

Welcome to Monthly Webinar on Accelerated Bridge Construction

Prioritization Efforts for ABC in Texas

Sponsored by

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



Website: abc-utc.fiu.edu

Email: abc@fiu.edu

July 20, 2023 – 1:00 p.m. to 2:15 p.m. Eastern



Today's Monthly Webinar

ABC Announcements

(10 minutes)

Featured Presentation

(35-40 minutes)

Prioritization Efforts for ABC in Texas

by

Graham Bettis, P.E., State Bridge Engineer and Director of Bridge Division, Texas Department of Transportation; and **Bernie Carrasco, P.E.**, Bridge Management Section Director, Bridge Division, TxDOT

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

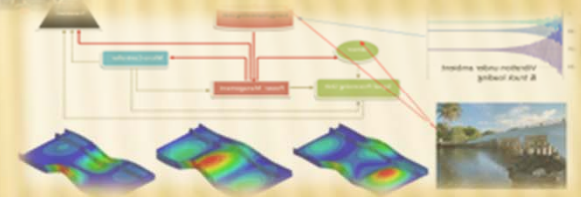
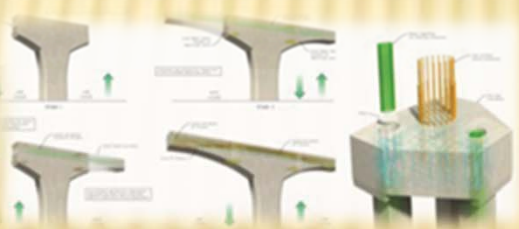
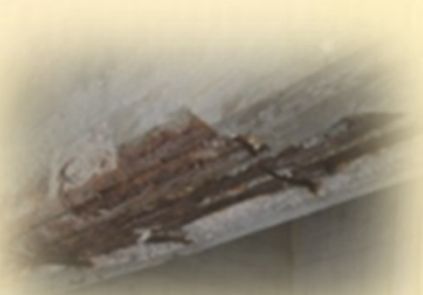
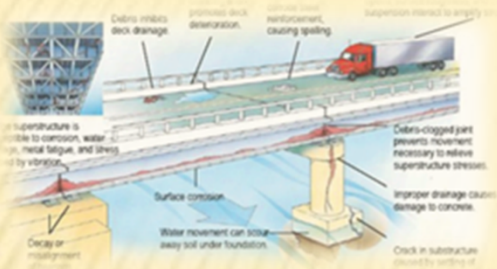
University of Nevada, Reno

University of Oklahoma

University of Washington



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



Please Let Us Know

The ABC-UTC would like to hear from you on proposed topics for future Monthly Webinars:

1. Innovative bridge-related technologies that you have implemented or plan to implement
2. Innovative bridge-related technologies that you think we should feature

Please email Atorod at aazizina@fiu.edu

Upcoming Events

2023 Western Bridge Engineers' Seminar – Phoenix, AZ

September 5-8, 2023

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

Online Registration Deadline: 12 noon MST on Tuesday, August 15, 2023
(Attendees must register on-site after this deadline.)

Deadline to reserve rooms at the conference rate: Tuesday, August 15, 2023

<http://www.westernbridge.net>

Upcoming Events

ASBI Monthly Webinar:

I-59/20 Birmingham Viaduct Project

Wednesday, July 26

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

PDH Certificates Will be Issued to Attendees

2023 ASBI Seminar on Construction Practices for Segmental Concrete Bridges

Thursday - Friday, August 17 - 18

Hotel Fontenot, New Orleans, LA

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

Look under the 'Events' 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 'Events' tab

Upcoming Events

2024 PCI Design Awards

Nominations will close Wednesday, July 26, 2023.

There is a \$500 submission fee per project submitted.

To enter: <https://www.pci.org/designawards>

2023 PCI Committee Days Conference

October 4 – October 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

Phoenix Certification Week

September 13-15, 2023

Embassy Suites by Hilton Scottsdale Resort

Austin Certification Week

November 15-17, 2023

Commons Conference Center, Austin, TX

For more information and registration: <https://www.post-tensioning.org/education.aspx>

Click the 'Certification Workshops' link.

Upcoming Events

PTI Certification Weeks

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

Austin Certification Week

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

Tuesday, September 12, 2023
11:00-3:15 p.m. EDT

Precast Substructures

(six 40-minute modules with 15-minute break)

Certificate of Attendance provided

Mark your calendars!

ABC-UTC 2023 In-Depth Web Training

Precast Substructures



Tuesday, September 12, 11:00 a.m. to 3:15 p.m. EDT

Module	Start Time	Presenters	Presentation Titles
1	11:00 a.m. EDT	Michael P. Culmo, P.E., CHA Consulting, Inc. (CHA)	Available ABC Specifications and Resources
2	11:40 a.m. EDT	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	ABC Substructure Pocket/Socket Connections in Washington State
3	12:20 p.m. EDT	Christopher D. White, P.E., Volkert, Inc.	Louisiana's Precast Erection for Lake Pontchartrain Bridge Safety Bay Substructure
	1:00 p.m. EDT		Break
4	1:15 p.m. EDT	Peter Graf, P.E., S.E., Infrastructure Consulting & Engineering, PLLC	Alabama's I-59/20 Birmingham Central Business District Precast Substructure
5	1:55 p.m. EDT	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	2:35 p.m. EDT	Bijan Khaleghi, Ph.D., P.E., S.E., ABC-UTC	ABC-UTC Research Outputs Ready for Implementation – Substructures
	3:15 p.m. EDT		End of 2023 In-Depth Web Training

Quarterly Research Seminar

Friday, July 28, 2023 – 1:00-2:15 p.m. Eastern
(Certificate of Attendance provided)

Featured Project:

Design Guidance for UHPC Connections of Precast Girders Made Continuous for Live Load

by

Royce W. Floyd, P.E., S.E., Ph.D., Principal Investigator; and Zachary
Tiry, M.S. Student, ABC-UTC / University of Oklahoma

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

Next Monthly Webinar



Thursday, August 17, 2023 – 1:00-2:15 p.m. Eastern

(Certificate of Attendance provided)

Featured Presentation:

First U.S. Bridge with 100% UHPC Superstructure: Michigan's Bricker Road Bridge over Quackenbush Drain

by

William (Bill) Hazelton, P.E., Managing Director, St. Clair County Road Commission, Michigan; and **Sherif El-Tawil, Ph.D., P.E.**, Antoine E. Naaman Collegiate Professor of Civil and Environmental Engineering, University of Michigan and Co-Founder, HiPer Fiber, LLC

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