



## PERSONNEL QUALIFICATIONS

### Logan J. Cook | Senior Associate



#### EDUCATION

- Purdue University
  - Bachelor of Science, Construction Engineering, 2010
  - Master of Science, Engineering, 2011

#### PRACTICE AREAS

- Repair and Rehabilitation Design
- Condition Assessment
- Construction Observation Services
- Roofing and Waterproofing
- Structural Evaluation
- Historic Preservation
- Difficult Access Inspections
- Bridge Inspection

#### REGISTRATIONS

- Professional Engineer in IN, IL, KY, and OH
- NHI Course 130078 - Fracture Critical Inspection Techniques of Steel Bridges

#### PROFESSIONAL AFFILIATIONS

- FEMA Indiana Task Force 1 Urban Search and Rescue Team - Structural Specialist

#### CONTACT

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#### EXPERIENCE

Since joining WJE in 2012, Logan Cook has worked on a variety of projects, including repair and rehabilitation design, difficult access inspections, construction observation, condition surveys, facade assessments, and structural analyses. He performs evaluations and investigations of roofing and waterproofing, cold form and structural steel, masonry, wood, concrete. Mr. Cook manages and assists in the preparation of repair documents and construction administration for repair implementation. He collaborates with other WJE professionals as a project manager or project associate and contributes to projects ranging from sport venues to high-rise buildings, museums, multifamily apartments, and bridges.

Prior to joining WJE, Mr. Cook gained work experience in engineering, contracting, and commercial real estate development. During this time, he developed an understanding of the construction industry and the role that owners, builders, and designers play in successful project delivery.

#### REPRESENTATIVE PROJECTS

##### Repair and Rehabilitation Design

- St. Vincent Parking Garage - Indianapolis, IN: Concrete and waterproofing repairs
- Tyson Activity Center - Versailles, IN: Historic masonry facade assessment and repair
- Indianapolis Downtown Heliport - Indianapolis, IN: Concrete structural framing investigation and repair design

##### Condition Assessment

- School for Creative and Performing Arts - Cincinnati, OH: Historic masonry facade assessment
- Coca-Cola Bottling Company Building - Indianapolis, IN: Historic masonry facade assessment
- Thirtieth Street Station - Philadelphia, PA: Facade assessment and repair design

##### Construction Observation Services

- Soldier Field - Chicago, IL: Exterior soffit cold-form steel framing observation
- Penn Circle Apartments - Carmel, IN: Masonry condition assessment and repair observation

- Loyola University - Chicago, IL: Exterior wall cold-form steel framing observation

##### Roofing and Waterproofing

- Banker's Life Fieldhouse - Indianapolis, IN: Assessment, replacement design, and construction administration
- Victory Field - Indianapolis, IN: Assessment of roofing systems for capital planning

##### Structural Evaluation

- University of Notre Dame, Joyce Athletic and Convocation Center - South Bend, IN: Code review and repair design for suspended catwalk in basketball arena
- Purdue University, Ross Ade Stadium - W. Lafayette, IN: Grandstand evaluation and inspection for capital planning and maintenance program
- Purdue University, Mackey Arena - West Lafayette, IN: Evaluation of roof framing for installation of new scoreboard
- Purdue University, Bell Tower - West Lafayette, IN: Corrosion study of steel framing

##### Historic Preservation

- Indiana War Memorial - Indianapolis, IN: Building limestone facade and waterproofing evaluation and repair design
- Auburn Cord Duesenberg Automobile Museum - Auburn, IN: Masonry and roofing assessment for historic structures report
- Indiana University Art Museum - Bloomington, IN: Exterior concrete facade cleaning and repairs
- Washington Park Greenhouse - Michigan City, Indiana: Design team lead for investigation and restoration of building for adaptive reuse for public safety

##### Difficult Access Inspections

- Oklahoma State Capitol - Oklahoma City, OK: Facade assessment
- City Hall - Chicago, IL: Facade Assessment
- Tribune Tower - Chicago, IL: Facade assessment

##### Bridge Inspection

- I-65 Over SR 46 - Columbus, IN: Bridge inspection
- Leo Frigo Bridge - Green Bay, WI: Inspection of suspension cables