

Short Span Steel Bridge 2-Part Webinar

Hosted by the New England Regional Council on Forest Engineering (NER.COFE) and presented by the Short Span Steel Bridge Alliance



**COUNCIL
ON FOREST
ENGINEERING**

Friday, January 15 • 12:30 – 1:30 PM ET
Friday, January 29 • 12:30 – 1:30 PM ET



Short span bridges provide vital links to operate our nation's forests. But, environmental regulations and complex terrain can make it difficult to install, maintain, and replace structurally deficient bridges. In addition, tight budgets and the need for longer lasting structures presents additional challenges for the professionals that manage private and public forests.

To help address these challenges, the steel industry has developed technological and design innovations for bridges under 140 feet that save significant time and costs for today's forest engineers and managers. The Short Span Steel Bridge Alliance (SSSBA) will offer members of NER.COFE a "not too technical" 2-part webinar that covers safe and cost-effective design, detail, fabrication, and installation of short span steel bridges.

The seminar will cover:

- Practical and Cost-Effective Steel Bridge Design
- Free Design Tools (eSPAN140 and SIMON)
- Prefabricated Bridge Solutions
- Coating Solutions (galvanized and weathering steel)
- Innovative/Accelerated Bridge Construction Options
- Case Studies
- Arch / Buried Bridge "Open Bottom" Alternatives
- Life-Cycle Analysis

Free online registration is available through the [University of Wyoming's Zoom system](#).

About the Organization: The Short Span Steel Bridge Alliance is a group of bridge and buried soil steel structure industry leaders who have joined together to provide educational information and design tools for the cost-effective design and construction of short span steel bridges in installations up to 140 feet in length. Over the past 10-years, over 7,000 bridge owners and designers have learned about the cost and time advantages of short span steel bridges from SSSBA workshops and conferences throughout North America. For more information, visit www.ShortSpanSteelBridges.org

About the Speaker: Michael Barker received his BS and MS in Civil Engineering from Purdue University and his PhD from the University of Minnesota. He is a Professor of Civil & Architectural Engineering at the University of Wyoming. Dr. Barker has been a participating member of the AISI Bridge Task Force and Design Advisory Group and is the Director of the SSSBA Bridge Education Center. His primary research pertains to steel bridges, experimental testing, bridge design specifications, bridge field testing, high performance steel and reliability analyses of structures.

