

**Welcome to Webinar on**  
**Accelerated Bridge Construction**

**Modular Decked Steel Folded-Plate Beams**  
**for ABC Applications**

**Sponsored by**

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



**Website: [abc.fiu.edu](http://abc.fiu.edu)**

**Email: [abc@fiu.edu](mailto:abc@fiu.edu)**

**Jan 23, 2014 – 1:00 p.m. to 2:00 p.m. Eastern**

# Webinar Agenda

**ABC Announcements** (10 minutes)

**Featured Presentation** (35 minutes)

## **Modular Decked Steel Folded-Plate Beams for ABC Applications**

**Maury Tayarani, P.E., Bridge Project Manager, Highway  
Division, MassDOT**

**Question and Answer** (15 minutes)

**Please post your questions in the chat box**

# **CALL FOR ABSTRACTS**

**Deadline: March 31**

## **2014 National Accelerated Bridge Construction Conference**



**December 4-5, 2014**

**December 3 - workshops**

**Miami, Florida**

# **Co-Sponsoring Agencies**

**Federal Highway Administration**

**Alaska Department of Transportation & Public Facilities**

**California Department of Transportation**

**Colorado Department of Transportation**

**Delaware Department of Transportation**

**Florida Department of Transportation**

**Georgia Department of Transportation**

**Iowa Department of Transportation**

**Louisiana Department of Transportation and Development**

**Minnesota Department of Transportation**

**Nebraska Department of Roads**

**New Jersey Department of Transportation**

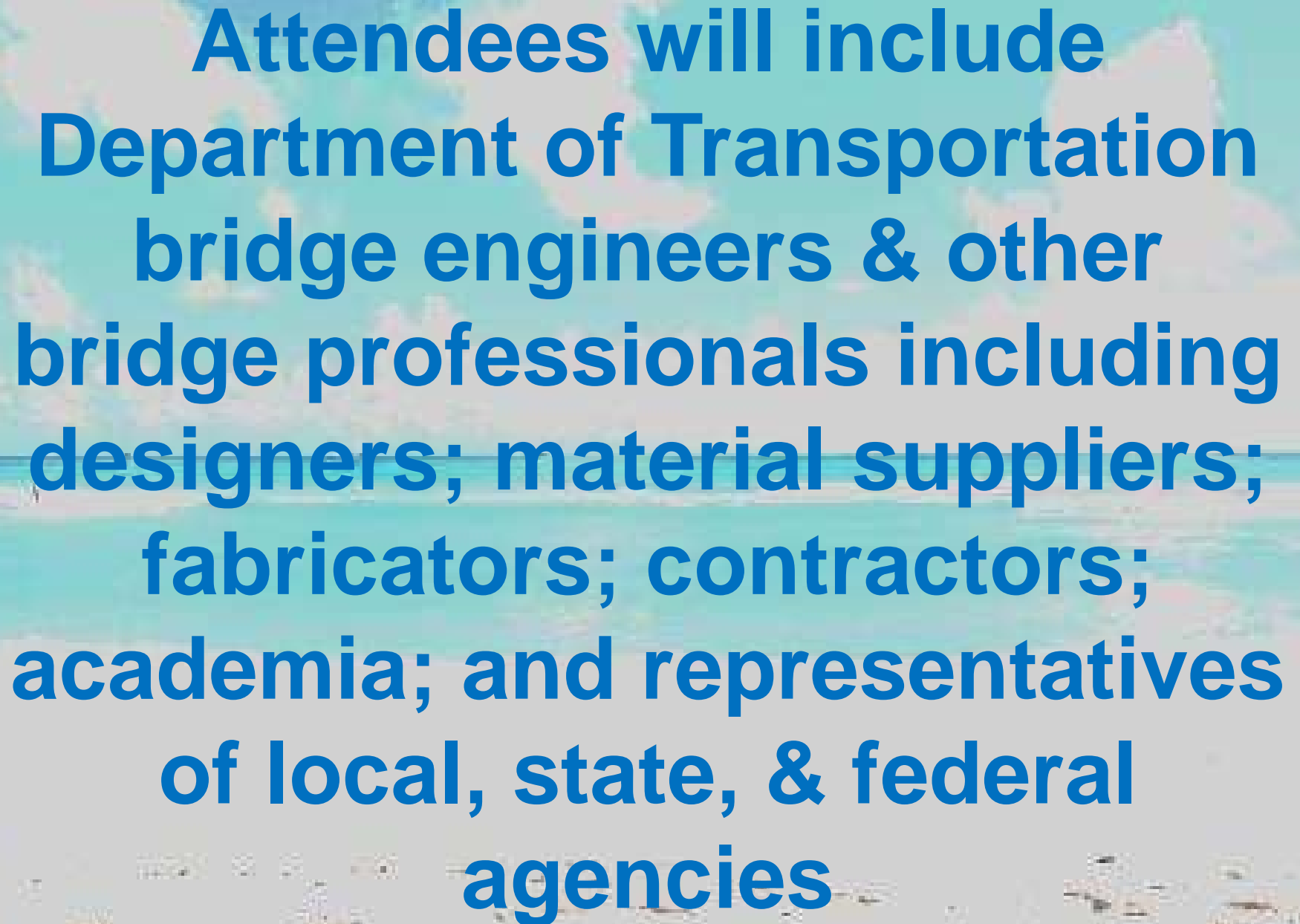
**Oregon Department of Transportation**

**Texas Department of Transportation**

**Utah Department of Transportation**

**Vermont Agency of Transportation**

**Washington State Department of Transportation**



**Attendees will include  
Department of Transportation  
bridge engineers & other  
bridge professionals including  
designers; material suppliers;  
fabricators; contractors;  
academia; and representatives  
of local, state, & federal  
agencies**

# ABC Conference Topics

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

# **Call for Abstract**

**You are invited to submit an abstract of a formal paper to be considered for presentation at the conference**

**Abstracts are welcome from bridge owners with state, local (city & county), regional, & federal agencies; non-profit organizations representing various industries; consultants; material suppliers; fabricators; contractors; and university researchers**

**One-page abstract must be submitted  
by March 31, 2014**

**Authors will be notified of status of abstracts  
by April 28, 2014**

**Travel Scholarships will be developed to assist  
DOT employees to attend the conference**

- **Ed Power – Vice President, HDR**
- **Carlos Duart – President, CDR Maguire**

**Opportunities exist to exhibit during Conference**

**Send your abstracts by March 31, 2014 to:  
[aazizina@fiu.edu](mailto:aazizina@fiu.edu)**



# **Call for Abstracts**

## **2014 National Accelerated Bridge Construction Conference**

**Email to : [aazizina@fiu.edu](mailto:aazizina@fiu.edu)**

**One-page abstract to include:**

- **Title**
- **Name of authors**
- **Presenting author**
- **Affiliation**
- **Address**
- **Email address**
- **Phone number**

# Upcoming 2014 Events

**2014 PCI National Bridge Conference – Washington, DC**

September 6-9, 2014

Sponsored by Precast/Prestressed Concrete Institute (PCI)

<http://www.pci.org>

**Call for Papers and Student Posters**

Deadline for Abstract submission: January 24, 2014

Submit 200-word maximum abstract:

<https://www.softconf.com/f/PCI2014/>

**For more information:**

[http://www.pci.org/News\\_And\\_Events/PCI\\_Convention/Call\\_for\\_Papers/](http://www.pci.org/News_And_Events/PCI_Convention/Call_for_Papers/)

# FHWA/CDOT Presents



- Webinar Training on “Slide In Bridge Construction (SIBC) from the Engineer/Designer Perspective”
  - **Tuesday, January 28, 2014 (10:00-11:00am Mountain Time)**
  - Moderator: Kevin Thompson, URS Corporation
  - Main Presenter: James Nelson, P.E., Transportation Engineer Manager, Office of Bridges and Structures, Iowa Department of Transportation
  - A Q&A panel will be available to respond to questions
- Register on-line at [www.slideinbridgeconstruction.com](http://www.slideinbridgeconstruction.com)
- Future SIBC webinars planned
  - Contractor/Constructor Perspective: February 2014
  - Owner/Policy Maker Perspective: March 2014
- For more information, contact [sibc@urs.com](mailto:sibc@urs.com)

**TARGET AUDIENCE:**  
*Bridge design engineers, including state or local highway agency employees, engineer of record, and/or consulting engineers, and other personnel who typically have the responsibility for designing a bridge.*

**Please visit  
[abc.fiu.edu](http://abc.fiu.edu)**

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

# Next Webinar

Thursday, February 27, 2014 (1:00 – 2:00 p.m. Eastern)

## Featured Presentation

# SHRP2 Solutions – R02 Geotechnical Tools for Accelerated Bridge Construction Projects

by

**Vernon Schaefer, Professor,  
Iowa State University**

**Silas Nichols, P.E., Principal Bridge Engineer,  
Federal Highway Administration**

To register, visit: [www.abc.fiu.edu](http://www.abc.fiu.edu)

# If you wish to receive one-hour PDH

Send an email to

**abc@fiu.edu**

State that you attended the January 23, 2014 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

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