

**Welcome to the Monthly Webinar on
Innovative Bridge Technologies / Accelerated Bridge Construction**

**The Next Generation of Prestressed / Precast
Concrete Deck Beam Bridges**

Sponsored by

*Innovative Bridge Technologies / Accelerated Bridge Construction - University Transportation Center
(IBT/ABC-UTC) at Florida International University*



Website: abc-utc.fiu.edu

Email: abc@fiu.edu

December 18, 2025 – 1:00 p.m. to 2:15 p.m. Eastern



Today's Monthly Webinar



IBT/ABC Announcements

(10 minutes)

Featured Presentation

(35-40 minutes)

The Next Generation of Prestressed / Precast Concrete Deck Beam Bridges

by

Michael Culmo, P.E.

Chief Bridge Engineer, CHA Consulting, Inc.

Question and Answer Session

(15+ minutes)

Please post your questions in the question box

2026 WORLD BRIDGE ENGINEERING CONFERENCE

With emphasis on Innovative Bridge Technologies and Accelerated Bridge Construction

December 1 and 2, 2026

Hyatt Regency Hotel • Miami, Florida

Sponsored by the U.S. Department of Transportation

Through Innovative Bridge Technologies/Accelerated Bridge Construction University Transportation Center (IBT/ABC-UTC)

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- Tennessee
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- Utah
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**Abstract
Submission
Deadline**
**March 20
2026**

**TO SUBMIT YOUR ABSTRACT
ONLINE BEFORE
MARCH 20, 2026**



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**Conference will also include: Awards in different categories,
Keynote talks, podium presentations, exhibits and more.**



**For more information, please contact Conference Chair,
Dr. Atorod Azizinamini at aazizina@fiu.edu**



2026 World Bridge Engineering Conference

Call for Award Nominations

OPEN through June 30, 2026

Award Categories:

Innovative Bridge Engineer of the Year
Innovative Bridge Owner Agency of the Year

ABC Project of the Year
Innovative Bridge Technologies Project of the Year
Under \$10M
Between \$10M and \$100M
Over \$100M



<https://abc-utc.fiu.edu/conference/call-for-awards-2/>



**Thank you, to the
U.S. Department of Transportation
University Transportation Center
(UTC) Program**

Upcoming Events



TRB - Transportation Research Board

2026 Annual Meeting

January 11-15, 2026

Washington, D.C.

For more information: <https://trb-annual-meeting.nationalacademies.org/schedule>

Registration is open

Upcoming Events



PCI – Precast Prestressed Concrete Institute

2026 PCI Convention at the Precast Show

February 2-6, 2026

Kansas City, MO

For more information:

<https://www.pci.org/Convention/convention/registration.aspx>

Registration is open

Upcoming Events



AISC / NSBA

American Institute of Steel Constructors / National Steel Bridge Alliance

2026 NASCC: The Steel Conference

April 22-24, 2026

Atlanta, GA

For more information:

<https://www.nascc.aisc.org/>

Registration opens in January

Upcoming Event



Fourth International Interactive Symposium on **UHPC** (Ultra-High Performance Concrete)

June 14-17, 2026
Des Moines, Iowa

For more information:

<https://www.regcytes.extension.iastate.edu/uhpc/>



Upcoming Events

AASHTO COBS

**American Association of State Highway Transportation Organizations
Committee on Bridges and Structures**

Annual Meeting

**June 28 – July 2, 2026
Charlotte, North Carolina**

Upcoming Events



International Bridge Conference – IBC

Presented by the Engineer's Society of Western Pennsylvania

July 15-17, 2026

National Harbor, Maryland

For more information: <https://eswp.com/bridge/bridge-home/>



Upcoming Events

IBT/ABC-UTC

Innovative Bridge Technologies / Accelerated Bridge Construction –
University Transportation Center

Annual In-Depth Web Training

September 8, 2026, 11:00am – 3:15pm eastern

Topic: TBD - likely be related to Bridge Deck Preservation activities.
Please send ideas to kacrowel@fiu.edu



Upcoming Events

PCI – Precast / Prestressed Concrete Institute

2026 PCI Committee Days Conference

September 9-12, 2026

San Antonio, Texas

For more information: <https://www.pci.org/PCI/News-Events/>

Upcoming Event



CAMX – the Composites and Advanced Materials Expo

**September 21-24, 2026
Atlanta, GA**

For more information:

<https://www.thecamx.org/>



Upcoming Events

ASBI – American Segmental Bridge Institute

38th Annual Convention

November 8-12, 2026
San Antonio, Texas

For more information: <https://asbi-assoc.org/events/>

Or contact Gregg Freeby at; gfreeby@asbi-assoc.org

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- Michigan
- Minnesota
- Mississippi
- Missouri
- Nebraska
- Nevada
- Oklahoma
- Oregon
- Pennsylvania
- South Carolina
- Tennessee
- Texas
- Utah
- Vermont
- Washington
- Wisconsin
- Wyoming



January Monthly Webinar



Thursday, January 22, 2026 – 1:00-2:15 p.m. Eastern

(Certificate of Attendance provided)

Featured Presentation:

Minnesota DOT Innovates: Modernizing Bridge Management with Digital Twins & Artificial Intelligence

by

Ed Lutgen, P.E., State Bridge Engineer, MnDOT;

Jennifer Wells, P.E., State Bridge Inspection Engineer, MnDOT;

Barritt Lovelace, P.E., VP of Emerging Technologies, Collins Engineers Inc.

Registration is open!

Quarterly Research Seminar



Friday, January 30, 2025– 1:00-2:15 p.m. Eastern

(Certificate of Attendance provided)

Featured Project:

Predicting Key Bridge Characteristics Using Machine Learning

by

Lieutenant Colonel Julia Lensing, Ph.D., Army Corps of Engineers

Marc Eberhard, Ph.D., Jeffery Berman, Ph.D., John Choe, Ph.D.

Department of Industrial & Systems Engineering,
Department of Civil & Environmental Engineering
University of Washington, Seattle

Mark your calendars!

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