

# Welcome to Monthly Webinar on Accelerated Bridge Construction

## Connecticut DOT's ABC Decision Process Methodology

Sponsored by

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



Website: [abc-utc.fiu.edu](http://abc-utc.fiu.edu)

Email: [abc@fiu.edu](mailto:abc@fiu.edu)

December 13, 2018 – 1:00 p.m. to 2:00 p.m. Eastern





# Today's Monthly Webinar

**ABC Announcements** (10 minutes)

**Featured Presentation** (35 minutes)

## Connecticut DOT's ABC Decision Process Methodology

**Timothy D. Fields, P.E.**, Transportation Principal Engineer,  
Connecticut Department of Transportation; and **Ashley Heredia**,  
Transportation Engineer II, Connecticut DOT

**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](http://www.abc-utc.fiu.edu)

**FIU** | Engineering  
& Computing  
Civil and Environmental Engineering



# We Anticipate Availability of Travel Scholarships



**2019**  
**INTERNATIONAL ACCELERATED BRIDGE CONSTRUCTION CONFERENCE:**  
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Civil and Environmental Engineering

**ABC**  
**UTC**

State DOT, county engineers, and other bridge owners interested in receiving travel scholarships should send an email to **Atorod Azizinamini** at [aazizina@fiu.edu](mailto:aazizina@fiu.edu) with the following information:

- 1. Name and affiliation**
- 2. Job title**
- 3. Reason attending the Conference**
- 4. Whether you are planning to use ABC in the near future**

# Expenses Covered by Travel Scholarships

- Four nights of stay at conference hotel
- Registration to attend workshops:
  - Wednesday, December 11, 2019
- Registration to attend conference:
  - Thursday - Friday, December 12-13, 2019
- Airline ticket
- Transportation from airport to hotel and back
- Per diem based on Florida government rate

# **Keynote Speakers (Invited)**

Secretary of Transportation  
Elaine L. Chao

Congressman Mario Diaz-Balart

[www.abc-utc.fiu.edu](http://www.abc-utc.fiu.edu)

# 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](http://www.abc-utc.fiu.edu)



# Exhibit at 2019 Conference

## INTERNATIONAL ACCELERATED BRIDGE CONSTRUCTION CONFERENCE:

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December 11-13, 2019  
Miami, FL

To reserve your exhibit booths, please  
Visit [www.ABC-UTC.fiu.edu](http://www.ABC-UTC.fiu.edu)

2019

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**FIU** | Engineering  
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Civil and Environmental Engineering

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](http://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

# **Coming Soon – ABC Awards**

- **Conference will recognize Best ABC Projects in several categories**
- **Conference will recognize the ABC Person of the Year**
- **Call for Award Nominations will start in January 2019**

# **ABC-UTC Reception at 2019 TRB Annual Meeting**

Tuesday, January 15, 2019

5:30-7:30 p.m.

Walter E. Washington Convention Center

We hope that you will stop by to visit!

[www.abc-utc.fiu.edu](http://www.abc-utc.fiu.edu)

# Call for Presentations

## **ASCE 2019 Convention – Miami, FL**

October 9-12, 2019

Sponsored by American Society of Civil Engineers (ASCE)

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

### **Invited Topic Areas / Sub-topics include:**

- Multidisciplinary Technical / Infrastructure
- Significant Projects / intended to cover mega projects and multidisciplinary views on the feasibility, planning, design, construction, costs, public process, value, innovation, environmental, sustainability, and resiliency of the project discussed

**Call for Presentations Deadline:** January 10, 2019

<https://www.asceconvention.org/program/call-submissions>

# Call for Award Nominations

**2019 International Bridge Conference**

**– National Harbor, MD**

June 10-13, 2019

Sponsored by Engineers' Society of Western PA (ESWP)

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

Suggested topics include Accelerated Bridge Construction

**Awards Submission Deadline: January 11, 2019**

<https://eswp.com/bridge/awards/nomination-form/>

# Call for Paper Abstracts

**2019 PCI Fall Conference – Rosemont, IL**

September 25-28, 2019

Sponsored by Precast/Prestressed Concrete Institute (PCI)

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

**Paper Abstracts Submission Deadline: January 24, 2019**

[https://pci.org/PCI/News-Events/Call\\_for\\_Papers.aspx](https://pci.org/PCI/News-Events/Call_for_Papers.aspx)

**For additional information, contact:**

William Nickas, P.E., [wnickas@pci.org](mailto:wnickas@pci.org)



# Call for Abstracts

**5th International Orthotropic Bridge Conference – Santa Clara, CA**

August 14-16, 2019

Sponsored by Structural Engineering Institute (SEI) of American Society of Civil Engineers (ASCE), San Francisco Chapter in partnership with Santa Clara University and Capital Branch of ASCE Sacramento Section

<http://www.5obc.org/>

**Abstracts Submission Deadline:** February 1, 2019

<http://www.5obc.org/submit-an-abstract/>

**For additional information, contact:**

Edward J. Thometz, P.E., [Edward.Thometz@5obc.org](mailto:Edward.Thometz@5obc.org)

# Upcoming ABC-Related Activities at TRB Annual Meeting

January 13-17, 2019 – Washington, DC

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

## **Workshop 1026: ABC SHRP2 R04 Toolkit**

Sunday, 9:00 am – 12:00 pm, January 13, 2019

*Sponsored by AFH40; co-sponsored by AFF20, AFF30*

## **Workshop 1069: Latest Innovations in ABC – Quality Assurance, UHPC, and Visualization / 3D Modeling / Virtual Reality Technologies**

Sunday, 1:30 – 4:30 pm, January 13, 2019

*Sponsored by TRB Structures Section and Construction Section;  
co-sponsored by ABC Joint Subcommittee, AFF10, AFF20, AFF30, AFH40*

# Upcoming ABC-Related Activities at TRB Annual Meeting (cont'd., pg. 2)

January 13-17, 2019 – Washington, DC

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

## **Lectern Session 1184: Building Information Modeling for Bridges and Structures: Where We've Been and Where We're Going**

Monday, 10:15 am – 12:00 pm, January 14, 2019

*Sponsored by AFF10; co-sponsored by AFF20, AFH40, AFH70*

## **Lectern Session 1256: Recent Completed NCHRP Research Regarding Accelerated Bridge Construction**

Monday, 1:30 – 3:15 pm, January 14, 2019

*Sponsored by TRB Structures Section and Construction Section; co-sponsored by ABC Joint Subcommittee, AFF10, AFF20, AFF30, AFF50, AFH40*

# Upcoming ABC-Related Activities at TRB Annual Meeting (cont'd., pg. 3)

January 13-17, 2019 – Washington, DC

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

## Lectern Session 1376: **Special Topics in Bridge and Structures Construction Research**

Monday, 6:00 – 7:30 pm, January 14, 2019

*Sponsored by AFH40*

## Meeting: **Accelerated Bridge Construction Joint Subcommittee, AFF00(2)**

Monday, 6:00 – 9:30 pm, January 14, 2019

*Sponsored by Structures Section (AFF00) and Construction Section (AFH00);  
ABC Joint Subcommittee (AFF00(2))*

# **Upcoming ABC-Related Activities at TRB Annual Meeting (cont'd., pg. 4)**

**January 13-17, 2019 – Washington, DC**

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

## **Lectern Session 1674: Concrete Bridge Topics**

Wednesday, 8:00 – 9:45 am, January 16, 2019

*Sponsored by AFF30*

# **Additional Activities at TRB Annual Meeting**

**January 13-17, 2019 – Washington, DC**

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

## **Meeting: Structures Collaboration Subcommittee, AFF00(1)**

Tuesday, 1:30 – 3:15 pm, January 15, 2019

*Sponsored by Structures Section (AFF00);  
Structures Collaboration Subcommittee (AFF00(1))*

## **Lectern Session 1327: 14th Dialogue with Leaders in the Design and Construction of Transportation Facilities**

Monday, 3:45 – 5:30 pm, January 14, 2019

*Sponsored by Design and Construction Group (AF000);  
Geological and Geoenvironmental Engineering Section (AFP00);  
Geotechnical Engineering Section (AFS00)*

# **ABC-UTC**

## **Quarterly Research Seminar**

Friday, January 25, 2019 – 1:00-2:00 p.m. Eastern

### **An Integrated Project to Enterprise-Level Decision Making Framework for Prioritization of Accelerated Bridge Construction**

**Alice Alipour, Ph.D., P.E.,** Principal Investigator

**Ning Zhang, Ph.D.** Student

**ABC-UTC / Iowa State University**

**Registration to open soon!**

# Next Monthly Webinar



Thursday, January 10, 2019 – 1:00-2:00 p.m. Eastern

## Featured Presentation

# FDOT Main Street Bridge over Hogan's Creek Emergency Replacement Using ABC

by

**Sam Fallaha, P.E.**, Assistant State Structures Design Engineer, Florida Department of Transportation; **Robert Woodruff, P.E.**, Design Project Manager, Wantman Group, Inc.; and **Hal L. Jones III**, Design-Build Project Manager, Hal Jones Contractor

**Please mark your calendars!**



# **Call for Monthly Webinar Topics / Speakers**

**If you have suggested topics and speakers for  
future monthly webinar featured presentations,  
please let Mary Lou know at:**

**[ralls-newman@sbcglobal.net](mailto:ralls-newman@sbcglobal.net)**



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