2008

REGISTRATIONS

- Professional Engineer in OH

PRACTICE AREAS

- Failure/Damage Investigations
- Structural Evaluation
- Windows and Curtain Walls
- Facade Assessment
- Masonry
- Repair and Rehabilitation
- Water/Air Leakage Assessment
- Roofing and Waterproofing
- Wood Structures

PROFESSIONAL AFFILIATIONS

- Structural Engineers Association of Ohio (SEAoO)
- Building Enclosure Council

CONTACT

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EXPERIENCE

Jonathan Kovach has broad-based experience in investigations, including those for structural failures, fire damage, and distressed building conditions for structural components and facades of historic and contemporary structures. He is also experienced in the evaluation and stabilization of terra cotta components and the investigation of water infiltration for various facade systems. His projects involve the examination and evaluation of steel, concrete, wood, and masonry structures. In addition, Mr. Kovach has also prepared repair documents and performed construction period services (CPS).

REPRESENTATIVE PROJECTS

Failure/Damage Investigation

- Ohio State University, Agricultural Research and Development Center, - Wooster: Campus-wide structural and building envelope condition assessments due to tornado damage
- Dorchester Village Apartments - Richmond Heights, OH: Investigation and repair design for fire damage to steel decking, steel joists, and concrete masonry unit walls
- Lorain County Community College - Elyria, OH: Investigation of fire damage to an underground concrete tunnel system

Structural Evaluation

- 911th Airlift Wing - Pittsburgh, PA: Evaluation and repair design for the lateral force resisting system wood-framed building
- Hamilton House Garage - Mayfield Heights, OH: Investigation of distress to elevated post-tensioned concrete slabs
- Renaissance Cleveland Hotel - Cleveland, OH: Investigation, repair design, and CPS for corroding steel framing and composite deck
- Medina County District Library, Lodi Branch - Lodi, OH: Investigation and analysis of timber framing
- FirstMerit Tower - Akron, OH: Design and CPS for signage support framing; terra cotta repairs

Windows and Curtain Walls

- Ohio State University, Knowlton Hall - Columbus: Evaluation of glazing restraint for curtain wall system

Masonry

- Renaissance Cleveland Hotel - Cleveland, OH: Masonry and terra cotta inspection, stabilization, and restoration; redesign of terra cotta balustrade
- Ohio State University, Fisher Auditorium - Wooster: Investigation of limestone cladding panels
- Higbee Building - Cleveland, OH: Condition assessment of limestone and terra cotta cladding
- Capital University, Loy Hall - Columbus, OH: Masonry condition assessment of historic building
- Portage Towers - Cuyahoga Falls, OH: Investigation of brick masonry facade

Repair and Rehabilitation

- The Inn at Ohio Northern University - Ada, : Masonry facade recladding and structural repairs
- A.J. Celebrezze Federal Building - Cleveland, OH: BECx of a dual-skin facade comprised of new unitized curtain wall over existing facade

Water/Air Leakage Assessment

- Cleveland Museum of Art - Cleveland, OH: Investigation of below-grade water infiltration; development and testing of repairs
- Ohio State University, Kottman Hall - Columbus: Investigation of water infiltration through brick cavity walls
- UPMC Sports Performance Complex - Pittsburgh, PA: Water penetration testing of aluminum curtain wall and polycarbonate glazing systems
- Westinghouse Corporate Headquarters - Cranberry Township, PA: Whole building air leakage test

Roofing and Waterproofing

- Perry's Victory and International Peace Memorial - South Bass Island, OH: Existing upper plaza waterproofing evaluation and inspection of temporary repairs
- FirstMerit Tower - Akron, OH: Sidewalk waterproofing repairs
- Large Medical Center - Northeast OH: Roof failure investigation, consulting, and CPS of replacement roof assembly