



EDUCATION

- University of Miami
 - Bachelor of Science, Mechanical Engineering, 2004

PRACTICE AREAS

- Roofing and Waterproofing
- Roof Assessment and Design
- Peer Review
- Failure/Damage Investigations
- Field Monitoring
- Research and Product Evaluation

REGISTRATIONS

- FAA Licensed Remote Pilot

PROFESSIONAL AFFILIATIONS

- ASTM International
- National Roofing Contractors Association
- RCI, Inc.

CONTACT

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EXPERIENCE

Chadwick Collins joined WJE in 2017 with more than ten years of roofing experience. His work includes on-site assessments, roof failure investigations, roofing document reviews, and product training. Mr. Collins also has experience with material and system testing to evaluate wind, fire, and impact performance.

Mr. Collins participates in standards development impacting the roofing industry at ASTM International, and has worked with several trade groups in evaluating the impacts of the changes to ASCE-7 on the roofing industry.

REPRESENTATIVE PROJECTS

Roof Assessment and Design

- Muhammad Ali Center - Louisville, KY: Roof assessment of modified bitumen roofing system*
- Simon Property Group Headquarters - Indianapolis, IN: Roof assessment of single-ply roofing system*
- Delray Beach Public Library - Delray Beach, FL: Roof assessment of modified bitumen roofing system*

Peer Review

- Broken Arrow Freshman Academy - Broken Arrow, OK: Roofing specification and drawings

Failure/Damage Investigations

- Taft Independent School District - Taft, TX: Damage assessment of multiple facilities after Hurricane Harvey
- Ingleside Independent School District - Ingleside, TX: Damage assessment of multiple facilities after Hurricane Harvey
- Aransas County Independent School District - Rockport, TX: Damage assessment of multiple facilities after Hurricane Harvey*

Field Monitoring

- Indiana University, Sigma Alpha Epsilon - Bloomington, IN: Observation of roofing and exterior wall repairs.
- Toyota Motor Manufacturing Indiana, Inc. - Princeton, IN: Observation of single-ply roofing system installation
- Indianapolis International Airport: Observation of single-ply roofing system installation*

Research and Product Evaluation

- Construction and evaluation of various roofing systems tested for approval with FM Global, Underwriters Laboratory, and Miami-Dade County*

**Indicates with previous firm*

TECHNICAL COMMITTEES

- ASTM C16 - Thermal Insulation
- ASTM D08 - Roofing and Waterproofing
- ASTM E05 - Fire Standards
- ASTM E06 - Performance of Buildings
- ASTM E60 - Sustainability
- ASTM F38 - Unmanned Aircraft Systems