

Welcome to Monthly Webinar on Accelerated Bridge Construction

Contractor Perspective on ABC – SHRP2 R04 Spotlight on IL 115 Gar Creek Bridge Lateral Slide

Sponsored by

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

Florida International University



Website: abc-utc.fiu.edu

Email: abc@fiu.edu

September 20, 2018 – 1:00 p.m. to 2:00 p.m. Eastern



Today's Monthly Webinar



ABC Announcements

(10 minutes)

Featured Presentation

(35 minutes)

Contractor Perspective on ABC – SHRP2 R04 Spotlight on IL 115 Gar Creek Bridge Lateral Slide

Pamela Hutton, P.E., SHRP2 Implementation Manager, AASHTO; **Erik R. Tobey**, Estimating/Operations Manager, Tobey's Construction & Cartage, Inc.; and **Dale R. Meredith**, Estimating/Project Manager, Tobey's Construction & Cartage, 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
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

2019

INTERNATIONAL ACCELERATED BRIDGE CONSTRUCTION CONFERENCE:

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



FIU | Engineering
& Computing
Civil and Environmental Engineering

December 11-13, 2019
Miami, FL

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 related to ABC.

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



ABC-UTC

Request for Information

Upcoming ABC Projects, with the following information:

- Project name and state
- Planned construction year
- Overall length
- Number of spans
- Girder material type
- Construction method / equipment

Send email to:

Atorod Azizinamini: aazizina@fiu.edu

w/ copy to Mary Lou Ralls: ralls-newman@sbcglobal.net

Calls for Paper Abstracts

2019 International Bridge Conference

– **National Harbor, MD**

June 10-13, 2019

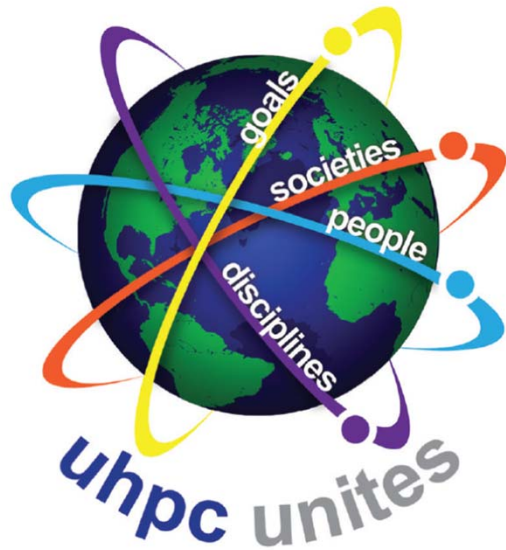
Sponsored by Engineers' Society of Western PA (ESWP)

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

Suggested topics include **Accelerated Bridge Construction**

Call for Paper Abstracts: Due October 1, 2018

<https://eswp.com/bridge/call-for-papers/>



2nd International Interactive Symposium on Ultra-High Performance Concrete

Web Search: ***UHPC 2019 Albany***

**Abstract Deadline:
OCTOBER 15, 2018**

DATE: June 2-5, 2019

LOCATION: Albany, New York

VENUE: Hilton Albany

**Innovation Awards
Deadline:
MARCH 1, 2019**

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

ABC-UTC 2018 In-Depth Web Training

VTrans' Programmatic Implementation of ABC

September 25, 2019 – 11:00 a.m. to 3:00 p.m. E

Module	Module Title	Speakers
1	Programmatic Approach to ABC – Structures Policy	Kristin Higgins, P.E., Structures Program Manager, Vermont Agency of Transportation (VTrans)
2	Expediting Project Delivery	Robert Young, P.E., Accelerated Bridge Program Manager, VTrans; Laura Stone, P.E., Structures Scoping Engineer, VTrans
3	Innovative Contracting and ABC	Kristin Higgins, P.E., Structures Program Manager, Vermont Agency of Transportation (VTrans); Aaron Guyette, P.E., Transportation Market Lead, VHB; Mark Alexander, Vice President of Construction, Kubricky Construction Corp., Wilton, New York; Gordon Eastman, Chief Construction Inspector, WSP
4	Standardization / Innovations / Incentive-Disincentive	Robert Young, P.E., Accelerated Bridge Program Manager, VTrans; Jim Lacroix, P.E., Structures Design Engineer, VTrans
5	Public Outreach / ABC Results	Laura Stone, P.E., Structures Scoping Engineer, VTrans; Robert Young, P.E., Accelerated Bridge Program Manager, VTrans; Phillip B. Swanson, Municipal Manager, Town of Woodstock, VT
6	Project Highlights – Contractor Perspective	Robert Young, P.E., Accelerated Bridge Program Manager, VTrans; Chad Contaldi, Project Manager, Cold River Bridges, Walpole, New Hampshire

ABC-UTC 2018 In-Depth Web Training **VTrans' Programmatic Implementation** **of ABC – Module 1**

September 25, 2019 – 11:00-11:40 a.m. Eastern

Programmatic Approach to ABC – Structures Policy

Kristin Higgins, P.E., Structures Program Manager, VTrans

- **Accelerated Bridge Program Overview**
 - **ABC Prior to the ABP**
 - **Origins of the ABP**
 - **Current State of the VTrans ABP**

ABC-UTC 2018 In-Depth Web Training

VTrans' Programmatic Implementation of ABC – Module 2

September 25, 2019 – 11:40 a.m.-12:20 p.m. Eastern

Expediting Project Delivery

Robert Young, P.E., Accelerated Bridge Program Manager, VTrans; and **Laura Stone, P.E.**, Structures Scoping Engineer, VTrans

- **Scoping Process**
 - **Overview of the Project Initiation and Innovation Team**
 - **Stakeholder Collaboration and Participation at the Scoping Phase**
- **Expedited Project Development Process**
 - **Project Schedules**
 - **Re-Defining the Right-of-Way Process**
 - **Mitigating Risks**

ABC-UTC 2018 In-Depth Web Training

VTrans' Programmatic Implementation of ABC – Module 3

September 25, 2019 – 12:20-1:00 p.m. Eastern

Innovative Contracting and ABC

Kristin Higgins, P.E., Structures Program Manager, VTrans; **Aaron Guyette, P.E.**, Transportation Market Lead, VHB; **Mark Alexander**, Vice President of Construction, Kubricky Construction Corp., Wilton, New York; and **Gordon Eastman**, Chief Construction Inspector, WSP

- **Construction Manager/General Contractor Overview (CM/GC)**
- **Project Highlights**
 - **Hartford Bridge Replacement Project**
 - **Middlebury Tunnel Project**
 - **Colchester Interstate Deck Replacement Project**
- **Lessons Learned**

ABC-UTC 2018 In-Depth Web Training **VTrans' Programmatic Implementation** **of ABC – Module 4**

September 25, 2019 – 1:00-1:40 p.m. Eastern

Standardization / Innovations / Incentive-Disincentive

Robert Young, P.E., Accelerated Bridge Program Manager,
VTrans; and **Jim Lacroix, P.E.**, Structures Design Engineer, VTrans

- **Standardization and Evolution of Details**
- **Innovations**
- **Incentive/Disincentive**

ABC-UTC 2018 In-Depth Web Training

VTrans' Programmatic Implementation of ABC – Module 5

September 25, 2019 – 1:40-2:20 p.m. Eastern

Public Outreach / ABC Results

Laura Stone, P.E., Structures Scoping Engineer, VTrans; **Robert Young, P.E.**, Accelerated Bridge Program Manager, VTrans; and **Phillip B. Swanson**, Municipal Manager, Town of Woodstock, VT

- **VTrans' Road Closure Policy**
 - **Importance of Public Outreach**
 - **Legislation to Promote Road Closures**
 - **Public Outreach Methods**
 - **Outreach During Construction**
- **ABC Results – Cost, Schedule and Customer Satisfaction Data**
 - **Case Study: Woodstock Village Bridge 51**

ABC-UTC 2018 In-Depth Web Training **VTrans' Programmatic Implementation** **of ABC – Module 6**

September 25, 2019 – 2:20-3:00 p.m. Eastern

Project Highlights – Contractor Perspective

Robert Young, P.E., Accelerated Bridge Program Manager, VTrans;
and **Chad Contaldi**, Project Manager, Cold River Bridges, Walpole, New
Hampshire

- **Collaboration with Industry**
- **Evolution of Contractor Involvement in ABC Projects**
 - **Case Studies**
 - **Contractor Fabricated Precast Structures**
- **Lessons Learned**

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)

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

ABC-UTC

Quarterly Research Seminar

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

Accelerated Repair of Existing Bridges Using UHPC

Atorod Azizinamini, Ph.D., P.E., Principal Investigator

Mahsa Farzad , Ph.D. Candidate

Alireza Valikhani, Ph.D. Candidate

ABC-UTC / Florida International University

Registration Link opening soon:

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



Next Monthly Webinar

Thursday, October 18, 2018 – 1:00-2:00 p.m. Eastern

Featured Presentation

ABC Methods for Delaware's All-Precast Bridge 1-438

by

Nicholas Dean, P.E., M.C.E., Project Engineer, Bridge Design,
Delaware Department of Transportation

Please mark your calendars!

Today's Monthly Webinar



ABC Announcements

(10 minutes)

Featured Presentation

(35 minutes)

Contractor Perspective on ABC – SHRP2 R04 Spotlight on IL 115 Gar Creek Bridge Lateral Slide

Pamela Hutton, P.E., SHRP2 Implementation Manager, AASHTO; **Erik R. Tobey**, Estimating/Operations Manager, Tobey's Construction & Cartage, Inc.; and **Dale R. Meredith**, Estimating/Project Manager, Tobey's Construction & Cartage, Inc.

Question and Answer

(15 minutes)

Please post your questions in the question box