

Welcome to Webinar on Accelerated Bridge Construction

From HCB to ABC – The Knickerbocker Bridge in Boothbay, Maine

Sponsored by

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



Website: abc-utc.fiu.edu

Email: abc@fiu.edu

December 29, 2016 – 1:00 p.m. to 2:00 p.m. Eastern

Today's Webinar

ABC Announcements

(10 minutes)

Featured Presentation

(35 minutes)

From HCB to ABC – The Knickerbocker Bridge in Boothbay, Maine

Wayne Frankhauser, Jr., P.E., Bridge Program Manager, Maine DOT; and **John Hillman, P.E., S.E.**, President & CEO of HCB, Inc., and Director of Bridge Technology for Parsons

Question and Answer

(15 minutes)

Please post your questions in the question box

University Transportation Centers



**Tier 1 University Transportation Center
Accelerated Bridge Construction
2016-2021**



Florida International University- Lead
University of Nevada-Reno
Iowa State University
University of Washington
University of Oklahoma


Mark Your Calendar

2017 National Accelerated Bridge Construction Conference

December 7 and 8, 2017: Conference

December 6: Workshops


Miami, FL



**Deadline to submit Abstracts:
January 20, 2017**

Submit your abstract online

Visit: www.abc-utc.fiu.edu



**This Conference is approved
Continuing Educational Credit
by**

Florida and New York

**Boards of Professional
Engineers**

- **You can now reserve your hotel room, at the special Conference rate, by visiting the website**
- **Website is now activated for you to reserve your exhibit booth and see who is exhibiting**
- **Travel scholarship fund is being developed to assist bridge owners attend the Conference**
- **Please visit website to contribute to development of travel scholarships**

Visit www.abc-utc.fiu.edu for more information

- **Conference will recognize Best ABC Projects in several categories**
- **Conference will recognize the ABC Person of the Year**
- **Call for Award Nominations will start in January 2017**

Visit

www.abc-utc.fiu.edu

for more information

Upcoming ABC-Related Activities at TRB Annual Meeting

January 8-12, 2017 – Washington, DC

Workshop 123: Latest Accelerated Bridge Construction Innovations from ABC-UTC Research

*Sponsored by TRB Structures Section and Construction Section;
co-sponsored by ABC Joint Subcommittee*

Sunday, 9:00 am - 12:00 pm, January 8, 2017

- Estimating Total Cost of Bridge Construction Using ABC and Conventional Methods of Construction
- ABC Project and Research Databases
- ABC Closure Joint Alternatives Considering Durability and Service Life
- Integral Abutment Details for ABC Projects
- Prefabricated Concrete Barrier Elements for ABC Projects
- ABC-UTC Seismic Performance Studies of Precast Bridges from Connections to Components to Bridge Systems at UNR

Upcoming ABC-Related Activities at TRB Annual Meeting

January 8-12, 2017 – Washington, DC

Workshop 171: Seismic Design and Accelerated Bridge Construction

Sponsored by Committee on Seismic Design and Performance of Bridges, Structures Section, and Construction Section; co-sponsored by ABC Joint Subcommittee

Sunday, 1:30 - 4:30 pm, January 8, 2017

- Connections for Accelerated Bridge Construction of Jointless Bridges in Seismic Regions
- Self Centering Precast, Prestressed Bridge Columns
- ABC Connections
- Seismic Design for ABC

Upcoming ABC-Related Activities at TRB Annual Meeting

January 8-12, 2017 – Washington, DC

Meeting: Accelerated Bridge Construction Joint Subcommittee, AFF00(2)

*Sponsored by Structures Section (AFF00) and Construction Section
(AFH00)*

Chair: Ben Beerman, FHWA

Wednesday, January 11, 10:15 am - 12:00 pm

ABC-UTC Graduate Student Seminar

Friday, January 27, 2017 (1-2 pm Eastern)

Estimating the Total Cost of Accelerated Bridge Construction

Estimating the Construction Cost Associated with Accelerated Bridge Construction

by

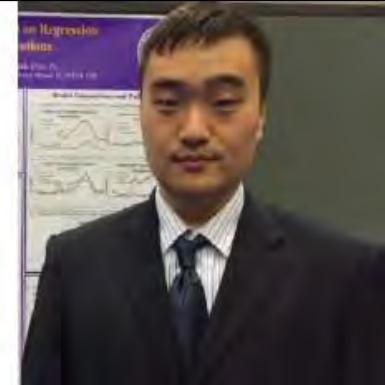
Mohamed Ibrahim, Ph.D.
FIU Graduate and former ABC-UTC Research Assistant
Managing Director, Equicorp Advisors, Cairo, Egypt
(Ph.D., August 2016)



Estimating and Implementing Road User Costs in ABC Selection Decisions

by

Jianmin Jia, Ph. D. Candidate
FIU Graduate Assistant
Lehman Center for Transportation Research (LCTR)
(Ph.D., May 2017)



Register at <http://abc-utc.fiu.edu/>

Upcoming Events

2017 New York City Bridge Conference – NYC, NY

August 21-22, 2017

Sponsored by the Bridge Engineering Association

<http://www.bridgeengineer.org>

Preliminary Sessions include *Innovative Bridge Technology*

Call for Paper Abstracts:

Deadline for submission: January 23, 2017

Email your 300-word-max abstract to:

info@bridgeengineer.org

For more information, contact:

Khaled Mahmoud

kmahmoud@bridgeengineer.org

Upcoming Events

2017 Western Bridge Engineers' Seminar – Portland, OR

September 6-8, 2017

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

<http://www.westernbridge.net>

Suggested topics include *Accelerated Bridge Construction*

Call for Presentation Abstracts:

Deadline for submission: March 23, 2017

Submit your 500-word-max abstract online at:

<https://www.eiseverywhere.com/esurvey/index.php?surveyid=42805>

For more information, email: wbes@wsu.edu

Upcoming Events

2018 PCI Convention and National Bridge Conference – Denver, CO

February 20-24, 2018

Sponsored by Precast/Prestressed Concrete Institute (PCI)

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

Abstract Submission Deadline: April 15, 2017

[http://www.pci.org/News_And_Events/PCI_Convention/
Call_for_Papers/](http://www.pci.org/News_And_Events/PCI_Convention/Call_for_Papers/)

ABC-UTC Website Home Page

(www.abc-utc.fiu.edu)



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UPCOMING EVENTS

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January 8, 2017 – January
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Washington, DC

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January 13, 2017

[Call for Award Nominations - Submission Deadline - 34th Annual International Bridge Conference - National Harbor MD](#)



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January 13, 2017

[Call for Award](#)

Next Webinar

Thursday, January 19, 2017 (1:00 – 2:00 p.m. Eastern)

Featured Presentation

ABC Rehabilitation of Historic Franklin Avenue Bridge

by

Nancy Daubenberger, P.E., Division Director, Engineering Services, Minnesota DOT; **Bala Sivakumar, P.E.**, Lead Designer (ABC), HNTB; and **Travis Konda, Ph.D., P.E.**, Construction Engineer, HNTB

To register, visit: www.abc-utc.fiu.edu

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