

# Welcome to Webinar on Accelerated Bridge Construction

## Owner Perspective on ABC – Spotlight on SHRP2 R04 Fort Goff Creek Project and Caltrans' Laurel Street Overcrossing Project

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)**

**May 17, 2018 – 1:00 p.m. to 2:00 p.m. Eastern**



# Today's Monthly Webinar



**ABC Announcements** (10 minutes)

**Featured Presentation** (35 minutes)

## **Owner Perspective on ABC – Spotlight on SHRP2 R04 Fort Goff Creek Project and Caltrans' Laurel Street Overcrossing Project**

**Pamela Hutton, P.E.**, SHRP2 Implementation Manager, AASHTO; and **Dorie E. Mellon, P.E.**, Senior Bridge Engineer, Caltrans

**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



# 2019 TRB Annual Meeting

## Call for ABC Papers – due August 1

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

The National  
Academies of

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

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### Call For Papers Details

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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](http://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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Academies of  
SCIENCES  
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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 Abstracts and Session Proposals

**2019 Structures Congress – Orlando, FL**

April 25-27, 2019

Sponsored by ASCE/Structural Engineering Institute (SEI)

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

**Call for Abstracts and Session Proposals**

**Deadline: June 5, 2018**

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

# Call for Award Nominations

## 2018 Design-Build Project / Team Awards

Sponsored by the Design-Build Institute of America

<http://www.dbia.org>

- Completed and opened after March 31, 2015
- Completed under a single point of responsibility contract
- Completed on or ahead of schedule
- Completed within budget & with no claims or litigation
- Project met or exceeded owner expectations

**Submission Deadline:** May 23, 2018

[https://www.dbia.org/awards/Documents/DBIA\\_Award\\_Submission\\_Details\\_2018.pdf](https://www.dbia.org/awards/Documents/DBIA_Award_Submission_Details_2018.pdf)

# Call for Award Nominations

## **2018 NCSEA Excellence in Structural Engineering Awards**

*[Eligible projects must be substantially complete between January 1, 2015 and June 30, 2018]*

Sponsored by National Council of Structural Engineers Associations (NCSEA)

<http://www.ncsea.com>

### **Award Categories include:**

- New Bridges and Transportation Structures
- Renovation / Retrofit / Rehabilitation Structures

**Submission Deadline:** July 17, 2018

<http://www.ncsea.com/awards/excellenceinstructuralengineeringawards/>



# Upcoming Events

<http://www.trb.org/Main/Blurbs/177550.aspx>

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[Transportation Research Board](#) > [Blurbs](#) > TRB Webinar: Classifying Fracture Critical Members

## Thursday, June 7, 2018

Register Now

## 2:00-4:00 p.m. Eastern

### TRB Webinar: Classifying Fracture Critical Members

TRB will conduct a webinar on Thursday, June 7, 2018 from 2:00 PM to 4:00P M ET that that will discuss the concept of fracture critical members (FCMs) in steel bridges. Over the past decade, there have been various notions about what constitutes an FCM, but it was not clearly defined. This webinar will present recent research and specifications on methods to establish if a member should be classified as an FCM or not. Presenters will provide background to the development of the proposed guide and provide examples about how to evaluate internal member-level redundancy of mechanically-fastened built-up steel members. This webinar will also explore how the proposed guide specifications could be applied to twin tub girder bridges in the context of system behavior.

This webinar was organized by the TRB Standing Committee on Steel Bridges.

Some registrants will need to pay \$95 to attend this webinar. Sign into MyTRB.org to view registration information.

#### Webinar Presenters

- Robert Connor, *Purdue University*
- Matt Hebdon, *Virginia Tech University*
- Jason Lloyd, *Purdue University*
- Tom Murphy, *Modjeski and Masters, Inc.*

Moderated by: Francisco Javier Bonachera Martin, *Purdue University*

#### Professional Development Hour Information

A certificate for 2.0 Professional Development Hours (PDHs) will be provided to Professional Engineers (PEs) who register and attend the webinar as an individual. For groups, **only the person that registers and attends the session will receive a PDH certificate**. Certificates of Completion will be issued only to individuals who register for and attend the entire webinar session.

Individuals registered as Florida PEs are no longer required to email TRB with your license number to report your attendance. Instead, please use your certificate that TRB provides through RCEP.net as verification of your attendance to the Florida Board of Professional Engineers.

Please check with your licensing board to ensure that TRB webinar PDHs are approved by your board.

# Upcoming Events

## **2018 International Bridge Conference – National Harbor, MD**

June 11-14, 2018

Sponsored by Engineers' Society of Western Pennsylvania

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

**ABC-related Workshop – Tues., June 12, 1:00-4:30 p.m.:**  
***W-4, FRP Composite Bridge Materials: Design, Build,  
Strengthen***

Sponsored by the American Composites Manufacturers  
Association, <http://www.acmanet.org>

**For more information:** Contact John Busel at  
[jbusel@acmanet.org](mailto:jbusel@acmanet.org)

# Upcoming Events

## **FHWA / NDOT ABC PBE Project Showcase**

July 9-12, 2018

Sponsored by Federal Highway Administration and  
Nebraska Department of Transportation

**Belden-Laurel Bridge Replacement Project, on Hwy.  
US-20 between Villages of Belden and Laurel, NE**

**For more information:** Contact Jamal Elkaissi, P.E. at  
[Jamal.Elkaissi@dot.gov](mailto:Jamal.Elkaissi@dot.gov)

# New ABC-UTC K-12 Resources

## Bridge Engineering Children's Books

The screenshot shows the ABC-UTC website header with the logo and navigation menu. The 'Education' menu item is highlighted with a red box. Below the header, the 'K-12 Resources' section is visible, featuring a sub-section titled 'K-12 Resources' with a red box around the text 'K-12 - Other Resources'. A collection of children's books is displayed below this section.

This screenshot shows the 'K-12 Resources' section of the website. A red box highlights the text 'K-12 - Other Resources'. Below this, there is a section for 'UPCOMING EVENTS' with two entries: 'May 17, 2018 Owner Perspective on ABC - Spotlight on SHRP2 R04 Fort Goff Creek Project and Caltrans' Laurel Street Overcrossing Project' and 'May 23, 2018 Call for Award Nominations -'.

<https://abc-utc.fiu.edu/education/k-12-resources/>

This screenshot shows the 'Bridge Engineering Children's Books' section of the website. It features three book covers: 'Pop's Bridge' by Eve Bunting, 'Building Bridges' by Tammy Enz, and 'Cross a Bridge' by Ryan Ann Hunter. The text below the covers reads: 'There are many bridge-related children's books available to enhance your story time with your kids. Below is a list of some of the books that are used in our summer camps and teacher workshops.' The right side of the page shows a search bar and an 'UPCOMING EVENTS' section with the same two entries as the previous screenshot.

# ABC-UTC Summer 2018 Events

## 2018 Bridge Engineering Teacher Workshop

FIU Campus, Miami, FL

June 11-12, 2018

<https://abc-utc.fiu.edu/2018-bridge-engineering-teacher-workshop/>



## 2018 Parent/Child Bridge Engineering Summer Camp

FIU Campus, Miami, FL

June 13-15, 2018

<https://abc-utc.fiu.edu/2018-parent-child-bridge-engineering-summer-camp/>



**Contact:** Professor David Garber ([dgarber@fiu.edu](mailto:dgarber@fiu.edu))

# 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 4, 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

# Next Monthly Webinar



Thursday, June 21, 2018 – 1:00-2:00 p.m. Eastern

## Featured Presentation

# Rhode Island DOT Replaces Bridges Over Extended Weekends Using PBES and SPMTs

by

**David W. Fish, P.E.**, Administrator of Project Management,  
Rhode Island Department of Transportation; and **Witold  
Kloczkowski, P.E.**, Project Manager, CE&C

To register, visit: [www.abc-utc.fiu.edu](http://www.abc-utc.fiu.edu)



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