

**Welcome to Monthly Webinar on
Accelerated Bridge Construction**

MBTA Weekend Railroad Bridge Replacement over Parker Street

Sponsored by

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



Website: abc-utc.fiu.edu

Email: abc@fiu.edu

December 16, 2021 – 1:00 p.m. to 2:15 p.m. Eastern



Today's Monthly Webinar



ABC Announcements (10 minutes)

Featured Presentation (35 minutes)

MBTA Weekend Railroad Bridge Replacement over Parker Street

by

Karl Eckstrom, P.E., Senior Director – Bridge / Structures Program, Massachusetts Bay Transportation Authority (MBTA); **Michael Ryan**, Senior Bridge Project Manager – MBTA Capital Delivery; and **Bob Penfield, P.E., DBIA, ENV SP**, Managing Director – Highway & Structures, VHB

Question and Answer (15+ minutes)

Please post your questions in the question box

2021 VIRTUAL ACCELERATED BRIDGE CONSTRUCTION CONFERENCE:

WITH EMPHASIS ON INTERNATIONAL EXPERIENCES

Virtual Conference: December 8-10, 2021

Virtual/Hybrid UHPC Workshops: December 9-10, 2021

<https://abc-utc.fiu.edu/conference/>

DECEMBER, 8-10, 2021

Miami, Florida, U.S.A.

FIU
FLORIDA
INTERNATIONAL
UNIVERSITY

ABC
UTC

Accessing Conference Presentations and Workshop Videos, for post-conference registrants:

- The videos or PowerPoint presentations from the conference will not be archived on the ABC-UTC website.
- Individuals who did not have an opportunity to register for the conference can use the link below to register for \$95 and view the entire conference including the UHPC workshop:

<https://abc-utc.fiu.edu/conference/>

- No Certificate of Attendance will be issued to post-conference registrants.
- Please note: Video presentations are the property of the presenters and the *ABC-UTC Virtual Accelerated Bridge Construction Conference: With Emphasis on International Experiences*. The ABC-UTC is not responsible for the content presented during the Conference sessions and workshops.

Accessing Conference Presentations and Workshop Videos, for post-conference registrants:

Visit the [eShow virtual platform](#) lounge to view conference videos and presentations until December 24, 2021.

The screenshot displays the eShow virtual platform interface. At the top, a dark blue navigation bar contains the following menu items: LOBBY, EXPO HALL, AUDITORIUM, RECEPTION, LOUNGE (circled in red), EBAG, HELP DESK, and RACHEL. Below this, a white panel features two tabs: 'My Agenda' (circled in red) and 'Appointments'. The 'My Agenda' section is active and shows a search bar with 'Search' and 'Reset' buttons. The agenda is organized by date, with 'December 8, 2021' highlighted. It lists three time slots: 09:00 AM - 12:25 PM EDT (Day 1 Morning Sessions), 12:55 PM - 04:45 PM EDT (Day 1 Afternoon Sessions), and 05:00 PM - 06:00 PM EDT. A red arrow points to the 'On Demand' button under the 09:00 AM - 12:25 PM EDT slot. To the right of the agenda, a list of presenters and co-presenters is displayed, including Scott Muzenski, Jordy Padilla, Laurent Boiron, Eugen Brühwiler, Firas Ibrahim, Benjamin Graybeal, and Michael McDonagh.

For those who attended last week's Conference, to receive a **Certificate of Attendance** please send an email to Rachel Jenkins at:

rajenkin@fiu.edu

Thank you to our Exhibitors and Sponsor

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We encourage you to please visit our website to learn more about the conference Exhibitors and Sponsor. Please use the following links:

<https://abc-utc.fiu.edu/conference/exhibitors/>

<https://abc-utc.fiu.edu/conference/sponsorships/>



2022 International ABC Conference
Miami, Florida
(Face-to-Face)

Conference: December 7-9, 2022
Workshops: December 7, 2022

CALL FOR ABSTRACTS Deadline to submit online abstract Feb 25, 2022

2022 ACCELERATED BRIDGE CONSTRUCTION CONFERENCE

Face to Face Conference in Miami Florida

Conference: December 7 - 9, 2022
Workshops: December 7, 2022

[Visit our web site to submit one-page abstract online](#)



Call for Workshops

2022 International Bridge Conference – Pittsburgh, PA

July 17-20, 2022

Sponsored by Engineers' Society of Western PA (ESWP)

<http://www.eswp.com/bridge/>

Suggested topics include **Accelerated Bridge Construction**

Workshop Submission Deadline: December 17, 2021

<https://eswp.com/bridge/ibc-call-for-workshops/>

Upcoming ABC-Related Activities at TRB Annual Meeting

January 9-13, 2022 – Washington, D.C.

<https://www.trb.org/AnnualMeeting/AnnualMeeting.aspx>

Workshop 1007: Building Information Modeling for Bridges and Structures: From Design to Construction

Sunday, January 9, 9:00 a.m. – 12:00 p.m. Eastern

Sponsors:

- *Construction of Bridges and Structures (AKC40)*
- *Visualization in Transportation (AED80)*
- *Innovative Highway Structures and Appurtenances (AKB10)*
- *Steel Bridges (AKB20)*
- *Concrete Bridges (AKB30)*
- *Geospatial Data Acquisition Technologies (AKD70)*

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Workshop 1025: Innovative Materials to Preserve, Strengthen, and Extend the Useful Life of Bridges

Sunday, January 9, 1:30 – 4:30 p.m. Eastern

Sponsors:

- *Innovative Highway Structures and Appurtenances (AKB10)*
- *Steel Bridges (AKB20)*
- *Concrete Bridges (AKB30)*
- *Structures Maintenance (AKT40)*
- *Bridge Preservation (AKT60)*

Upcoming ABC-Related Activities at TRB Annual Meeting

January 9-13, 2022 – Washington, D.C.

<https://www.trb.org/AnnualMeeting/AnnualMeeting.aspx>

Meeting: Accelerated Bridge Construction Joint Subcommittee, AKB00(2)

Monday, January 10, 7:30 – 10:00 p.m. Eastern

*Sponsored by Structures Section (AKB00) and Construction Section (AKC00);
ABC Joint Subcommittee (AKB00(2))*

Meeting: Bridges and Structures Collaboration Subcommittee, AKB00(1)

Tuesday, January 11, 1:30 – 3:00 p.m. Eastern

Sponsored by Structures Section (AKB00); Subcommittee on Structures Collaboration (AKB00(1))

Upcoming Events

NSBA 2022 World Steel Bridge Symposium - Denver, CO
March 23-25, 2022

Registration and Housing – open January 10, 2022!

For more information: <https://www.aisc.org/nascc/>



NASCC: THE STEEL CONFERENCE

Upcoming Events

2022 ASBI Grouting Certification Training

In-person and via webinar sessions in 2022

Check ASBI website for updates

ASBI Construction Practices for Segmental Concrete Bridges Seminar

Marriott Seattle Airport, Seattle, Washington

March 21-22, 2022

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

Quarterly Research Seminar

Friday, January 28, 2022 – 1:00-2:15 p.m. EST

Featured Project

Critical Impacting Factors / Trends on Bridge Design, Construction, & Maintenance for Future Planning

by

Lu Zhang, Ph.D., Principal Investigator, and graduate student
ABC-UTC / Florida International University

Mark your Calendars!

Next Monthly Webinar



Thursday, January 20, 2022 – 1:00-2:15 p.m. EST

Featured Presentation

New Hampshire's First Lateral Slide-In Bridge Project: Bearcamp River Bridges, Ossipee, NH

by

Jennifer Reczek, P.E., Project Manager and Bridge Consultant Design Chief, New Hampshire Department of Transportation; **Sam White, P.E.**, Project Manager and Senior Bridge Engineer, McFarland Johnson, Inc.; and **Jim Bowles, P.E.**, District Construction Engineer, NHDOT

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