

# Welcome to Monthly Webinar on Accelerated Bridge Construction

## Precast Culverts Flood Mitigation & Pedestrian Safety Solution – Allen Creek Railroad Berm 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)

April 22, 2021 – 1:00 p.m. to 2:15 p.m. Eastern



# Today's Monthly Webinar



**ABC Announcements**

(10 minutes)

**Featured Presentation**

(35 minutes)

## **Precast Culverts Flood Mitigation & Pedestrian Safety Solution – Allen Creek Railroad Berm Project**

by

**Jeremy Hedden, P.E.**, Project Manager, Bergmann Associates;  
and **Jim Washabaugh**, Bridge Product Manager, Northern  
Concrete Pipe, 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)**

2021 Virtual Accelerated Bridge Construction Conference:  
*With Emphasis on International Experiences*

December 8-10, 2021

Call For Abstracts – Deadline: July 23, 2021



# **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**
- **Speakers only will be allowed to be in Miami and give their presentations, while all attendees will be using internet**
- **Certificates of attendance**
  - **Each participant will receive a certificate of attendance**
  - **FIU is an official sponsor of continuing education in Florida (FBPE) and in New York State (NYS)**

# Co-Sponsoring Organizations

## Federal Highway Administration

Alabama Dept. of Transportation  
Alaska DOT&PF  
Arizona Dept. of Transportation  
California 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

## International Co-Sponsors

IABSE (International Association for Bridge and Structural Engineering)

# How To Submit Abstract?

(Focus on International Projects)

December 8-10, 2021

Please use link provided on “Conference”  
page of ABC-UTC website to submit your  
one-page abstract

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

# Special Issue of Open Access Material Journal

*Deadline: December 2021*

**“Ultra High-Performance Concrete (UHPC):  
Current and Future Research”**

Guest Editor: Atorod Azizinamini

For more information

[https://www.mdpi.com/journal/materials/special\\_issues/ultrahigh\\_performanceconcrete#editors](https://www.mdpi.com/journal/materials/special_issues/ultrahigh_performanceconcrete#editors)



# Upcoming Events

## ASBI Webinars:

**How is the First Segmental Bridge in the U.S. Performing? An Update on the JFK Causeway**

Wednesday, April 28, 2021

1:00-2:00 p.m. EDT

**US54 Canadian River Bridge Replacement**

Wednesday, May 26, 2021

1:00-2:00 p.m. EDT

For more information and to register:

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

# Upcoming Events

## **ASBI Construction Practices for Segmental Concrete Bridges Seminar**

Marriott Seattle Airport, Seattle, Washington  
June 7-8, 2021

## **ASBI 33<sup>rd</sup> Annual Convention**

Westin La Paloma Resort and Spa, Tucson, Arizona  
November 8-10, 2021

For more information:

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

# Upcoming Events

## **NPCA Specifier Webinar:**

*Use of Precast Elements for Accelerated Bridge Construction*

Sponsored by National Precast Concrete Association (NPCA)

<https://precast.org/>

**Date:** Tuesday, June 22, 2021

**Time:** 12:00-1:30 p.m. EDT

## **Presenter:**

Michael P. Culmo, P.E.

Chief Bridge Engineer

CHA Consulting, Inc.

For more information and to register (free):

<https://precast.org/npcawebinars/>

**NSBA**  
releases new  
***Guide to  
Navigating Routine  
Steel Bridge Design***  
***AASHTO LRFD Bridge Design  
Specifications, 9th Edition***

Download this free guide  
at:  
[www.aisc.org/nsba](http://www.aisc.org/nsba)



**Navigating Routine  
Steel Bridge Design**

AASHTO LRFD Bridge Design  
Specifications, 9th Edition



Smarter.  
Stronger.  
Steel.

# ABC-UTC

## Semi-Annual Research Day

Thursday, April 29, 2021 – 10:00 a.m.-2:00 p.m. E

## 2021 Research Day 1



Register at: <https://abc-utc.fiu.edu/>



# ABC-UTC

## Quarterly Research Seminar

Friday, April 30, 2021 – 1:00-2:00 p.m. Eastern

# Connections for Concrete-Filled Steel Tubes in Bridge Applications

by

**Dawn E. Lehman, Ph.D. and Charles W. Roeder,  
Ph.D., Principal Investigators**

**ABC-UTC / University of Washington**

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

# Next Monthly Webinar



Thursday, May 13, 2021 – 1:00-2:15 p.m. E

## Featured Presentation

# How Contractors Can Help Owners Deliver Better ABC Projects

by

**Bill Duguay, P.E.**, President, Duguay Consulting Group, LLC;  
**Mark Traynowicz, P.E.**, State Bridge Engineer, Nebraska  
Department of Transportation; and **Jack Harney**, Vice President,  
D.W. White Construction

**Mark your Calendars!**

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**Featured Presentation:**

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by

**Jeremy Hedden, P.E., Project Manager, Bergmann Associates; and Jim Washabaugh, Bridge Product Manager, Northern Concrete Pipe, Inc.**

**Please post your questions in the question box**