

Welcome to Monthly Webinar on Accelerated Bridge Construction

Five Million Pound Utah Bridge Slide

Sponsored by

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



Website: abc-utc.fiu.edu

Email: abc@fiu.edu

September 21, 2023 – 1:00 p.m. to 2:15 p.m. Eastern





Today's Monthly Webinar

ABC Announcements

(10 minutes)

Featured Presentation

(35-40 minutes)

Five Million Pound Utah Bridge Slide

by

Cheryl Hersh Simmons, S.E., Chief Structural Engineer, Utah Department of Transportation; **Logan Julander, P.E.**, Structures Manager, Michael Baker International; and **Jim Deschenes, S.E.**, Director of Alternative Delivery, Ralph L. Wadsworth Construction

Question and Answer Session

(15+ minutes)

Please post your questions in the question box

Innovative Bridge Technologies / Accelerated Bridge Construction University Transportation Center (IBT/ABC-UTC)

USDOT Tier 1 UTC – Awarded 2023-2029

Research Priority:

Improving the Durability and Extending the Life of Transportation Infrastructure

Lead: Florida International University

Consortia Members:

Florida A&M University

Texas A&M University

University of Georgia

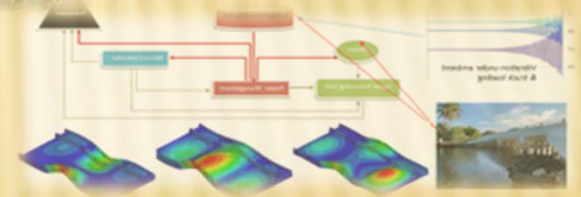
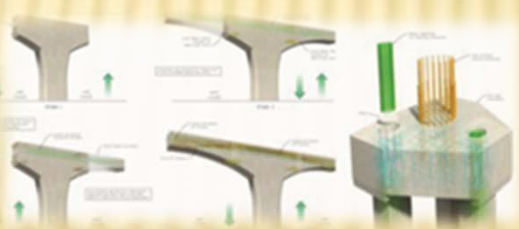
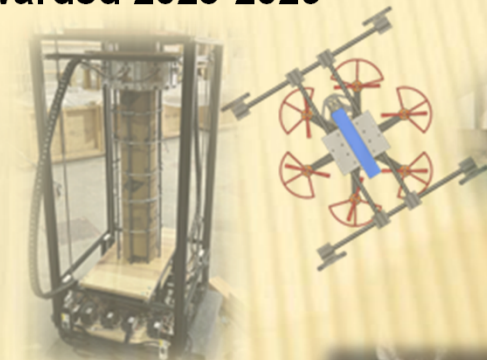
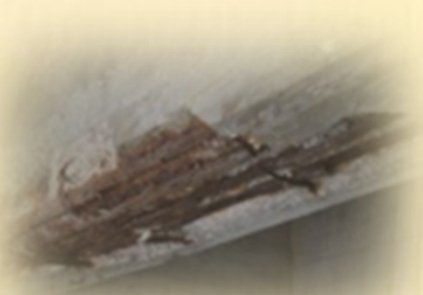
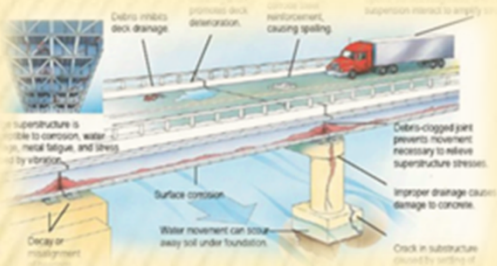
University of Nevada, Reno

University of Oklahoma

University of Washington



Innovative Bridge Technologies / Accelerated Bridge Construction University Transportation Center (IBT/ABC-UTC) – Awarded 2023-2029



Innovative Bridge Technologies / Accelerated Bridge Construction University Transportation Center (IBT/ABC-UTC)

Reorganization, effective October 2023:

- Kathy Crowell, formerly with New Mexico DOT – Monthly Webinars, Research Seminars, In-Depth Web Training
- Bijan Khaleghi, formerly with Washington State DOT – Technology Implementation
- Mary Lou Ralls Newman – ABC Project Database

NSBA 2024 Prize Bridge Award Competition – Open!

Deadline: September 30, 2023

Website: <https://www.aisc.org/nsba/prize-bridge-awards/>



Upcoming Events

Fall 2023 AASHTO/NSBA Steel Bridge Collaboration Meeting – Tampa, FL
October 24-26, 2023

<https://www.aisc.org/nsba/design-and-estimation-resources/aashto-nsba-collaboration/>

Sponsored by American Association of State Highway and Transportation Officials (AASHTO) & National Steel Bridge Alliance (NSBA)

<https://transportation.org/> & <https://www.aisc.org/nsba/>

Location:

Hotel Tampa Riverwalk
200 North Ashley Drive, Tampa, FL 33602

Registration Deadline: October 10, 2023

<https://form.jotform.com/232133561469153>

For more information, contact Vin Bartucca: bartucca@steelbridges.org

Upcoming Events

2023 CAMX – The Composites and Advanced Materials Expo – Atlanta, GA

October 30 – November 2, 2023

<https://www.thecamx.org/>

Sponsored by American Composites Manufacturers Association (ACMA)
& Society for the Advancement of Material and Process Engineering (SAMPE)

<http://www.acmanet.org> & <http://www.sampe.org>

CAMX Featured Session (infrastructure interest):

Wednesday, November 1, 2:15-3:15 p.m.

Revolutionizing Waterway Infrastructure: Harnessing the Power of Composites

Speaker: Vanessa Bateman, PG, PE, D.GE, U.S. Army Corps of Engineers

Hotel Registration Deadline: October 11, 2023

For more information, contact John Busel: jbusel@acmanet.org

Upcoming Events

ASBI Monthly Webinar:

Rethinking Segmental Bridges: External Tendons Only?

Wednesday, September 27, 2023

1:00 - 2:00 p.m. ET

PDH Certificates Will be Issued to Attendees

To register: <https://www.asbi-assoc.org>

Look under the 'Learn' tab

Upcoming Events

ASBI Convention and Committee Meetings

November 5 - 8, 2023

Westin La Paloma Resort and Spa

Tucson, Arizona

For more information and registration:

<https://www.asbi-assoc.org>

Look under the 'Learn' tab

Upcoming Events

PCI Committee Days Conference

October 4 - 8, 2023

J.W. Marriott

Tampa, Florida

For registration: <https://www.pci.org/committeedays>

Upcoming Events

PTI Certification Weeks

Level 1 and Level 2 Multistrand and Grouted Post-Tensioning **Specialist**
Certification Training

November 15 - 17, 2023

Commons Conference Center, Austin, TX

Level 1 and Level 2 Multistrand and Grouted Post-Tensioning **Inspector**
Certification Training

November 18, 2023

Commons Conference Center, Austin, TX

For more information and registration:

<https://www.post-tensioning.org/education.aspx>

Click the 'Certification Workshops' link.

ABC-UTC 2023 In-Depth Web Training Archives

Precast Substructures

<https://abc-utc.fiu.edu/webinars/in-depth-web-training-archive/>

Module	Presenters	Presentation Titles
1	Michael P. Culmo, P.E., CHA Consulting, Inc. (CHA)	Available Precast Substructure Specifications and Resources
2	Amy Leland, P.E., S.E., WSDOT Bijan Khaleghi, Ph.D., P.E., S.E., ABC-UTC; TranTech Engineering Khashayar Nikzad, Ph.D., P.E., TranTech Engineering	Washington State's I-5 / US 12 Bridge at Grand Mound Precast Substructure
3	Christopher D. White, P.E., Volkert, Inc.	Louisiana's Precast Erection for Lake Pontchartrain Bridge Safety Bay Substructure
4	Peter Graf, P.E., S.E., Infrastructure Consulting & Engineering, PLLC	Alabama's I-59/20 Birmingham Central Business District Precast Substructure
5	Michael S. Arens, S.E., P.E., Michael Baker International Michael P. Culmo, P.E., CHA Consulting, Inc. (CHA)	Utah's Riverdale Road over I-84 Precast Substructure and Its Performance
6	Bijan Khaleghi, Ph.D., P.E., S.E., ABC-UTC; TranTech Engineering	ABC-UTC Research Outputs Ready for Implementation – Precast Substructures



Quarterly Research Seminar

Friday, October 27, 2023 – 1:00-2:15 p.m. Eastern
(Certificate of Attendance provided)

Featured Project:

3D Printing Using Ultra-High Performance Concrete

by

**Atorod Azizinamini, Ph.D., P.E., Principle Investigator; and
Ali Javed, Ph.D. candidate;
ABC-UTC / Florida International University**

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



Next Monthly Webinar

Thursday, October 12, 2023 – 1:00-2:15 p.m. Eastern
(Certificate of Attendance provided)

Featured Presentation:

Ferpecte Concrete Bridge Rehabilitation Utilizing UHPFRC in Switzerland

by

Eugen Bruhwiler, Dr Structural Engineering,
Swiss Federal Institute of Technology Lausanne (EPFL)

Mark your Calendars!

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