

Instructors

John Speweik

John Speweik, CSI is a historic masonry specialist for Speweik Preservation Consultants, Inc., an independent historic masonry consulting firm based in Elgin, Illinois.

John works exclusively on historic masonry preservation projects nationwide. He is a leading U.S. expert in historic masonry preservation with 30 years of experience in this field. He is a fifth generation stonemason from a family of masons dating back to 1870 in Posen, Prussia. John frequently lectures on the subject of stone masonry restoration and preservation at state historic preservation conferences throughout the country. He is co-author of the National Park Service Preservation Brief #2, "Repointing Mortar Joints in Historic Masonry Buildings" and he has written books and articles regarding historic masonry for industry magazines. His project experience includes numerous state capitol buildings, federal monuments, large high-rise buildings, and significant campus structures at universities around the country.

As a mason, John understands masonry building materials from a true hands-on perspective. An important goal of John's work has been to develop historic rehabilitation treatment recommendations and certified project specifications sensitive to the historic integrity of each specific structure which establish the workmanship quality standard for installation.

In support of this goal, John Speweik has created a unique test panel Historic Stone Masonry Certificate Training Program. The training incorporates "on-the-wall" skill demonstrations in order to evaluate worker proficiency in the execution of the specified project treatments. The training program has been widely successful because it features masons teaching masons the means and methods of historic masonry architecture and their individual responsibility and role they play in preserving it through the tools of the trade.

Barritt Lovelace

Barritt Lovelace is a licensed professional engineer and has 20 years of structural engineering experience in both bridge design and inspection. He has designed over 50 bridges has performed over 500 bridge inspections including underwater and rope access inspections. Barritt recently inspected the Stone Arch Masonry Bridge in Minneapolis. He is a certified diver, rope access technician, non-destructive testing technician and National Highway Institute instructor.

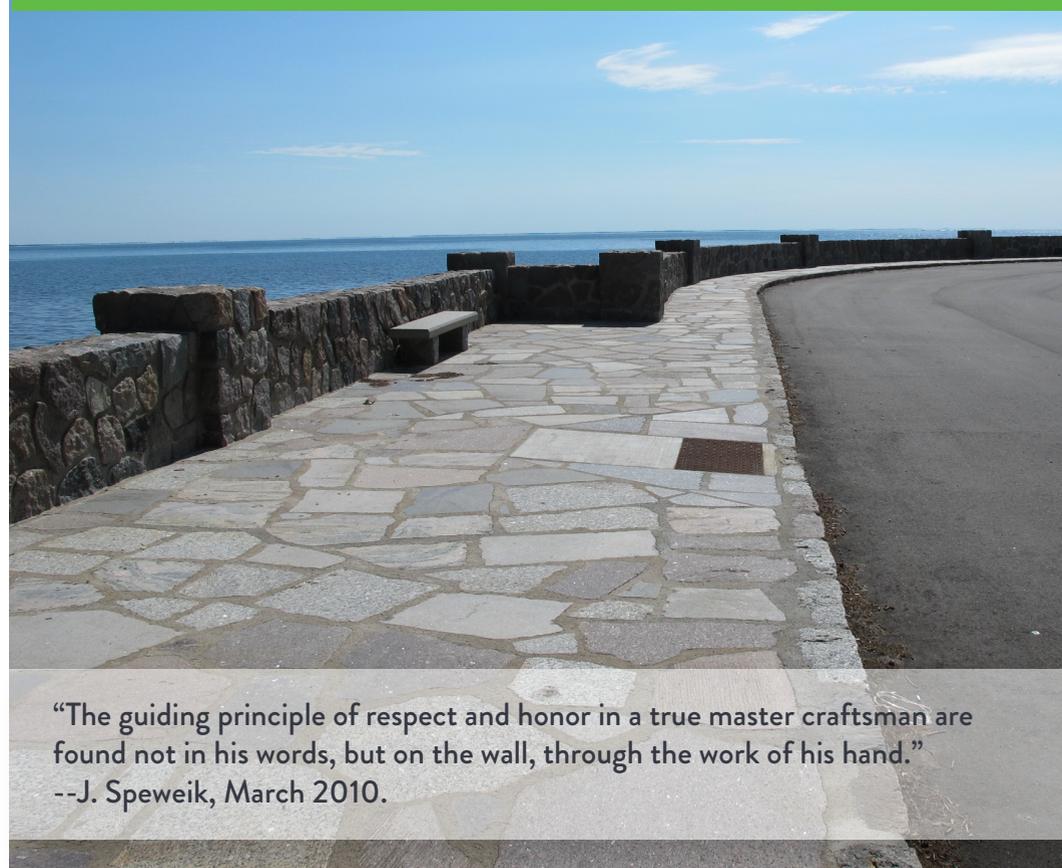
Sponsors

This workshop is presented by the Minnesota Department of Transportation, Speweik Preservation Consultants, Inc. and Collins Engineers, Inc.



Historic Stone Masonry Preservation Workshop

October 4-5, 2017



"The guiding principle of respect and honor in a true master craftsman are found not in his words, but on the wall, through the work of his hand."
--J. Speweik, March 2010.

Minnesota State Capitol
75 Rev. Dr. Martin Luther King, Jr. Blvd.
St. Paul, MN 55155

Course Description

MnDOT owns approximately 102 historic properties which contain historic stone structures as well as a number of historic stone masonry bridges throughout Minnesota built in the New Deal Era. Historic stone masonry is a specialty trade which requires skills different from those of the contemporary masonry trade. Participants may increase understanding of the importance and means of gaining these specialty skills in order to create successful project outcomes that meet the Secretary of the Interior's Standards for Rehabilitation, masonry guidelines and preservation briefs. Attendees may view a lime mortar demonstration, and discuss stone matching, dressing and rebuilding. The class features a field visit with historic stone structure inspection and masonry demonstration at the Burns Avenue Scenic Overlook, in Saint Paul, MN.

Objectives

At the workshop, participant will:

- Discuss history of mortar and repointing with lime putty mortar.
- Identify quality workmanship
- Discuss quality control methods such as test panels in construction
- Discuss the Secretary of the Interior's Standards as they relate to stone matching, stone dressing and rebuilding and other aspects of historic preservation.
- Describe historic masonry construction specifications and plans.
- View a mortar removal and replacement demonstration.
- Tour State Capitol and identify specialized stone repair techniques.



Registration Information

0000233377 HISTORIC STONE MASONRY PRESERVATION WORKSHOP

Name

Last: _____ First: _____ M.I: _____

Phone (include area code): _____

E-Mail (required): _____

Business Address

Organization: _____

Street: _____

City: _____ State: _____

Zip Code: _____

A. Please provide Registration Information. Registration Information requested before 9/27/2017.

B. \$300.00 Check Payment payable to "Commissioner of Transportation" required. Payment includes learning materials, catering, and State Capitol Tour.

C. Post Mail:

• Registration Information AND

• **\$300.00** Check Payment payable to "Commissioner of Transportation"

ATTN: James Pontius, Training Coordinator, Mail Stop 200
Minnesota Department of Transportation,
395 John Ireland Boulevard
Saint Paul, Minnesota 55155