

Welcome to Monthly Webinar on Accelerated Bridge Construction

Blackhall Road Bridge Project: Modular Decked Beams Made with Bulb Tee Girders

Sponsored by

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



Website: abc-utc.fiu.edu

Email: abc@fiu.edu

January 21, 2021 – 1:00 p.m. to 2:15 p.m. Eastern



Today's Monthly Webinar



ABC Announcements

(10 minutes)

Featured Presentation

(35 minutes)

Blackhall Road Bridge Project: Modular Decked Beams Made with Bulb Tee Girders

by

Donn Digamon, P.E., State Bridge Engineer, Georgia DOT;
Jim Aitken, P.E., Associate VP, CHA Consulting, Inc.; **Kevin
Kahle, P.E.**, Senior Project Manager, CHA Consulting, Inc.

Question and Answer

(15+ minutes)

Please post your questions in the question box

2021 Virtual International ABC Conference

(Focus on International Projects)

2022 International ABC Conference

Miami, Florida

(Face-to-Face)



- **Because of uncertainties related to COVID-19 & budgetary situations, *Conference Planning Committee* has recommended:**
 - **2021 event – fully virtual**
 - **2022 event – regular face-to-face Conference**
- ***Conference Planning Committee*, consisting of about 30 State DOTs, will be finalizing the event programs**



2021 Virtual International ABC Conference

(Focus on International Projects)

December 8-10, 2021

- **Will not duplicate the topics to be covered at the 2022 International ABC Conference**
- **Rather, by focusing on international ABC projects, the 2021 event will complement 2022 conference**



2021 Virtual International ABC Conference

(Focus on International Projects)

December 8-10, 2021

- **Select presentations on topics important for U.S. practice, by invitation only**
- **Exhibitors**
- **Virtual social events and entertainment**
- **Certificates of attendance**
 - **FIU is an official sponsor of continuing education in Florida (FBPE) and in New York State (NYS)**



2022 International ABC Conference (Face-to-Face)

**Dec 7-9, 2022
Miami, Florida**



Co-Sponsoring Organizations (to date)

Federal Highway Administration

Alabama Dept. of Transportation

Alaska DOT&PF

Arizona Dept. of Transportation

Colorado Dept. of Transportation

Connecticut Dept. of Transportation

Delaware Dept. of Transportation

Florida Dept. of Transportation

Georgia Dept. of Transportation

Illinois Dept. of Transportation

Indiana Dept. of Transportation

Iowa Dept. of Transportation

Louisiana Dept. of Transp. & Dev.

Maine Dept. of Transportation

Michigan Dept. of Transportation

Missouri Dept. of Transportation

Minnesota Dept. of Transportation

Mississippi Dept. of Transportation

Nebraska Dept. of Transportation

Nevada Dept. of Transportation

Oklahoma Dept. of Transportation

Oregon Dept. of Transportation

Pennsylvania Dept. of Transportation

Tennessee Dept. of Transportation

Texas Dept. of Transportation

Utah Dept. of Transportation

Vermont Agency of Transportation

Washington State DOT

West Virginia Dept. of Transportation

Wisconsin Dept. of Transportation

Wyoming Dept. of Transportation

www.abc-utc.fiu.edu

Upcoming ABC-Related Activities at Virtual TRB Annual Meeting

January 21-22, 2021 – Workshops & Exhibits

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

Workshop 1031: Design and Construction of Ultra-High-Performance Concrete Structural Members and Elements

Friday, 10:00 a.m. – 1:00 p.m. Eastern, January 22, 2021

Sponsored by TRB Concrete Bridges (AKB30)

Workshop 1043: Local/State Bridge Bundling: an ABC Planning and Programming Tool

Friday, 2:00 – 5:00 p.m. Eastern, January 22, 2021

Sponsored by TRB Bridges and Structures Section (AKB00), Construction Section (AKC00), and ABC Joint Subcommittee (AKB00(2))

Co-sponsors AKB10, AKB20, AKB30, AKC40, AKD30, AKT60

Upcoming ABC-Related Activities at Virtual TRB Annual Meeting

January 25-29, 2021 – Sessions & Exhibits

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

Poster Session 1115: Advances in Bridge Construction Research

Monday, 2:30 – 4:00 p.m. Eastern, January 25, 2021

Sponsored by TRB AKC40

Lectern Session 1148: Case Studies for Internal Curing for Bridge Deck Applications

Tuesday, 10:00 – 11:30 a.m. Eastern, January 26, 2021

Sponsored by TRB AKM50

Poster Session 1220: Concrete Bridge Topics

Tuesday, 2:30 – 4:00 p.m. Eastern, January 26, 2021

Sponsored by TRB AKB30

Upcoming Events

AISC/NSBA Live Webinar: The Science and Art of Finite Element Analysis (FEA) Modeling

Tuesday, February 9, 2021 – 1:30 p.m. - 3:00 p.m. EST

Sponsored by National Steel Bridge Alliance (NSBA)

<http://www.aisc.org/nsba>

Presenter:

Tom Murphy, Ph.D., P.E., S.E., Modjeski and Masters, Inc.

PDH Credits: 1.5

Accommodations for stay-at-home and office group registrations are available

For more information:

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

Upcoming Events

FHWA Webinar on Electrically Isolated Tendons in European Transportation Structures

Thursday, February 25, 2021
1:00-2:30 p.m. EST

For more information & to register:

<https://asbi-assoc.org/index.cfm/events/EITWebinar>

Upcoming Events

**ASBI Grouting Certification Training
On-Demand Webinar**
April 2021

**ASBI Construction Practices for Segmental Concrete
Bridges Seminar**
Marriott Seattle Airport, Seattle, Washington
June 7-8, 2021

ASBI 33rd Annual Convention
Westin La Paloma Resort and Spa, Tucson, Arizona
November 8-10, 2021

Check the ASBI website for details on all these events.

<https://www.asbi-assoc.org/>



ABC-UTC

Quarterly Research Seminar

Friday, January 29, 2021 – 1:00-2:00 p.m. Eastern

More Choices for Connecting Prefabricated Bridge Deck Elements

by

Mohamed Moustafa, Ph.D., P.E., Principal Investigator; and **Mohamed Abokifa, Ph.D.** Student
ABC-UTC / University of Nevada, Reno

Register online at: www.abc-utc.fiu.edu

Next Monthly Webinar



Thursday, February 18, 2021 – 1:00-2:15 p.m. E

Featured Presentation

Segmental ABC and More: I-59/20 Birmingham Central Business District Bridges Project

by

William T. Colquett, P.E., State Bridge Engineer, Alabama Department of Transportation; **Lloyd L. Pitts, P.E.**, Chief Bridge Engineer, Volkert, Inc.; and **Eric C. Johnson, P.E.**, Bridge Engineer, Corven Engineering, Inc.

Mark your Calendars!

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