### Welcome to Monthly Webinar on Accelerated Bridge Construction

# ABC of Detroit's Network Tied Arch Using SPMTs

#### Sponsored by

Accelerated Bridge Construction University Transportation Center (ABC-UTC) at Florida International University



Website: abc-utc.fiu.edu Email: abc@fiu.edu



May 18, 2023 – 1:00 p.m. to 2:15 p.m. Eastern



# **Today's Monthly Webinar**

**ABC Announcements** 

**Featured Presentation** 

(10 minutes)(35-40 minutes)

# ABC of Detroit's Network Tied Arch Using SPMTs

by

Mike LaViolette, P.E., P.Eng., National Bridge Practice Leader, HDR; Matt Longfield, P.E., S.E., Michigan Bridge Section Leader, HDR; and John Belcher, P.E., Bridge Construction Engineer, Michigan Department of Transportation

**Question and Answer Session** 

(15+ minutes)

Please post your questions in the question box

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

### USDOT Tier 1 UTC – Awarded 2023-2029

#### **Research Priority:**

Improving the Durability and Extending the Life of Transportation Infrastructure

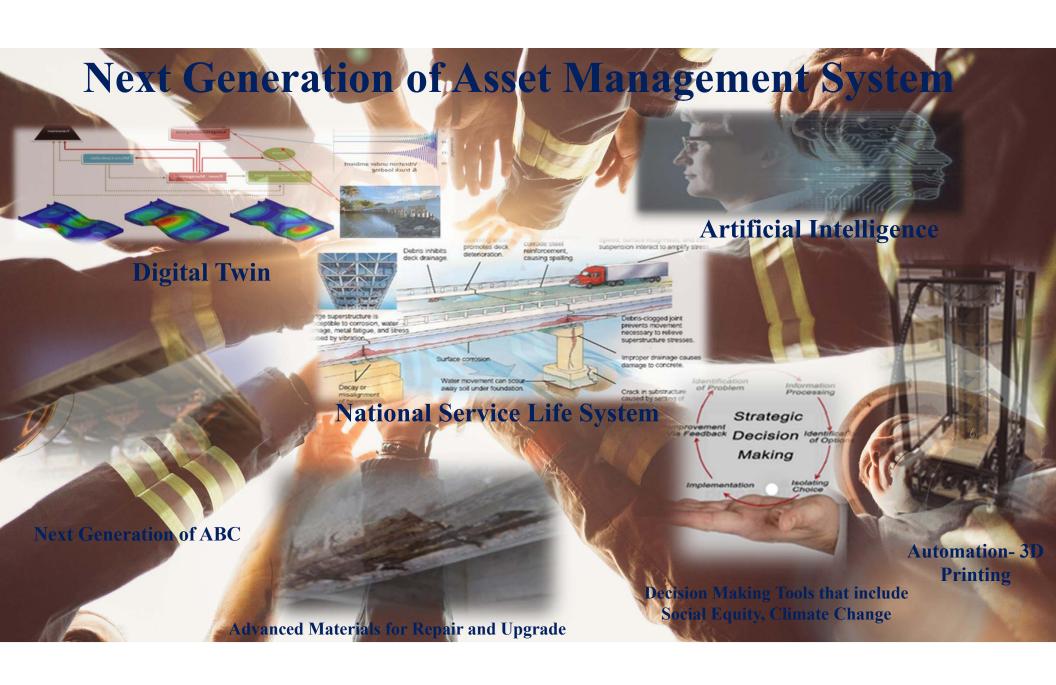
Lead: Florida International University

**Consortia Members:** 

Florida A&M University Texas A&M University University of Georgia University of Nevada, Reno University of Oklahoma University of Washington







If you are interested in being a member of the Research Advisory Panel (RAP) for this project, please send me an email at <u>aazizina@fiu.edu</u>. The qualification for being a member of the RAP for this project is that you should have significant responsibility in asset management systems at your organization.

### **Call for Award Nominations**

#### 2023 NCSEA Structural Engineering Excellence (SEE) Awards

[Projects must have been completed between January 1, 2020 and May 31, 2023] Sponsored by National Council of Structural Engineers Associations (NCSEA) http://www.ncsea.com

#### **Award Categories include:**

- New Bridges or Transportation Structures
- Forensic / Renovation / Retrofit / Rehabilitation Structures

Submission Deadline: June 5, 2023 https://www.weseeaboveandbeyond.com/see-awards

**ASBI Monthly Webinars for 2023:** 

Electronically Isolated Tendon Pilot Project - SH146 in Kemah, Texas Wednesday, May 31

**Opportunities for Launching Gantries and Precast Segmental Construction** Wednesday, June 28

1:00 - 2:00 p.m. ET for All Webinars

PDH Certificates Will be Issued to Attendees

2023 ASBI Seminar on Construction Practices for Segmental Concrete Bridges Thursday - Friday, August 17 - 18 Hotel Fontenot, New Orleans, LA

2023 ASBI 35<sup>th</sup> Annual Convention and Committee Meetings November 6-8 with Committee Meetings on November 5 Westin La Paloma Resort and Spa, Tucson, AZ

For more information: https://www.asbi-assoc.org

#### **PTI Certification**

Level 1 and Level 2 Multistrand and Grouted Post-Tensioning Specialist Certification Training

#### June 7-9, 2023

**Embassy Suites by Hilton Miami International Airport** 

#### September 13-15, 2023

Embassy Suites by Hilton Scottsdale Resort

#### November 15-17, 2023

Austin, Texas. Hotel Information coming soon.

For more information: https://www.posttensioning.org/certification/fieldpersonnelcertification/2023certification weeks.aspx

#### **PCI Design Awards**

Nominations will close Wednesday, July 26, 2023 \$500 submission fee per project submitted https://www.pci.org/designawards

#### **PCI Committee Days Conference**

October 4 – October 8, 2023 JW Marriott Tampa, Florida

For more information: https://www.pci.org/PCI/News-Events/PCI\_Events.aspx

### International Bridge Conference

- Conference info link:
- <u>https://eswp.com/bridge/program/</u>



### W11: Design of Fiber-Reinforced Polymer (FRP) Composites Bridges Wednesday, June 14, 2023; 1:30– 5:00 pm

The objectives of this workshop are to familiarize attendees with the background and code provisions related to design of fiber -reinforced polymer (FRP) composites bridges and to provide cutting edge material and product advancements to design and specify FRP composites products that can assist attendees when building new composites bridges for Accelerated Bridge Construction (ABC) applications.



2023 CAMX – The Composites and Advanced Materials Expo – Atlanta, GA October 30 – November 2, 2023 https://www.thecamx.org/

Sponsored by American Composites Manufacturers Association (ACMA) & Society for the Advancement of Material and Process Engineering (SAMPE) http://www.acmanet.org & http://www.sampe.org/

For more information, contact John Busel: jbusel@acmanet.org



## **Quarterly Research Seminar**

Friday, July 28, 2023 – 1:00-2:15 p.m. Eastern (Certificate of Attendance provided)

**Featured Project:** 

# Design Guidance for UHPC Connections of Precast Girders Made Continuous for Live Load

by

Royce W. Floyd, P.E., S.E., Ph.D., Principal Investigator; and Zachary Tiry, M.S. Student, ABC-UTC / University of Oklahoma

Register at: https://abc-utc.fiu.edu/



## **Next Monthly Webinar**

Thursday, June 29, 2023 – 1:00-2:15 p.m. Eastern

(Certificate of Attendance provided)

**Featured Presentation:** 

## FHWA's Lightweight Concrete Bridge Design Primer – ABC Applications

by

Reid W. Castrodale, Ph.D., P.E., Castrodale Engineering Consultants, PC

**Mark your Calendars!** 



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