



PERSONNEL QUALIFICATIONS

Logan J. Cook | Associate Principal and Unit Manager



EDUCATION

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

PRACTICE AREAS

- Repair and Rehabilitation Design
- Condition Assessment
- Failure/Damage Investigation
- Roofing and Waterproofing
- Structural Evaluation
- Historic Preservation
- Difficult Access Inspections
- Bridges and Civil Infrastructure

REGISTRATIONS

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

PROFESSIONAL AFFILIATIONS

- Building Enclosure Council - Indiana, president
- FEMA Indiana Task Force 1 Urban Search and Rescue Team, structural specialist
- International Concrete Repair Institute - Indiana Chapter
- State of Indiana Fire Prevention and Building Safety Commission Appointee

CONTACT

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EXPERIENCE

Logan Cook is an engineer with project experience involving failure investigations, repair and rehabilitation design, difficult access inspections, construction observation, condition surveys, facade assessments, and structural analysis. He performs evaluations and investigations of roofing and waterproofing, cold-form and structural steel, masonry, wood, and 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 sports venues to high-rise buildings, museums, multifamily apartments, hospitals, and bridges.

Mr. Cook joined WJE in 2012 and had gained prior work experience in engineering, contracting, and commercial real estate development. He understands the role that owners, builders, and designers play in successful project delivery.

REPRESENTATIVE PROJECTS

Repair and Rehabilitation Design

- The Assembly - Indianapolis, IN: Historic concrete, brick, and terra cotta facade repair
- St. Vincent Parking Garage - Indianapolis, IN: Collapse investigation and concrete and waterproofing repairs
- Indianapolis Downtown Heliport - IN: Concrete structural framing investigation and repair design

Condition Assessment

- Indiana War Memorial Commission - Indianapolis: Condition assessment of multiple monuments, statues, and buildings for capital planning
- William H. Gray III 30th Street Station - Philadelphia, PA: Facade assessment and repair design

Failure/Damage Investigation

- Multiple Buildings - Nashville, TN; Investigation of damage resulting from 2020 Christmas bombing
- Warehouse - McCordsville, IN: Investigation of partial collapse following tornado event
- Nashville Sounds Stadium - TN: Tornado damage assessment of stadium roofing, seating, and structure

Roofing and Waterproofing

- Gainbridge Fieldhouse - Indianapolis, IN: Assessment, replacement design, and construction administration
- Victory Field - Indianapolis, IN: Assessment of roofing systems for capital planning
- Capitol Center - Indianapolis, IN: Plaza waterproofing investigation and replacement design

Structural Evaluation

- St. Vincent Center/Pacers Practice Facility - Indianapolis, IN: Terra cotta rainscreen framing 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 - West Lafayette, IN: Grandstand evaluation and inspection for capital planning and maintenance program
- Purdue University, Mackey Arena - West Lafayette, IN: Evaluation of roofing and 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: Building limestone facade and waterproofing and historic plaster repair design
- Indiana University Art Museum - Bloomington: Exterior concrete facade cleaning and repairs
- Washington Park Greenhouse - Michigan City, IN: Design team lead for investigation and restoration of building for adaptive reuse for public safety

Difficult Access Inspections

- OneAmerica Tower - Indianapolis, IN: Facade access anchorage evaluation
- Oklahoma State Capitol - Oklahoma City: Facade assessment
- Tribune Tower - Chicago, IL: Facade assessment

Bridges and Civil Infrastructure

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