Welcome to Webinar on Accelerated Bridge Construction

Connecticut DOT’s Weekend Closure to Replace I-84 Bridges over Marion Avenue

Sponsored by

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

Website: abc-utc.fiu.edu
Email: abc@fiu.edu

October 29, 2015 – 1:00 p.m. to 2:00 p.m. Eastern
Today’s Webinar

ABC Announcements (10 minutes)
Featured Presentation (35 minutes)

Connecticut DOT’s Weekend Closure to Replace I-84 Bridges over Marion Avenue

Timothy D. Fields, P.E., Transportation Principal Engineer, ConnDOT; Mary E. Baker, P.E., Transp. Supervising Eng’r., ConnDOT; & Mohammed Bishtawi, P.E., Transp. Supervising Eng’r., ConnDOT

Question and Answer (15 minutes)

Please post your questions in the question box
Confirmed Keynote Speakers:

Congressman Mario Diaz-Balart
FHWA Administrator Gregory Nadeau
Hotel Reservations

We have added additional rooms to our room blocks at the Miami Hyatt Regency

www.2015abc.fiu.edu
Deadline for Online Registration

Friday, November 20, 2015

Visit www.2015abc.fiu.edu for online registration
2015
NATIONAL ACCELERATED BRIDGE
CONSTRUCTION CONFERENCE
December 7 and 8, 2015
Workshops December 6, 2015
Hyatt Regency, Miami, Florida

Visit
www.2015abc.fiu.edu
for details
ABC-UTC In-Depth Web Training

Milton-Madison Bridge Replacement: the Mega-Lateral Slide

November 10, 2015
11:00 a.m. to 3:00 p.m. Eastern

Six 40-minute modules
**ABC-UTC In-Depth Web Training**  
**Nov 10, 11:00 a.m. to 3:00 p.m. Eastern**

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<th>Module</th>
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<td>Introduction</td>
<td>Anne M. Rearick, P.E., Director of Bridges, Indiana DOT; &amp; Kevin Hetrick, P.E., Indiana Transportation Manager, Clark Dietz, Inc. – Engineers</td>
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<td>2</td>
<td>Preliminary Engineering &amp; Owner’s Consultant Oversight</td>
<td>Aaron Stover, P.E., S.E., Project Manager, Michael Baker International</td>
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<td>Design-Build Bidding, ABC, and Maintenance of Traffic</td>
<td>Travis Butz, P.E., Senior Bridge Engineer, Burgess &amp; Niple, Inc.</td>
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<td>Pier Rehabilitation Design and Construction</td>
<td>Travis Butz, P.E., Senior Bridge Engineer, Burgess &amp; Niple, Inc.</td>
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<td>Main Spans (Trusses) Design and Construction</td>
<td>Murray Johnson, P.E., Vice President, Project Director, Buckland &amp; Taylor</td>
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<td>Construction</td>
<td>Charlie Gannon, Project Manager, Walsh Construction</td>
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ABC-UTC In-Depth Web Training
Nov 10, 11:00 a.m. to 3:00 p.m. Eastern

Online Registration:
abc-utc.fiu.edu

Cost is $150 per site
for all six 40-minute modules
ABC-UTC In-Depth Web Training
Nov 10, 11:00 a.m. to 3:00 p.m. Eastern
Upcoming Events

PCI Convention and National Bridge Conference – Nashville, TN
March 1-5, 2016

Sponsored by Precast/Prestressed Concrete Institute (PCI)
http://www.pci.org/

Online registration opens early November 2015
Early bird registration ends February 1, 2016

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

For more information, contact William Nickas:
WNickas@pci.org
ABC Project Database

Technology Transfer: Project & Research Databases

Project Database (under construction)

Research Database (under construction)

The ABC-UTC is working in cooperation with FHWA, bridge owners, and other bridge professionals to accumulate available completed construction projects in which ABC technologies are used and research projects in which ABC technologies have been investigated. The Project Database has been expanded from its origin, the FHWA National ABC Project Exchange. The Research Database has been expanded from the TRB ABC Subcommittee's research tracking spreadsheet, Project Tracker.

Project Submission Process: Individuals with knowledge of completed ABC construction projects and upcoming, ongoing, and completed ABC research projects are encouraged to submit project details into the databases. A two-step submission process allows individuals to submit minimal first-step information for approval by bridge owners and the ABC-UTC Database Steering Subcommittee to ensure the projects are appropriate for the databases. Upon first-step approval, submitters will receive a link to complete uploading of project information. Upon second-step approval by bridge owners and the ABC-UTC Database Steering Subcommittee, the projects will be added to the databases.
ABC Project Database
(Available next week!)

Compilation of ABC solutions

Background
Development of accelerated bridge systems has been occurring across the country, many times in isolation. Although FHWA and others have worked to facilitate communication between these efforts, there as of yet does not exist a comprehensive resource to aid designers in selecting an appropriate system for a particular project.

Objective
The objective of the project is to compile information on existing accelerated bridge technologies and present the information in a manner useful to designers.

Scope
The compilation will include all bridge types constructed of any material, using accelerated bridge construction. The ABC-UTC steering committee has recommended that proprietary systems, composites and ultra-high performance concrete be avoided when possible. This advice will be considered during the development of any rankings or recommendations that may occur. However, such systems will not necessarily be omitted due to the presence of these features. Rather, an attempt will be made to present all of the alternatives and provide a neutral overview.
ABC Project Database
(Available next week!)

Training Videos
ABC Project Database
(Available next week!)

Updates/Comments/Assistance
Technology Transfer: Project & Research Databases

Project Database (under construction)

Research Database (under construction)

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ABC Project Database
(Available next week!)

Submit Project
ABC-UTC Mentoring Program

ABC-UTC Mentoring Program – A conduit for communication between students working on ABC-UTC research projects and industry representatives with interest and expertise in ABC

If you are interested in becoming an ABC-UTC Mentor, contact Dr. Brent Phares, ABC-UTC/ISU at: bphares@iastate.edu
Next Webinar

Monday, November 30, 2015 (1:00 – 2:00 p.m. Eastern)

Featured Presentation

Iowa County Bridge Constructed of K-UHPC

by

Brian Keierleber, P.E., County Engineer, Buchanan County, Iowa; Alex Davis, P.E., Assistant County Eng’r., Buchanan County, Iowa; and Hosin “David” Lee, Ph.D., P.E., Professor, University of Iowa

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