

**Welcome to Webinar on
Accelerated Bridge Construction**

**Concrete Filled Steel Tube Bridge
Pier Connections – An ABC
Solution**

Sponsored by

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

Florida International University



Website: abc-utc.fiu.edu

Email: abc@fiu.edu

June 16, 2016 – 1:00 p.m. to 2:00 p.m. Eastern

Today's Webinar

ABC Announcements (10 minutes)


Featured Presentation (40 minutes)

Concrete Filled Steel Tube Bridge Pier Connections – An ABC Solution

Bijan Khaleghi, Ph.D., P.E., S.E., State Bridge Design Engineer, WSDOT; **Dawn Lehman, Ph.D.**, Professor, University of Washington; & **Charles Roeder, Ph.D., P.E.**, Professor, Univ. of Washington

Question and Answer (10+ minutes)

Please post your questions in the question box



Mark Your Calendar

2017 National Accelerated Bridge Construction Conference

December 7 and 8, 2017: Conference

December 6, 2017: Workshops

Miami, FL




2017 National ABC Conference

December 6-8, 2017 – Miami, FL

Call for Abstracts will open Aug. 1, 2016

Visit www.abc-utc.fiu.edu for updates






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Miami, FL



2015 National ABC Conference Proceedings

**See www.abc-utc.fiu.edu →
“Conference” → “Conference Archives”**



Call for Award Nominations

2016 NCSEA Excellence in Structural Engineering Awards

[Eligible projects must be substantially complete between January 1, 2013 and December 31, 2015]

Sponsored by National Council of Structural Engineers Associations (NCSEA)

<http://www.ncsea.com>

Award Categories include:

- New Bridges/Transportation Structures
- Renovation/Retrofit Structures

Submission Deadline: July 12, 2016

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

Call for Award Nominations

2016 PCI Design Awards

Projects completed within the last three years
(no earlier than January 1, 2013)

Sponsored by Precast/Prestressed Concrete Institute

<http://www.pci.org>

Submission Deadline: October 3, 2016

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

For more information, contact:

William Nickas, WNickas@pci.org

Call for Presentations

**2017 Design-Build in Transportation Conference –
Minneapolis, MN**

March 27-29, 2017

Sponsored by Design-Build Institute of America (DBIA)

<http://www.dbia.org>

Submission Deadline: August 1, 2016

http://www.dbtranspo.com/call_for_papers.cfm

For more information, contact:

Allison Leisner, aleisner@dbia.org

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Transportation Innovation Series: Accelerated Bridge Construction University Transportation Center Strategic Goal: State of Good Repair

Date: 06/22/2016**First Name Prefix:** Dr.**First Name :** Atorod**Last Name:** Azizinamini**Last Name Suffix:** P.E.**Title:** Professor and Chair**Organization:** Florida International University**Address:** USDOT Headquarters, West Building, Conference Center Rooms 8-10, and webcast
Washington, DC 20590
United States**OST-R Office:** Office of Research, Development and Technology**Event Category:** Transportation Innovation Series

Accelerated Bridge Construction (ABC) is about more than just building bridges. It is about serving society while addressing a pressing national challenge. ABC represents a paradigm shift in project planning, procurement, and bridge delivery approach, which elevates mobility, public and worker safety, environmental impact, public health, and reduction in onsite construction activities to a higher priority. With about 25 percent of the nation's bridges in need of retrofit or replacement, it is no longer feasible to build bridges using conventional approaches. The Accelerated Bridge Construction UTC (www.abc-utc.fiu.edu), is a Tier 1 Center established under MAP-21 in 2013. Its objective is to assist in providing the best accelerated bridge construction solutions through research, workforce development, and technology transfer activities. This presentation provides an overview of research studies that are currently underway and other studies that need to be carried out in order to make the necessary paradigm shift. Florida International University, with its partners --Iowa State University, the University of Nevada-Reno, and other organizations, has made significant progress in promoting ABC since becoming a UTC. However, as is outlined in the presentation, much more work needs to be carried out before ABC is simply replaced with BC.



http://www.rita.dot.gov/transportation_innovation_series_2016_06_15

For more information, contact Denise E. Dunn at denise.e.dunn@dot.gov

ABC-UTC

Graduate Student Seminars

- Quarterly starting in 2016
- 1-hour in length, web-based
- Presented by ABC-UTC graduate students
- Two 20-minute student presentations, each followed by 10-minute Q&A
- Presentation content:
 - Overview of ABC aspects of research project
 - Student's tasks in the project
 - ABC research products for implementation

Mark your calendar for 3rd seminar:

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

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

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UPCOMING EVENTS

June 16, 2016
Concrete Filled Steel Tube Bridge Pier Connections – An ABC Solution

June 26, 2016 – June 30, 2016
AASHTO 2016 Subcommittee on Bridges and Structures Annual Meeting - Minneapolis, MN

June 30, 2016
Call for Entries - Submission

ABC-UTC

FIU FLORIDA INTERNATIONAL UNIVERSITY

IOWA STATE UNIVERSITY

N University of Nevada, Reno

About Us

Welcome

The ABC-UTC has assembled an experienced, knowledgeable, and engaged group of bridge academics and engineers who

Webinar

Concrete Filled Steel Tube Bridge Pier Connections – An ABC Solution

Highlights

2015 Highlights Report

The 2015 Highlights Report summarizes the ABC-UTC's work during 2015.

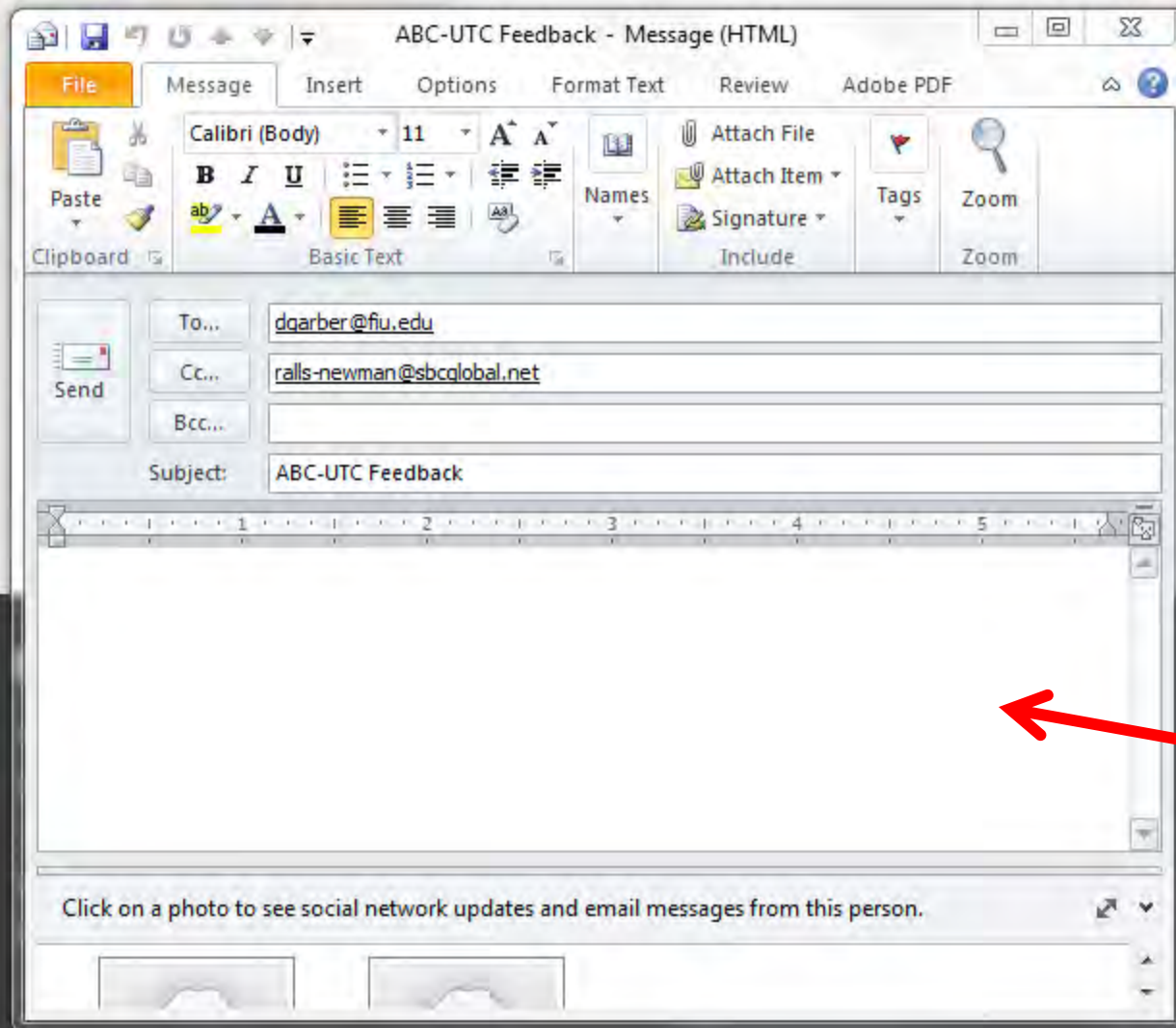
<http://abc-utc.fiu.edu/>



**ACCELERATED BRIDGE CONSTRUCTION (ABC)
UNIVERSITY TRANSPORTATION CENTER (UTC)
2015 HIGHLIGHTS**



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



FEEDBACK

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Next Webinar

Thursday, July 14, 2016 (1:00 – 2:00 p.m. Eastern)

Featured Presentation

Alabama's Bridge Slide over an Existing Culvert

by

Paul Froede, P.E., Miscellaneous Structures and Bridge Design Section Supervisor, Alabama Department of Transportation

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

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Featured Presentation (35 minutes)

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Question and Answer (15 minutes)

Please post your questions in the question box