Welcome to Webinar on 
Accelerated Bridge Construction

Featured Presentation:
Field-Cast UHPC Connections in Full-Depth Precast Bridge Decks

Sponsored by

Center for Accelerated Bridge Construction
(ABC) Center at 
Florida International University

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

October 11, 2011 – 1:00 p.m. to 2:30 p.m. Eastern
Webinar Agenda

ABC Announcements (10 minutes)

Featured Presentation (35 minutes)

Field-Cast UHPC Connections in Full-Depth Precast Bridge Decks

Benjamin A. Graybeal, Ph.D., P.E., Structural Concrete Research Program Manager, Federal Highway Administration, Turner-Fairbank Highway Research Center

Question and Answer (45 minutes)

Please post your questions in the Chat Box
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<th>Date</th>
<th>Topic</th>
<th>Presenter</th>
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<td>Sept. 29</td>
<td>State-of-the-Art Full-Depth Precast Concrete Bridge Decks</td>
<td>Sameh Badie representing PCI &amp; Ben Graybeal, FHWA</td>
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<td>Oct. 11</td>
<td>Field-Cast UHPC Connections in Full-Depth Precast Bridge Decks</td>
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<td>Nov. 17</td>
<td>Full-Depth Prefabricated Bridge Deck Options for Durability and Cost</td>
<td>Bruce Johnson, Oregon DOT</td>
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If You Wish to receive One Hour PDH

Send an email to

abc@fiu.edu

State that you attended the October 11, 2011 webinar

Give first and last name of everyone at your site who wishes to receive PDHs

Please do not send request to any other email account
2012 FHWA Accelerated Bridge Construction Conference

Minneapolis, MN
Latter part of 2012

The last FHWA ABC Conferences were held in Orlando, Florida;
more than 700 attended

(www.fhwa.dot.gov/bridge/prefab/events.cfm)
Upcoming Events

SHRP2 / HfL / Iowa DOT ABC/PBES Showcase
October 28, 2011
Council Bluffs, Iowa

Prefabricated Elements
Abutting deck/beams
Straddle caps
Parapets
Approach slabs

Additional Features
UHPC deck closure joints
Self-compacting backfill

Registration
http://www.t2events.ce.ufl.edu/assnfe/ev.asp?ID=1467
Upcoming Events

NHI Innovations Webinar: Meeting the Implementation Challenges of Accelerated Bridge Construction on Interstate 93
October 20, 2011
To register:

Idaho DOT / FHWA
Deck Panel Workshop
November 16, 2011
Upcoming Industry Events

Design-Build Conference and Expo, Orlando
October 19-21, 2011
Sponsored by the Design-Build Institute of America:
http://www.dbia.org/conferences/expo/

PCI National Bridge Conference, Salt Lake City
October 22-26, 2011 (Committee meetings earlier in week)
http://pciconvention.org/2011/
• ABC Sessions, Parts 1 & 2 – Monday, October 24
• Evaluation of Connections Session – Tuesday, October 25

2012 Structures Congress, Chicago
March 29-31, 2012
Sponsored by Structural Engineers Institute (SEI) of ASCE:
http://content.asce.org/conferences/structures2012/
• ABC's of Rapid Construction Session – Thursday, March 29
What is ABC?

ABC is a paradigm shift in the project planning and procurement approach where the need to minimize mobility impacts which occur due to onsite construction activities are elevated to a higher priority.

Intrinsic benefits of the ABC approach include improvements in:

- Safety
- Quality
- Durability

http://www.fhwa.dot.gov/bridge/abc
Case Studies of completed ABC/PBES projects are being developed

If you have a candidate project that you would like FHWA to consider, contact:
Mary Lou Ralls, P.E.
Email: ralls-newman@sbcglobal.net
Phone: 512-422-9080

Reference materials: contract plans, specifications, bid tabs, construction schedule, articles, etc.
FHWA ABC Website
http://www.fhwa.dot.gov/bridge/abc
Industry Resources

For calendar of upcoming concrete and bridge events, see:
http://www.nationalconcretebridge.org/calendar.html

For resources related to steel bridges, visit:
http://www.steelbridges.org
Next Webinar

Thursday, November 17, 2011 (1:00 – 2:00 p.m. Eastern)

Featured Presentation

Full-Depth Prefabricated Bridge Deck Options for Durability and Cost

by Bruce Johnson, Oregon DOT & Chair, AASHTO Technical Committee for Bridge Preservation

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