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Subject: CLG Technical Webinar 8 - Historic Masonry Facade Repairs: When to Call a Structural Engineer
Date: Thursday, September 22, 2022 9:34:01 AM

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Good Morning CLGs:

Below is information about a training that you may be interested in. Please pass on to your staff and commission members.

Best,

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State, Tribal, Local, Plans & Grants

National Park Service
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Historic Masonry Façade Repairs: When to Call a Structural Engineer

Wednesday October 12 at 12:00pm EST

Brick building with bell tower and trees



A brick building with a cupola and trees

Presented by Rachel Shanley, P.E.

Date: Wednesday, October 12 at 12:00pm EST

Historic masonry buildings provide an important connection to a community's past, but require additional care and attention to maintain performance and safety for building owners and occupants. Often, these buildings' structures also serve as the façade, enhancing the need for a multidisciplinary approach to rehabilitation. When restoring these buildings, it is important to understand the building's structure to provide a suitable repair that respects its architecture. Selecting appropriate materials and construction methods is important to achieve a finished product that is sensitive to the building's historic character. In this webinar, we will describe various types of masonry buildings and explore common and unique types of masonry problems. We will also review what triggers a structural repair versus an aesthetic or building enclosure repair, and explore examples of structural details created to repair localized masonry problems.

After attending [this webinar](#), participants will be able to:

- Understand different types of masonry building construction.
- Identify common problems associated with each masonry building type.
- Recognize when masonry repairs require structural engineering repairs.
- Pull from a toolchest of creative structural solutions for complicated masonry repairs.

[Register](#)

SPEAKER

Rachel Shanley, P.E. | Senior Project Manager

Rachel Shanley has extensive structural engineering experience and serves as a liaison for SGH's multidisciplinary teams of structural and enclosure engineers tackling integrated repairs and rehabilitation of historic buildings. While she has taken on many roles in different types of projects, including historic building renovation and new building design, Rachel is drawn to old buildings, especially buildings in disrepair and buildings with a history of uncertain modifications.

State, Tribal, Local, Plans & Grants

State, Tribal, Local, Plans & Grants (STLPG) Division of the National Park Service manages eleven competitive and formula grant programs funded by the Historic Preservation Fund (HPF). Our grant programs assist with a variety of historic preservation projects through partnerships with [State and Tribal Historic Preservation Offices](#), [local communities](#), and preservation organizations across the 50 states, the District of Columbia, 5 territories, and the 3 Freely Associated States.

[**Grant Programs**](#)