

**Welcome to Webinar on
Accelerated Bridge Construction**

**UHPC Connections for Accelerated
Bridge Construction**

Sponsored by

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

Florida International University



Website: abc-utc.fiu.edu

Email: abc@fiu.edu

January 21, 2016 – 1:00 p.m. to 2:00 p.m. Eastern

Today's Webinar

ABC Announcements (10 minutes)

Featured Presentation (35 minutes)

UHPC Connections for Accelerated Bridge Construction

**Benjamin A. Graybeal, Ph.D., P.E., Team Leader for
Bridge Engineering Research, Federal Highway
Administration**

Question and Answer (15 minutes)

Please post your questions in the question box

2015
**NATIONAL ACCELERATED BRIDGE
CONSTRUCTION CONFERENCE**


December 7 and 8, 2015

Workshops December 6, 2015
Hyatt Regency, Miami, Florida

www.2015abc.fiu.edu

**Short video tape capturing the highlights of
2015 National ABC Conference can be
viewed by visiting**

www.2017abc.fiu.edu



Mark Your Calendar

2017 National Accelerated Bridge Construction Conference

December 7 and 8, 2017: Conference

December 6, 2017: Workshops

Miami, FL



Mark your Calendar!

Next Conference:

December 6-8, 2017, Miami, FL

Visit

www.2017abc.fiu.edu

for updates

Call for Award Nominations

2016 Transportation Leadership Awards

Sponsored by the Design-Build Institute of America

<http://www.dbia.org>

- **Owner of the Year**
- **Individual Leadership Awards**
 - Owner (Public or Private)
 - Industry Professional (including, but not limited to, architect, engineer, specialty contractor, attorney and academic)
 - Young Professional (age 35 and younger)

Online Application Deadline: February 15, 2016

<http://www.dbia.org/awards/Pages/Transportation-Leadership-Awards.aspx>

2016 James D. Cooper Student Paper Competition

Sponsored by the Engineers' Society of Western
Pennsylvania & others

<https://eswp.com/>

Open to college & university engineering students in United
States & worldwide

Requested topics include ABC

Submission Deadline: April 1, 2016

Submit in Adobe PDF format with entry form to:

c.weber@eswp.com

For details: <https://eswp.com/bridge/awards/>

Upcoming Events

WSDOT 2016 UHPC Workshop – Tumwater, WA

Wednesday, February 17, 2016 – 8:30 am to 5:00 pm

Sponsored by WSDOT Bridge & Structures Office

Program by Benjamin A. Graybeal, Ph.D., P.E., Team Leader for Bridge Engineering Research, FHWA

No registration fee

If you plan to attend, contact:

Theron Sherman at Theron.Sherman@wsdot.wa.gov or
360-705-7204

Upcoming Events

2016 PCI Convention and National Bridge Conference – Nashville, TN

March 1-5, 2016

Sponsored by Precast/Prestressed Concrete Institute (PCI)

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

Several ABC presentations

Early bird registration deadline: February 1, 2016

To register: <http://www.pci.org/2016convention/>

For more information, contact William Nickas:

WNickas@pci.org

Upcoming Events

2016 World Steel Bridge Symposium – Orlando, FL

April 13-15, 2016

Sponsored by National Steel Bridge Alliance (NSBA)

<http://www.aisc.org/wsbs>

Held in conjunction with AISC's NASCC: The Steel Conference

Session B1: Accelerated Bridge Construction

Wednesday 10:30 a.m. – noon // 1.5 PDHs

Online registration:

<http://www.wynjade.com/nascc16/>

For more information, contact Bill McEleney:

McEleney@steelbridges.org

Upcoming Events

2016 Design-Build in Transportation Conference – Charlotte, NC

April 18-20, 2016

Sponsored by Design-Build Institute of America (DBIA)

<http://www.dbia.org/Conferences/transportation/>

Owner Scholarships Deadline: February 22, 2016

For questions regarding Owner Scholarships, contact:

Allison Leisner at aleisner@dbia.org

Early Bird Registration Deadline: March 4, 2016

Upcoming Events

First International Interactive Symposium on UHPC – Des Moines, IA

July 18-20, 2016

Online registration deadline: May 15, 2016

To register:

<http://register.extension.iastate.edu/uhpc2016/>

For questions about the conference content, contact:

uhpc2016@iastate.edu

For questions about the conference registration, contact:

registrations@iastate.edu

2016 Istanbul Bridge Conference

August 8-10, 2016

Hilton Bosphorus, Istanbul, Turkey

Special Session on Accelerated Bridge Construction



IstanbulBridgeConference.org
8-10 AUGUST 2016 Hilton Bosphorus
Istanbul, Turkey

Session Chair: Atorod Azizinamini

Submit one-page Abstract by February 4, 2016
to aazizina@fiu.edu or at conference website;
indicate that Abstract is for ABC session

www.2016.istanbulbridgeconference.org

Upcoming Events

**CAMX – The Composites and Advanced Materials Expo –
Anaheim, CA**

September 26-29, 2016

<http://www.thecamx.org>

Sponsored by American Composites Manufacturers Association (ACMA) & Society for the Advancement of Material and Process Engineering (SAMPE)

<http://www.acmanet.org> & <http://www.sampe.org/>

Abstract Submission Deadline: March 1, 2016

<http://www.thecamx.org/call-for-abstracts/>

For more information, contact John Busel:

jbusel@acmanet.org

Upcoming Events

2017 PCI Convention and National Bridge Conference – Cleveland, OH

February 28 – March 4, 2017

Sponsored by Precast/Prestressed Concrete Institute (PCI)

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

Abstract Submission Deadline: February 8, 2016

http://www.pci.org/news_and_events/pci_convention/call_for_papers/

Slide-in Bridge Construction (SIBC) Training Materials

Six short courses:

- A 4-hour overview for all audiences
- Five 1-hour short courses:
 - For designers
 - For construction engineers/contractors
 - For owner-agencies
 - Case studies for all audiences
 - Abbreviated overview for all audiences

Available on the FHWA website:

<http://www.fhwa.dot.gov/construction/sibc/>

Slide-in Bridge Construction

Slide-in bridge construction (SIBC, more commonly known as "lateral slide") is one of several [Accelerated Bridge Construction](#) (ABC) technologies being promoted.

This web page links to a variety of key resources from across the country. The focus is on helping owner-agencies, designers, and construction contractors with implementing this technology. [Read more about SIBC](#)

Quick Links



Training

Do-It-Yourself Training



- [Design Engineers](#) (.ppt, 230 mb)
- [Construction Contractors](#) (.ppt, 90 mb)
- [Bridge Owners](#) (.ppt, 230 mb)
- [Overview](#) (.ppt, 420 mb)
- [Case Studies](#) (.ppt, 600 mb)
- [Extended Overview](#) (.ppt, 635 mb)

- [Participant Handbook](#) (.pdf, 2 mb)
- [Instructor Guide](#) (.pdf, 2 mb)
- [Notes Booklet.pdf](#) (.pdf, 1 mb)
- [Handouts with Notes](#) (.pdf, 47 mb)
- [Handouts 2 per page.pdf](#) (.pdf, 23 mb)

Feature

ABC-UTC Graduate Student Seminar

Friday, January 29, 2016 (1-2 pm Eastern)

Novel Bridge Column Connections for Use in ABC

Application of Advanced Materials and New Detailing for ABC Column Connections

by

Mostafa Tazarv, Ph.D.

UNR Graduate and former UNR post-doc
Assistant Professor, South Dakota State University
(graduated August 2014)



Earthquake-Resistant Precast Pin and Moment Bridge Column Connections

by

Ali Mehrsoroush, Ph.D.

UNR post-doc
(graduated December 2014)



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

Procedure for Issuing Certificates of Attendance

- Procedure is automated
- Any site registered for this webinar will receive a notification email for your response
- Click on the link to obtain a certificate
- For multiple participants at your site, also click the second link and provide first name, last name, & email address for each participant; each participant will then receive an automatic email with link to print individual certificate

Next Webinar

Thursday, February 25, 2016 (1:00 – 2:00 p.m. Eastern)

Featured Presentation

Tennessee DOT's Fast Fix 8 Project in Downtown Nashville

by

**Wayne Seger, P.E., Director, Structures Division,
TDOT; Lia Obaid, P.E., Ass't. Dir. of Construction,
TDOT; and Ted Kniazewycz, P.E., Senior Bridge
Engineer with Gresham, Smith and Partners**

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

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