

**Welcome to Webinar on
Accelerated Bridge Construction**

**West Virginia's Basnetville Bridge
Lateral Slide**

Sponsored by

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



Website: abc-utc.fiu.edu

Email: abc@fiu.edu

November 17, 2016 – 1:00 p.m. to 2:00 p.m. Eastern

Today's Webinar

ABC Announcements (10 minutes)

Featured Presentation (35 minutes)

West Virginia's Basnetville Bridge Lateral Slide

Steven Jarrell, Bridge Project Manager, West Virginia DOT;
Jeffrey Gola, P.E., Project Manager, Thrasher Engineering;
and **Jason Nelson, P.E.**, District 4 Construction Engineer,
West Virginia DOT

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: Workshops

Miami, FL



Abstract submission is open
Submit your abstract online

Visit: www.abc-utc.fiu.edu

Submission Deadline: January 20, 2017

2017 National ABC Conference Co-Sponsors

Federal Highway Administration

New Hampshire Department of Transportation

Alabama Department of Transportation

New Jersey Department of Transportation

Alaska Department of Transportation and Public Facilities

New York State Department of Transportation

Colorado Department of Transportation

Oregon Department of Transportation

Connecticut Department of Transportation

Pennsylvania Department of Transportation

Delaware Department of Transportation

South Dakota Department of Transportation

Florida Department of Transportation

Tennessee Department of Transportation

Georgia Department of Transportation

Texas Department of Transportation

Illinois Department of Transportation

Utah Department of Transportation

Iowa Department of Transportation

Vermont Agency of Transportation

Louisiana Department of Transportation and Development

Virginia Department of Transportation

Maine Department of Transportation

Washington State Department of Transportation

Michigan Department of Transportation

West Virginia Department of Transportation


Minnesota Department of Transportation

Wisconsin Department of Transportation

Missouri Department of Transportation

Wyoming Department of Transportation

Nebraska Department of Roads



**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

Workshop 127: Performance of Accelerated Concrete: Practical Applications and How They are Working, Part 1

Sponsored by Committees on Durability of Concrete; Construction of Bridges and Structures; Concrete Pavement Construction and Rehabilitation; Basic Research and Emerging Technologies Related to Concrete; Properties of Concrete; Concrete Materials and Placement Techniques

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

- What Transportation Agencies are Facing with Accel. Const.
- Quantifying Combined Effects of Curing, Cracking & Chloride Ingress in Accelerated Concrete Mixtures
- Rapid Concrete Pavement Repairs at Mnroad Test Facility
- Accelerated Repair of Airfield PCC Pavements using Rapid-Setting Concretes & Precast Slabs
- Performance Of Accelerated Concrete Closure Placements for Precast Concrete Pavement Repairs

Upcoming ABC-Related Activities at TRB Annual Meeting

Workshop 175: Performance of Accelerated Concrete: Practical Applications and How They are Working, Part 2

Sponsored by Committees on Durability of Concrete; Construction of Bridges and Structures; Concrete Pavement Construction and Rehabilitation; Basic Research and Emerging Technologies Related to Concrete; Properties of Concrete; Concrete Materials and Placement Techniques

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

- Rapid Concrete Bridge Deck Overlays in Virginia
- Field Trials of Rapid Setting Repair Materials of Bridge Decks in Indiana
- FHWA / Owner / Producer / Contractor / Researcher:
Perspectives On Accelerated Concrete Construction and CIP Accelerated Concrete Durability
- Durability of Accelerated PCC Materials
- Economic Considerations for Accel. Concrete Repair Projects

Upcoming ABC-Related Activities at TRB Annual Meeting

January 8-12, 2017 – Washington, DC

**Meeting: Transportation Programming and Investment
Decision-Making Committee (ADA50)**

Monday, 1:30 - 5:30 pm, January 9

- **Presentation:** *Social Return on Investment as a Metric to Prioritize Use of Accelerated Bridge Construction in Rural Regions*, by ISU & ARA

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

Upcoming Events

2017 PCI Convention and National Bridge Conference – Cleveland, OH

February 28 – March 4, 2017

Sponsored by Precast/Prestressed Concrete Institute (PCI)

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

Saturday, March 4:

Session NBC8, Accelerated Bridge Construction

Early bird registration deadline: January 19, 2017

For more information, contact William Nickas:

WNickas@pci.org

Upcoming Events

Structures Congress 2017 – Denver, CO

April 6-8, 2017

Sponsored by Structural Engineering Institute of the American Society of Civil Engineers (ASCE/SEI)

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

Thursday, April 6:

Session 70, Connection Challenges Including Seismic Loading in Accelerated Bridge Construction

Friday, April 7:

Session 122, Innovative Solutions using UHPC

Saturday, April 8:

Session 55, Reuse of Bridge Foundation: Technical Challenges and Developments

Early bird registration deadline: February 15, 2017



NSBA Announcements

Webinar on AASHTO 8th Edition Updates

Date: First Quarter 2017

Outlines changes to the 8th edition of AASHTO.

- Focus on the 10 to 15 most important changes.

Stay up to date by subscribing to the NSBA Newsletter at:
www.steelbridges.org/nsbanewsletter



Call for Award Nominations

2017 NSPE Honor Awards

NSPE Honor Awards promote the professional engineer's contributions to society and recognize the achievements of the profession's very best.

Sponsored by National Society of Professional Engineers

<http://www.nspe.org/membership/about-nspe/awards/nspe-awards>

Award Categories:

- NSPE Award
- Young Engineer of the Year Award
- Distinguished Service Award

Submission Deadline: January 31, 2017

Call for Presentations

2017 Professional Engineers Conference – Atlanta, GA
July 19 - 23, 2017

Sponsored by National Society of Professional Engineers
(NSPE)

<https://www.nspe.org/resources/pe-conference/call-presentations>

Conference Theme: *Focusing the Future*

Call for Presentations Deadline: January 17, 2017

Call for Presentations

ASCE 2017 Convention – New Orleans, LA

October 8-11, 2017

Sponsored by American Society of Civil Engineers (ASCE)

<http://2017.asceconvention.org/call-presentations/>

Invited Topic Areas / Sub-topics include:

- Multidisciplinary Technical / Infrastructure
- Significant Projects / intended to cover mega projects and multidisciplinary views on the feasibility, planning, design, construction, costs, public process, value, innovation, environmental, sustainability, and resiliency of the project discussed

Call for Presentations Deadline: January 25, 2017

ABC-UTC Website Home Page

(www.abc-utc.fiu.edu)



ACCELERATED BRIDGE CONSTRUCTION
UNIVERSITY TRANSPORTATION CENTER



[Home](#)

[About Us](#)

[Research Projects](#)

[Education](#)

[Technology Transfer](#)

[Resources](#)

[2017 ABC Conference](#)

[Events](#)

[News](#)

[About Us](#)

[Center Partners](#)

[Center Administration](#)

[Key Researchers](#)

[Mentors](#)

[Students](#)

[Steering Committee](#)

[2017 ABC Conference](#)

[Project & Research
Databases](#)

[ABC-UTC Highlights Reports](#)

The main banner features a large white ABC UTC logo on a blue background. Below the logo are logos for FIU (Florida International University), Iowa State University, and the University of Nevada, Reno. Navigation arrows are visible on the left and right sides of the banner.

SEARCH

Google™ Custom Search

UPCOMING EVENTS

November 17, 2016
**West Virginia's
Basnettville Bridge
Lateral Slide**

December 12, 2016
**Call for Workshops -
Submission
Deadline - 34th
Annual International
Bridge Conference**

ABC-UTC Website Home Page

(www.abc-utc.fiu.edu)



ACCELERATED BRIDGE CONSTRUCTION
UNIVERSITY TRANSPORTATION CENTER



[Home](#)

[About Us](#)

[Research Projects](#)

[Education](#)

[Technology Transfer](#)

[Resources](#)

[2017 ABC Conference](#)

[Events](#)

[News](#)

Events

November 17, 2016

[West Virginia's Basnetville Bridge Lateral Slide](#)

December 12, 2016

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

January 8, 2017 – January 12, 2017

[2017 TBR Annual Meeting - Washington, DC](#)



SEARCH

Google™ Custom Search

UPCOMING EVENTS

November 17, 2016

[West Virginia's
Basnetville Bridge
Lateral Slide](#)

December 12, 2016

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

ABC-UTC Graduate Student Seminar Archives

October 2016: Emerging Alternatives for ABC in High Seismic Zones

Performance of Bridge Column-Pile-Shaft Pin Connections for Application in ABC

by

Mehrdad Mehraein, Ph.D.
UNR Graduate and former UNR Research Assistant
Structural Engineer, Gandhi Engineering, New York, NY
(Ph.D., May 2016)



Design for Disassembly: Towards the Resilient and Sustainable ABC of the Future

by

Sebastian Varela, Ph.D.
UNR Graduate and former UNR Research Assistant
Engineer III-Structural, Freese and Nichols Inc., Fort Worth, TX
(Ph.D., May 2016)



www.abc-utc.fiu.edu/events/graduate-student-seminars-archives

Next Webinar

Thursday, December 29, 2016 (1:00 – 2:00 p.m. Eastern)

Featured Presentation

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

by

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

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

Today's Webinar

ABC Announcements (10 minutes)

Featured Presentation (35 minutes)

West Virginia's Basnetville Bridge Lateral Slide

Steven Jarrell, Bridge Project Manager, West Virginia DOT;
Jeffrey Gola, P.E., Project Manager, Thrasher Engineering;
and **Jason Nelson, P.E.**, District 4 Construction Engineer,
West Virginia DOT

Question and Answer (15 minutes)

Please post your questions in the question box