PERSONNEL QUALIFICATIONS

Joshua T. Boggs | Senior Associate

EDUCATION

- The Citadel
  - Bachelor of Science, Civil Engineering, 2006
- Virginia Polytechnic Institute and State University
  - Master of Science, Structural Engineering, 2008

PRACTICE AREAS

- Structural Analysis/Computer Applications
- Construction Troubleshooting
- Facade Assessment
- Disaster Response
- Litigation Consulting

REGISTRATIONS

- Professional Engineer in OH
- ODOT Certified Bridge Inspection Team Leader

PROFESSIONAL AFFILIATIONS

- Building Enclosure Council
- Northern Ohio Society for Healthcare Engineering

CONTACT

Jboggs@wje.com
216.642.2300
www.wje.com

EXPERIENCE

Joshua Boggs has extensive experience in inspection and investigation of deterioration and failures of building materials and structural components of new and existing structures. These investigations include a variety of materials and systems, including structural steel, cast-in-place concrete, masonry and stone cladding, stucco, EIFS, glazed curtain walls and windows, membrane waterproofing, and flashings.

In addition, Mr. Boggs works with managing large-scale multifacility investigations and repair projects requiring the coordination of numerous personnel during phases of investigation, repair design, and construction administration.

REPRESENTATIVE PROJECTS

Structural Analysis/Computer Applications

- Major Retail Chain - Nationwide: Evaluation of damage to and repair design for open-web steel joists
- West General Robinson Garage - Pittsburgh, PA: Precast concrete condition assessment

Construction Troubleshooting

- Major Nationwide Retail Chain: Budgeting, scheduling, and coordination of contractors, inspection agencies, and repair documentation for hundreds of open-web steel-joist enhancement and repair projects nationwide
- Ambler Johnson - Blacksburg, VA: Full-time construction services for facade renovations including lead and asbestos abatement and masonry repairs *
- Graduate Housing - Williamsburg, VA: On-site construction services for comprehensive renovations for multiyear-phase construction *

Facade Assessment

- Ohio State University Davis Heart & Lung Research Institute - Columbus: Investigation of rainwater penetration through-cladding components, including an aluminum curtain wall system, metal wall panels, and brick masonry, leading to development of repair contract documents
- Kohl Building - Oberlin, OH: Investigation of air leakage and condensation due to vapor diffusion
- Roanoke Higher Education Center - Roanoke, VA: Evaluation and repair design for distressed masonry *

Disaster Response

- Ohio State University, Wooster Campus - Columbus, OH: Campus-wide assessment for building envelope and structural damage resulting from an EF2 tornado

Litigation Consulting

- Southgate Towers - Baton Rouge, LA: Investigation of stucco facade and water infiltration incorporating design and code reviews *
- Private Townhomes - Charleston, SC: Fiber cement board siding investigation including laboratory testing and analysis *

** Indicates with previous firms*