



# National Preservation Institute

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## Steven A. Olson, Ph.D., P.E.

### Contact Information:

Olson & Nesvold Engineers, P.S.C.  
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### Education:

University of Minnesota, civil engineering (structures), BCE 1985, MSCE 1989, Ph.D. 1991

### Registrations:

Professional civil engineer, Minnesota, Ohio, and Wisconsin

### Experience:

Founding partner, Olson & Nesvold Engineers (O.N.E.) with 29 years of structural engineering experience. Work has focused on bridge design, bridge inspection, and bridge management projects, including the rehabilitation of several bridges listed on the National Register. Entities that have recognized these projects with awards include the American Council of Engineering Companies, Federal Highway Administration, National Steel Bridge Alliance, and St. Paul Heritage Preservation Commission.

Past experience includes positions within industry, academia, and consulting firms: bridge department manager and operations manager, HNTB Corporation, Minneapolis, MN; manager of engineering design, National Steel Bridge Alliance, Golden Valley, MN; laboratory manager, MAST Large Scale Structural Engineering, University of Minnesota; and bridge engineer, Burgess and Niple, Ltd., Columbus, OH.

### Teaching:

University of Minnesota–Twin Cities Campus, Technological Leadership Institute: Infrastructure Systems Engineering, Bridge Management, Maintenance, and Rehabilitation, 2000-2013

### Selected Publications:

“Managing Historic Bridges in Minnesota, The Historian and the Engineer Collaborate,” Chapter 5, CRCNet, *Historic Bridges*, April 2008, Steven A. Olson and Robert M. Frame III.  
*Minnesota’s Preservation of State-Owned Historic Bridges for Long-Term Transportation Use*, ASCE Library, ASCE Structures Congress 2009, Robert M. Frame III, Steven A. Olson, Amy Squitieri

### Affiliations:

State Review Board, Minnesota Historical Society, State Historic Preservation Office, 2013-present  
Eden Prairie Heritage Preservation Commission, member 2012-2014, chair 2015-present  
Minnesota Section, American Society of Civil Engineers, 1st past present president