

**Welcome to Webinar on  
Accelerated Bridge Construction**

**Ontario's Rapid Installation of  
Single-Span Bridges**

**Sponsored by**

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

**Florida International University**



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

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

**May 19, 2016 – 1:00 p.m. to 2:00 p.m. Eastern**

# Today's Webinar

**ABC Announcements** (10 minutes)

**Featured Presentation** (35 minutes)


## Ontario's Rapid Installation of Single-Span Bridges

**Dina Miron, P.E.**, Head, Structural Section, Ministry of Transportation, Ontario, Eastern Region; and

**Michel Vachon, P.E.**, Manager, Bridge Engineering, Ottawa, Ontario MMM Group Limited, a WSP Company

**Question and Answer** (15 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

**Call for Abstracts will be issued soon**  
**Next Conference:**

**December 6-8, 2017, Miami, FL**

Visit

**[www.abc-utc.fiu.edu](http://www.abc-utc.fiu.edu)**

**for updates**



# Call for Award Nominations

## **2016 Design-Build Project / Team Awards**

Sponsored by the Design-Build Institute of America

<http://www.dbia.org>

- Completed and opened after March 31, 2013
- Completed under a single point of responsibility contract
- Completed on or ahead of schedule
- Completed within budget & with no claims or litigation
- Project met or exceeded owner expectations

**Submission Deadline:** May 27, 2016

[http://www.dbia.org/awards/Documents/2016\\_award\\_criteria.pdf](http://www.dbia.org/awards/Documents/2016_award_criteria.pdf)

# Call for Abstracts / Session Proposals

**2017 Structures Congress – Denver, CO**

April 6-8, 2017

Sponsored by ASCE/Structural Engineering Institute (SEI)

<http://www.asce.org/structural-engineering/structural-engineering-institute/>

**Call for Abstracts and Session Proposals**

**Deadline:** June 2, 2016

Suggested Topics include ABC

<http://www.structurescongress.org/call-for-proposals/>

# Call for Award Nominations

## **2016 Concrete Bridge Awards Competition**

Projects completed between Oct. 2014 and Sept. 2015

Sponsored by Portland Cement Association (PCA) and  
*Roads & Bridges* magazine

<http://www.cement.org/>

**Submission Deadline:** June 30, 2016

<http://www.cement.org/think-harder-concrete-/buildings-structures/2016-concrete-bridge-awards-competition>

For more information, contact:

**Alpa Swinger, [aswinger@cement.org](mailto:aswinger@cement.org)**



# Call for Funding Proposals

## **TRB's Innovations Deserving Exploratory Analysis (IDEA) Program**

Projects that foster innovative concepts for highway systems

Sponsored by Transportation Research Board (TRB)

<http://www.trb.org>

**Submission Deadline:** September 1, 2016

<http://www.trb.org/IDEAProgram/IDEAProgram.aspx>

# Past IDEA Project

Hybrid-Composite Beam, developed by John Hillman  
with funding and technical support from TRB's IDEA Program



ASCE's 2013 Charles Pankow Award for Innovation



# Upcoming Events

## **2016 Design-Build Conference & Expo – Las Vegas, NV**

November 2-4, 2016

Sponsored by Design-Build Institute of America

<http://www.dbia.org/Conferences/expo/>

**Owner Scholarship Application Deadline: Aug. 31, 2016**

Apply online:

<http://www.dbia.org/Conferences/expo/Pages/Annual-Owner-Scholarship.aspx>

**Early bird registration deadline: September 19, 2016**

For more information, contact Allison Leisner at:

[aleisner@dbia.org](mailto:aleisner@dbia.org)

# ABC Project Database

→ <http://www.abc-utc.fiu.edu>



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University of Nevada, Reno

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SEARCH

## UPCOMING EVENTS

May 19, 2016

Ontario's Rapid  
Installation of  
Single-Span Bridges

June 2, 2016

Call for Abstracts  
and Session  
Proposals -  
Submission  
Deadline - ASCE/SEI  
Structural Concrete



# ABC Project Database

<http://www.abc-utc.fiu.edu>



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- Project & Research Databases**
- In-Depth Web Training Archive

## Project & Research Databases

### Project Database

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*.

A user guide was developed to familiarize users with the database ([Project Database – User Guide](#)). Any additional questions on the database can be directed to David Garber ([dgarber@fiu.edu](mailto:dgarber@fiu.edu)).



[ABC Project Database](#)

#### Project Submission Process:

Individuals with knowledge of completed ABC construction projects and upcoming, ongoing, and

Search ...

SEARCH

#### UPCOMING EVENTS

May 19, 2016  
**Ontario's Rapid Installation of Single-Span Bridges**

June 2, 2016  
**Call for Abstracts and Session Proposals - Submission Deadline - ASCE/SEI Structures Congress**



# ABC Project Database Submission Process

→ <http://utcdb.fiu.edu>



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ABC Project Database

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List all projects

Click on pin icons to view bridge details:



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Submit Research  
Updates/Comments/Assistance  
Training Videos  
Overview  
Navigation  
Searching Projects  
Keywords  
Project Summary Sheets  
Downloadable Database  
Key Search Words

## Recommend a Project

Complete the Following Steps: 1

The information that will be required for full submission can be found in the below MS Word Template. The majority of this information will be gathered in the second stage of the submission process, but this Template can be used to aid in the submission process.

MS Word Template for Submission

### Submitters Information:

First Name

Last Name

Title

Position:

Organization

Email:

Phone

**Your Relationship to ABC Project:**

**Your Relationship to ABC Project:**

e.g. Bridge Owner, Bridge Designer, etc.

**Owner Information:**

Same as submitter's information.

First Name

First Name

Last Name

Last Name

Title

Title (e.g. PE, PhD, etc)

Position:

Position

Owner Organization

Owner Organization

Email:

Owner's Email

Phone

Owner's Phone

**Project Information**

Project Name

Project Name

Year ABC Completed

2015

County:

County

State:

Alabama

Country:

USA



**Year ABC Completed**

2015

**County:**

County

**State:**

Alabama

**Country:**

USA

State ID #

State ID #

NBI #

National Bridge Index #

Location Description:

e.g. road designation, name of river crossing, near by tow or city, etc.

Coordinates

Latitude

Longitude

Brief Project Summary:

In 500 words or less, describe why this project should be added to the database

I agree that the information provided above is accurate to the best of my knowledge. By submitting this information I give the ABC-UTC the rights to publish the data online and in the ABC-UTC database. The ABC-UTC reserves the right to alter information prior to publication.

Agree

**Submit**

# Process for Issuing Certificates of Attendance

- Process is automated
- Any site registered for this webinar will receive a notification email for your response
- Click the first 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 then receive an automatic email with link to print individual certificate
- New process allows participants to print certificates for past webinars that were attended

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Click on the name of the certificate you'd like to download. If you need to add users to a webinar click on 'Attendees'

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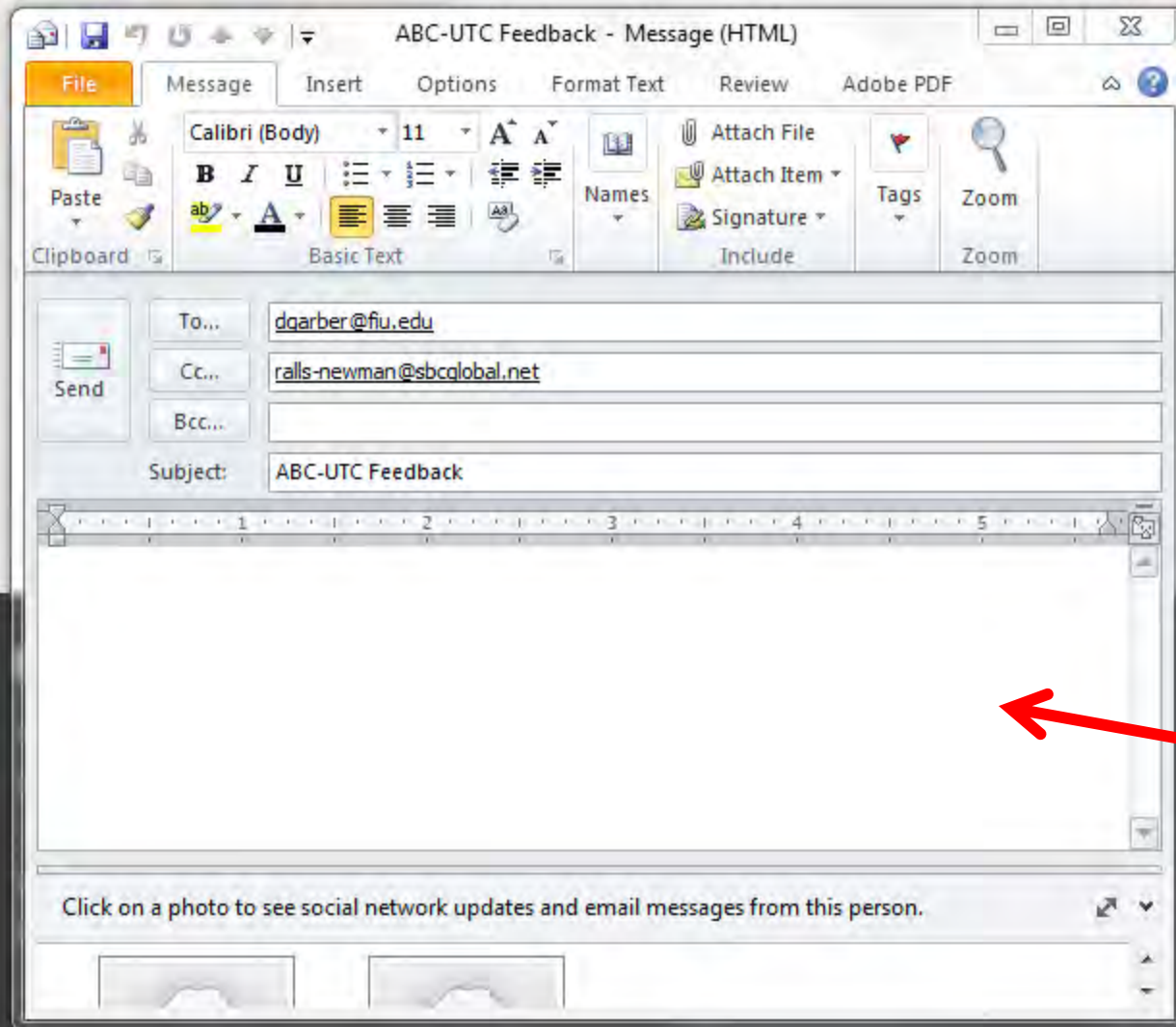
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**FEEDBACK**

**Click Here to Give Feedback**

**Add Name to ABC-UTC Email List**

# Next Webinar

Thursday, June 16, 2016 (1:00 – 2:00 p.m. Eastern)

## Featured Presentation

# Concrete Filled Steel Tube Bridge Pier Connections – An ABC Solution

by

**Bijan Khaleghi, Ph.D., P.E., S.E.**, State Bridge Design Engineer, WSDOT; **Dawn Lehman, Ph.D.**, Professor, University of Washington; and **Charles Roeder, Ph.D., P.E.**, University of Washington

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

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