

Welcome to Webinar on Accelerated Bridge Construction

Detailing of ABC Bridges for Simplicity and Durability

Sponsored by

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

Florida International University



Website: abc-utc.fiu.edu

Email: abc@fiu.edu

January 22, 2015 – 1:00 p.m. to 2:00 p.m. Eastern

Today's Webinar

ABC Announcements (10 minutes)

Featured Presentation (35 minutes)

Detailing of ABC Bridges for Simplicity and Durability

**Michael P. Culmo, P.E.,
Vice President of Transportation and Structures,
CME Associates, Inc., East Hartford, CT**

Question and Answer (15 minutes)

Please post your questions in the chat box



2015 National Accelerated Bridge Construction Conference

December 7-8, 2015

Sunday, December 6 – Pre-Conference Workshops

Hyatt Regency, Miami, Florida

www.2015abc.fiu.edu

Conference Co-Sponsors To Date

Federal Highway Administration

Alaska DOT&PF

Arizona DOT

California DOT

Colorado DOT

Delaware DOT

Florida DOT

Georgia DOT

Illinois DOT

Iowa DOT

Louisiana DOTD

Michigan DOT

Minnesota DOT

Nebraska DOR

New Jersey DOT

New York State DOT

Oregon DOT

Pennsylvania DOT

South Dakota DOT

Tennessee DOT

Texas DOT

Utah DOT

Vermont Agency of Transp.

Virginia DOT

Washington State DOT

Wisconsin DOT

National Concrete Bridge Council

National Steel Bridge Alliance

To co-sponsor, send email to Atorod at: aazizina@fiu.edu

2015 Abstract Submission Process

- 1-page abstract deadline: April 30
- Authors will be notified by May 22
- Options for selected abstracts:
 - Extended Abstract – minimum 3 pages
 - Full Paper – maximum 10 pages
- Will be included in peer-reviewed proceedings
- Submit abstracts online at:

www.2015abc.fiu.edu

ABC Conference Topics

Design considerations	Substructure	Short- and long-term monitoring
Seismic issues	Foundations	Nondestructive testing
Service life	Innovative materials	Maintenance
Accelerating retrofiting processes	International experiences	Inspection
Construction considerations	Research results	State ABC initiatives
Fabrication considerations	Lessons learned	Contracting
Erection considerations	Cost comparison	Policy, planning, and procurement
Constructability	Insurance issues	Specifications
Heavy moves	Analysis software	Budget and financing
Traffic management	Visualization tools	Public outreach
Prefabricated bridge elements and systems	Decision-making tools	Proprietary systems and technologies

Travel Scholarships

- Travel scholarships will be available for bridge owners
- First priority will be given to State DOT bridge engineers who are presenting authors
- Send email to Dr. Aziznamini if you are a bridge owner and would like to receive a travel scholarship:

aazizina@fiu.edu

ABC Conference Awards

- ABC Award Categories:
 - **Best ABC Projects**
 - **Most Influential Person**
- 2015 nominations must be completed on template, to be available online
- More information will be available on Conference website, as developed

www.2015abc.fiu.edu

Conference Registration

- Conference and workshop registration will be online. More information will be provided later.

Conference Exhibits

Options for exhibitors to reserve booths

- Send email to Mrs. Saremi:

msare001@fiu.edu

- Register on Conference website:

www.2015abc.fiu.edu

Hotel Reservations

A block of rooms at the Miami Hyatt Regency, at a special Conference rate, is now available



www.2015abc.fiu.edu

SHRP2 Implementation Assistance Program – Round 5

Performance Specifications for Rapid Renewal (R07)

Performance-based specifications that promote innovation and accelerate project delivery

Assistance available at three participation levels:

- Proof of concept pilots
- Lead adopter incentives
- User incentives

For more information:

http://www.fhwa.dot.gov/goshrp2/Solutions/Renewal/R07/Performance_Specifications_for_Rapid_Renewal

SHRP2 (R04) Solutions

Gila River Indian Community DOT Showcase & Anticipated Bridge Move

Sacaton Rd. (Rt. 7) Bridge over Gila River – Sacaton, AZ

Date: Tuesday, February 24, 2015 – 8:00 am to 4:00 pm

Showcase Location: Holiday Inn – Chandler, AZ

**To register (no fee), email the following information by
February 17:**

- Name & Title
- Agency Name
- Phone #
- Email Address

to: ttraining@azdot.gov

Upcoming Events

2015 AASHTO Subcommittee on Bridges and Structures Annual Meeting – Saratoga Springs, NY

April 19-23, 2015

Sponsored by American Association of State Highway &
Transportation Officials (AASHTO)

Technical Committee for Construction (T-4)

- Focal point for ABC within SCOBS

Meeting website:

<http://bridgemeeting2015.org>

2015 ASCE/SEI Structures Congress

April 23-25, 2015 – Portland, OR

(<http://structurescongress.org/>)

Session 19: Accelerated Bridge Construction

Track: Bridge Research Topics

Date: Friday, April 24, 2015

Time: 3:30 - 5:00 pm

Moderator: Atorod Azizinamini

Accelerated Bridge Construction of Column to Pile-Shaft Connections in Moderate and High Seismic Zones – ABC-UTC/UNR

Extending Accelerated Bridge Construction Practices to Bridge Rehabilitation – ABC-UTC/ISU

Innovative Steel Bridge Systems for ABC Applications – ABC-UTC/FIU

Analysis and Monitoring of Southington I-84 Bridges during Accelerated Bridge Construction – Streere Engineering Inc.

Available Resources for Consultants to Utilize ABC – ABC-UTC

Upcoming Events

2015 Western Bridge Engineers' Seminar – Reno, NV

September 9-11, 2015

Sponsored by FHWA & the Transportation Departments of Alaska, Arizona, California, Idaho, Nevada, Oregon and Washington

Call for Presentation Abstracts Deadline: April 24

<http://www.westernbridge.net>

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 receive an automatic email with link to print individual certificate

**Please visit
abc-utc.fiu.edu**

**for other ABC-related news and
events**

Next Webinar

Thursday, February 19, 2015 (1:00 – 2:00 p.m. Eastern)

Featured Presentation

PBES for Local Systems – Iowa's Perspective, Experience & Research

by

**Ahmad Abu-Hawash, P.E., Chief Structural
Engineer, Iowa DOT; Vanessa Goetz, P.E.,
Secondary Road Research Engineer, Iowa DOT; &
Brent Phares, Ph.D., P.E., ISU & ABC-UTC**

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