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
2017 National Accelerated Bridge Construction Conference
December 7 and 8, 2017: Conference
December 6, 2017: Workshops
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
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/
ACCELERATED BRIDGE CONSTRUCTION (ABC)
UNIVERSITY TRANSPORTATION CENTER (UTC)
2015 HIGHLIGHTS

http://abc-utc.fiu.edu/
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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ABC Announcements (10 minutes)

Featured Presentation (35 minutes)

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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 (15 minutes)

Please post your questions in the question box