

Welcome to Monthly Webinar on Accelerated Bridge Construction

Route 37 EB Mathis Bridge – NJ's Largest Precast Exodermic Deck Replacement Project

Sponsored by

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

Florida International University



Website: abc-utc.fiu.edu

Email: abc@fiu.edu

July 19, 2018 – 1:00 p.m. to 2:00 p.m. Eastern



Today's Monthly Webinar



ABC Announcements

(10 minutes)

Featured Presentation

(35 minutes)

Route 37 EB Mathis Bridge – NJ's Largest Precast Exodermic Deck Replacement Project

Eddy Germain, P.E., Deputy State Transportation Engineer and Director, Bridge Engineering & Infrastructure Management, NJDOT; **George R. Kuhn**, Project Manager, Division of Project Management, NJDOT; and **Rama Krishnagiri, P.E.**, Senior Technical Principal, WSP USA Inc.

Question and Answer

(15 minutes)

Please post your questions in the question box

2019

INTERNATIONAL ACCELERATED BRIDGE CONSTRUCTION CONFERENCE:

Including Automation, Service Life and Ultra High
Performance Concrete (UHPC)

December 11-13, 2019
Miami, FL

www.abc-utc.fiu.edu

FIU | Engineering
& Computing
Civil and Environmental Engineering



Co-Sponsoring Organizations (to date)

Federal Highway Administration

Alabama Dept. of Transportation
Alaska DOT&PF
Arizona Dept. of Transportation
Colorado 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
Maine Dept. of Transportation
Michigan Dept. of Transportation
Missouri Dept. of Transportation
Minnesota Dept. of Transportation

Mississippi Dept. of Transportation
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Pennsylvania Dept. of Transportation
Tennessee Dept. of Transportation
Texas Dept. of Transportation
Utah Dept. of Transportation
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Washington State DOT
West Virginia Dept. of Transportation
Wisconsin Dept. of Transportation
Wyoming Dept. of Transportation

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December 11-13, 2019
Miami, FL

A nighttime photograph of a city skyline, likely Miami, featuring several illuminated skyscrapers and a bridge in the foreground. The sky is dark blue, and the city lights are bright yellow and white. The bridge has blue lighting on its supports.

CALL FOR ABSTRACTS!

CALL FOR ABSTRACTS!

Submit at:

abc-utc.fiu.edu/conference/call-for-abstracts

Submission Due: January 18, 2019

Abstracts are submitted within one of the conference tracks and topics are available on our website.

Abstract Submission Deadline	January 18, 2019
Abstract Decision Notification	March 15, 2019
Extended Abstract or 10 Page Paper Deadline	September 2, 2019

ABC Research Needs

At ABC-UTC we are interested to hear from you about your research needs and related to ABC.

Please send an email to Dr. Azizinamini at aazizina@fiu.edu, if you are interested to explore this opportunity further.



2019 TRB Annual Meeting

Call for ABC Papers – due August 1

<https://annualmeeting.mytrb.org/CallForPapers/Details/540>

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TRANSPORTATION RESEARCH BOARD

TRB 98th Annual Meeting (January 13-17, 2019)

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Authors interested in submitting papers are advised to check the [Paper Author Resource Page](#) and read [Requirements for Submitting Papers](#). Authors submitting papers in response to this Call for Papers should submit full papers for peer review to the Transportation Research Board online at www.TRB.org/AnnualMeeting. Paper submission is open from June 1 to August 1. The paper submission website will close when it is no longer August 1 anywhere in the world. When submitting please indicate the Call for Papers title on the papers submission form. Please contact the Call for Papers organizer if you need additional information.

Paper Author Warning – It is critical that you check the [Paper Author Resource Page](#) and read [Requirements for Submitting Papers](#). Remember after August 1 there are no second chances – be very careful with your paper submission.

To submit a paper, please visit the MyTRB Annual Meeting [Paper Submission](#) page.

Call For Paper Title

Recent completed NCHRP research regarding Accelerated Bridge Construction

Call Description

The Joint Subcommittee on Accelerated Bridge Construction (ABC) in collaboration with AFF00 and AFH00 is seeking papers on recently completed NCHRP research regarding ABC. Papers shall focus on implementable research (i.e. new innovative design details, specifications, materials, and construction techniques, etc.) that will advance the state of practice in ABC.

2019 TRB Annual Meeting

Call for ABC Papers – due August 1

<https://annualmeeting.mytrb.org/CallForPapers/Details/541>

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Call For Paper Title

Virtual Reality, Visualization, BIM, 3D, and other technology related to Accelerated Bridge Construction

Call Description

The Joint Subcommittee on Accelerated Bridge Construction in collaboration with AFF00 and AFH00 is interested in papers on research or case studies regarding the use of virtual reality, visualization, BIM, 3D and other innovative technologies in ABC projects.

Call for Award Nominations

2019 PCI Design Awards

Projects completed within the last three years
(no earlier than January 1, 2015)

Sponsored by Precast/Prestressed Concrete Institute

<http://www.pci.org>

Submission Deadline: August 17, 2018

http://www.pci.org/About_PCI/Awards/PCI_Design_Awards/

For more information, contact:

William Nickas, WNickas@pci.org

Upcoming Event

Flexible Filler Certification Training – Tallahassee, FL

August 14-15, 2018

Sponsored by Florida DOT, American Segmental Bridge Institute (ASBI), Post-Tensioning Institute (PTI)

Online registration:

<https://www.asbi-assoc.org/content/flexible-filler/registration.cfm>

For more information:

<http://asbi-assoc.org/index.cfm/flexiblefiller/training>

Upcoming Event

PCI Committee Days and Membership Conference – Rosemont, IL

October 10-13, 2018

Sponsored by Precast/Prestressed Concrete Institute (PCI)

<http://www.pci.org/>

Online Registration:

[https://www.pci.org/PCI/News-Events/Committee_Days/
Committee_Days_and_Membership_Conference.aspx](https://www.pci.org/PCI/News-Events/Committee_Days/Committee_Days_and_Membership_Conference.aspx)

For more information, contact William Nickas:

WNickas@pci.org

Upcoming Event

Second International Interactive Symposium on UHPC – Albany, NY

June 2-5, 2019

- Share knowledge about UHPC applications and opportunities
- Broaden technical depth and identifying knowledge gaps
- Grow the UHPC family working together to achieve similar goals

Save the Date!

<https://register.extension.iastate.edu/uhpc2019>



NATIONAL STEEL BRIDGE ALLIANCE ANNOUNCEMENT

New version of NSBA's **LRFD Simon** is available!

- Updated to 8th Edition of AASHTO LRFD
- New features make preliminary design faster than ever!

To download for FREE, visit:

www.steelbridges.org/SoftwareRegistration

ABC-UTC

Quarterly Research Seminar

Friday, July 27, 2018 – 1:00-2:00 p.m. Eastern

Shake Table Studies of a Bridge System with ABC Connections

M. “Saïid” Saïidi, Ph.D., P.E., Principal Investigator and Professor, Civil and Environmental Engineering Department, UNR; and **Elmira Shoushtari, Ph.D. Candidate**, UNR

ABC-UTC / University of Nevada, Reno

To register, go to:

<http://abc-utc.fiu.edu/>

ABC-UTC

2018 In-Depth Web Training

Tuesday, September 25, 2018
11:00 a.m. to 3:00 p.m. Eastern

VTrans' Programmatic Implementation of ABC

by

Vermont Agency of Transportation (VTrans)

Six 40-minute modules

ABC-UTC 2018 In-Depth Web Training

VTrans' Programmatic Implementation of ABC

Sept. 25, 11:00 a.m. to 3:00 p.m. Eastern

1	11:00 a.m. E	Programmatic Approach to ABC – Structures Policy
2	11:40 a.m. E	Expediting Project Delivery
3	12:20 p.m. E	Innovative Contracting and ABC
4	1:00 p.m. E	Standardization / Innovations / Incentive-Disincentive
5	1:40 p.m. E	Public Outreach / ABC Results
6	2:20 p.m. E	Project Highlights – Contractor Perspective



Next Monthly Webinar

Thursday, August 23, 2018 – 1:00-2:00 p.m. Eastern

Featured Presentation

Use of SPMTs, Barges, and Strand Jacks to Build the Hastings, MN Bridge

by

Ed Lutgen, P.E., State Bridge Construction and Maintenance Engineer, Minnesota Department of Transportation; **Steve Kordosky, P.E.**, Hastings Bridge Project Manager, MnDOT; and **Vincent Gastoni, P.E.**, Principal Bridge Engineer, Parsons

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