

**Welcome to Webinar on
Accelerated Bridge Construction**

**87-Hour Bridge Construction in
Arizona: ABC & ARC at the Speed
of Commerce**

Sponsored by

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

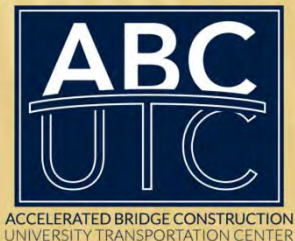
Florida International University



Website: abc-utc.fiu.edu

Email: abc@fiu.edu

August 10, 2017 – 1:00 p.m. to 2:00 p.m. Eastern



Today's Webinar

ABC Announcements

(10 minutes)

Featured Presentation

(35 minutes)

87-Hour Bridge Construction in Arizona: ABC & ARC at the Speed of Commerce

Annette Riley, P.E., Assistant Division Administrator,
Infrastructure Delivery and Operations Division, Arizona DOT;
Kevin Kimm, P.E., Senior Structural Engineer, Kimley-Horn and
Associates; and **Reece Green**, Project Manager, Pulice
Construction, Inc.

Question and Answer

(15 minutes)

Please post your questions in the question box

2017 Conference Update

SPONSORED BY

Accelerated Bridge Construction - University Transportation Center (ABC-UTC)
Civil and Environmental Engineering Department at Florida International University
www.abc-utc.com

FIU

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Florida International University
2017-2018
www.fiu.edu

National Accelerated Bridge Construction Conference

December 7th -8th, 2017
Workshops December 6th
Hyatt Regency Hotel
Miami, Florida

FIU | Engineering
& Computing
FLORIDA INTERNATIONAL UNIVERSITY



Conference Co-Sponsors

- FHWA
- 30 State DOTs
- TRB

2017 Conference at a Glance

Wednesday, December 6

Eleven (11), four-hour workshops

General Session

Thursday, 8:15–10:15 a.m.

Keynote Speaker – Secretary of Transportation – Elaine Chao (Invited)

Thursday and Friday

120 Technical Presentations

Breakfast at Exhibit Hall

Thursday and Friday, 7:00–8:15 a.m.

Reception in Exhibit Hall

Thursday, 6:00–7:30 p.m.

Spouse Program

Thursday, 8:00 a.m. to 4:00 p.m.

Pre-Conference Workshops

No.	Time	Workshop Title
1	a.m.	Implementation of the new AASHTO Guide Specifications for ABC
2	"	Lightweight Concrete – A Tool for Accelerated Bridge Construction
3	"	Programmatic Approach to Accelerated Bridge Construction
4	"	Ultra-High Performance Concrete Connections for Prefabricated Bridge Elements
5	"	Foundation Re-use for ABC Projects
6	p.m.	Proven Advanced Technologies Initiative
7	"	Self-Propelled Modular Transporters for ABC Trends, Challenges, and Future Activities
8	"	Today's Precast, Prestressed Concrete Bridge Design
9	"	Recent Developments in Steel ABC Applications
10	"	Innovative Bridge Designs for Rapid Renewal, SHRP2 R04 ABC Toolkit
11	"	Accelerated Bridge Construction in Seismic Regions

Note: **a.m.** = 8:00 a.m. to noon; **p.m.** = 1:00-5:00 p.m.

Call for Award Nominations

Deadline: September 15, 2017

Award Categories:

- Most Influential Person Contributing to the Cause and Implementation of ABC
- Best ABC Project in the following categories:
 - Lateral Slide Technology
 - Self-Propelled Modular Transporters
 - Prefabricated Bridge Elements and Systems
 - Emergency

Judges:

- Carmen Swanwick, Utah DOT, Chair
- Benjamin Beerman – FWHA
- Bruce Johnson – Oregon DOT
- Ahmad Abu-Hawash – Iowa DOT
- Corey Rogers – Michigan DOT
- William Oliva – Wisconsin DOT

- Obtain nomination form online
- Submit to Atorod Azizinamini at aazizina@fiu.edu

**Submission deadline:
September 15, 2017**

Reserve your Hotel at Conference Rate



Many art shows and other activities take place in Miami in December. We strongly encourage you to reserve your hotel room at the special conference rate by visiting www.abc-utc.fiu.edu soon, while rooms are available.

Exhibit at 2017 Conference



Exhibit Booths are available (about 20 booths still available)

Visit www.ABC-UTC.fiu.edu to reserve

Travel Scholarships



State DOT, county engineers, and other bridge owners interested in receiving travel scholarships should send an email to Atorod Azizinamini at 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 – Hyatt Regency DT
- Registration to attend workshops – Wed., Dec. 6
- Registration to attend conference – Thurs.- Fri., Dec. 7-8
- Airline ticket
- Transportation from airport to hotel and back
- Per diem based on Florida government rate

Call for Award Nominations

2018 PCI Design Awards

Projects completed within the last three years
(no earlier than January 1, 2014)

Sponsored by Precast/Prestressed Concrete Institute

<http://www.pci.org>

Submission Deadline: September 18, 2017

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

For more information, contact:

William Nickas, WNickas@pci.org

Call for Award Nominations

2018 NSBA Prize Bridge Awards

Bridges built in the U.S. of fabricated structural steel and completed / opened to traffic between May 1, 2015 and September 30, 2017

Sponsored by National Steel Bridge Alliance (NSBA)

<https://www.aisc.org/nsba>

In addition to Award Categories, NSBA offers special commendation to projects that best exemplify ABC

Submission Deadline: December 8, 2017

<https://www.steelbridges.org/2018prizebridge>

For more information, contact:

[Matt Shergalis, Shergalis@steelbridges.org](mailto:Shergalis@steelbridges.org)

Calls for Abstracts & Workshops

35th Annual International Bridge Conference

– National Harbor, MD

June 11-14, 2018

Sponsored by Engineers' Society of Western PA (ESWP)

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

Suggested topics include Accelerated Bridge Construction

Call for Paper Abstracts:

Deadline for submission: October 1, 2017

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

Call for Workshops:

Deadline for submission: December 8, 2017

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

ABC-UTC In-Depth Web Training

Utah DOT's Accelerated Bridge Program

**Tuesday, September 12, 2017
11:00 a.m. to 3:00 p.m. Eastern**

Six 40-minute modules

ABC-UTC In-Depth Web Training

Sept. 12, 11:00 a.m. to 3:00 p.m. Eastern

Module	Module Title	Speaker
1	Introduction and ABC Program	Carmen Swanwick, P.E. Chief Structural Engineer Utah DOT
2	Structures Design and Detailing Manual - ABC Aspects	Cheryl Hersh Simmons, P.E. Structures Design Manager Utah DOT
3	Fabricator and Contractor Perspectives	Lee Wegner, Sales/Project Mgmt, Forterra Structural Precast; and Eric Wells, Area Manager, Granite Construction, Inc.
4	Performance History and Lessons Learned	Mike Culmo, P.E., Vice President of Transportation & Structures, CME Associates Inc.
5	Project Highlights	Cheryl Hersh Simmons, P.E.
6	Project Highlights	Carmen Swanwick, P.E.

ABC-UTC In-Depth Web Training

**Utah DOT's Accelerated
Bridge Program**

Tuesday, September 12, 2017

11:00 a.m. to 3:00 p.m. Eastern

**Free Online Registration
is now open at:**

abc-utc.fiu.edu

ABC-UTC

Quarterly Research Seminar

Thursday, November 2, 2017 – 1:00-2:00 pm Eastern

Development and Seismic Evaluation of Pier Systems with Pocket Connections and UHPC Columns

ABC-UTC / University of Nevada, Reno

Researcher Team Presenters:

- **M. “Saiid” Saiidi, Ph.D., P.E.**, Professor, Civil and Environmental Engineering Department, UNR
- **Alireza Mohebbi**, Ph.D. Candidate, UNR

Mark your calendar!

www.abc-utc.fiu.edu



ACCELERATED BRIDGE CONSTRUCTION
UNIVERSITY TRANSPORTATION CENTER



Home Research Education Technology Transfer Resources 2017 ABC Conference Events **News**

News

Jul 31, 2017

[Accelerated Construction Cuts Comm Ave Bridge Work Time](#)

Before Friday's generally smooth rollout of work to replace the eastbound lane of the Commonwealth Avenue bridge, the Massachusetts transportation secretary tried to be upbeat about the impending traffic disruption. "While it will be a hellish three weeks, if we weren't using the accelerated bridge construction technique, it would be a hellish three or four or five years," Stephanie Pollack said at news conference Tuesday by the half-century old bridge. ...

Jul 31, 2017

[Prefab Parts Promise Faster Fix for Decrepit Bridges](#)

... ABC, which first emerged about 30 years ago, could play a big part in upgrading more than 56,000 bridges that ASCE deems structurally deficient. ...

SEARCH

Google Custom Search



UPCOMING EVENTS

August 10, 2017

**87-Hour Bridge
Construction in Arizona:
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Speed of Commerce**

August 15, 2017

**FHWA Every Day Counts
UHPC Webinar 6: Pulaski
Skyway – Owner's
Perspective**

August 21, 2017 – August 22, 2017

**2017 New York City
Bridge Conference – NY
NY**



Next Webinar

Thursday, September 21, 2017 (1:00 – 2:00 p.m. Eastern)

Featured Presentation

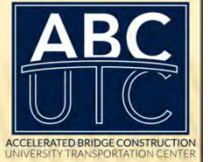
Ohio's Muskingum County Bridge Replacement with SPS Deck on Press-Brake-Formed Steel Tub Girders

by

Douglas Davis, P.E., County Engineer, Muskingum County, Ohio; **Rolando Moreau**, Bridge Lead, Intelligent Engineering; and **Dave Cox**, Plant Manager, Maico Industries, Inc.

To register, visit: www.abc-utc.fiu.edu

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