



EDUCATION

- Georgia Institute of Technology
 - Bachelor of Science, Civil Engineering, 2012
 - Master of Science, Civil Engineering, 2013
- Georgia State University
 - Certificate of Heritage Preservation, 2013

PRACTICE AREAS

- Masonry
- Failure/Damage Investigations
- Repair and Rehabilitation
- Nondestructive Evaluation

REGISTRATIONS

- Professional Engineer in VA

PROFESSIONAL AFFILIATIONS

- American Concrete Institute
- American Society of Civil Engineers
- Association for Preservation Technology

CONTACT

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EXPERIENCE

Maggie Smith has performed investigations, condition assessments, repair design, and construction observation services for a variety of facade systems, including brick masonry cavity walls and mass walls, limestone, granite, and marble panel veneers, and architectural terra cotta on both contemporary and historically significant buildings and structures. Ms. Smith has experience in masonry and preservation including research into nonlinear surface waves to nondestructively evaluate microstructural changes in stone as well as analysis of retrofit anchors for the marble units of the Propylaea on the Acropolis in Athens, Greece.

REPRESENTATIVE PROJECTS

Masonry

- Thurgood Marshall Federal Judiciary Building - Washington, D.C.: Facade survey and investigation of the granite facade
- The Longworth House Office Building - Washington, D.C.: Facade survey and investigation of the historic marble, granite, and limestone facade
- The John Adams Library of Congress Building - Washington, D.C.: Facade survey and investigation of the historic marble and granite facade
- 1501 K Street - Washington, D.C.: Facade survey and investigation of the historic terra cotta and limestone

Failure/Damage Investigations

- Hart Senate Office Building - Washington, D.C.: Investigation and analysis of marble
- U.S. Department of Transportation (DOT) Precast Issue - Washington, D.C.: Investigation of precast panels
- Calvert Cliffs Nuclear Power Plant - Lusby, MD: Concrete survey, development of repair documents, and construction observation
- National Sporting Library and Museum - Middleburg, VA: Water leakage investigation and facade and roof survey
- Hotel Monaco - Washington, D.C.: Water leakage investigation, historic investigation and documentation of existing architectural components, and development of repair documents

Repair and Rehabilitation

- Homer Building - Washington, D.C.: Construction administration services during repairs of the modern cast stone and limestone facade and the historic glazed architectural terra cotta facade
- Westory Building - Washington, D.C.: Construction administration services during repairs of the modern cast stone and limestone facade and the historic glazed architectural terra cotta facade
- DOT Fitness Showers - Washington, D.C.: Construction administration services during shower installation
- Blair Plaza Penthouse Brick Repair - Silver Springs, MD: Construction administration services during brick veneer reconstruction
- Russell Senate Office Building - Washington, D.C.: Review of stone facade rehabilitation construction documents

Nondestructive Evaluation

- Silver Springs Transit Center - Silver Springs, MD: Ground penetrating radar of post-tensioned concrete structure