

# Welcome to Monthly Webinar on Accelerated Bridge Construction

## FHWA Bridge Bundling Guidebook (BBG)

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)**

**October 17, 2019 – 1:00 p.m. to 2:00 p.m. Eastern**



# Today's Monthly Webinar



**ABC Announcements**

(10 minutes)

**Featured Presentation**

(35 minutes)

## **FHWA Bridge Bundling Guidebook (BBG)**

by

**Romeo Garcia**, Bridge Construction Engineer, Federal Highway Administration (FHWA); **Daniel D'Angelo, P.E.**, Principal Civil Engineer, Applied Research Associates, Inc. (ARA); and **Barry Benton, P.E.**, Vice President, Greenman-Pedersen, Inc. (GPI)

**Question and Answer**

(15 minutes)

**Please post your questions in the question box**

# 2019

## INTERNATIONAL ACCELERATED BRIDGE CONSTRUCTION CONFERENCE:

Including Automation, Service Life and Ultra High  
Performance Concrete (UHPC)

December 11-13, 2019  
Miami, FL

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

**FIU** | Engineering  
& Computing  
Civil and Environmental Engineering



# Exhibit Opportunity

Reserve your booth while available



**Reserve your booth using link below:**

<https://abc-utc.fiu.edu/conference/exhibitors/>

# Hyatt Regency Downtown Miami



We suggest you reserve your hotel early at special conference rate while available. Use link below:

<https://abc-utc.fiu.edu/conference/hotel/>

# Conference Program Includes:

- **108 thirty-minute technical presentations**
- **Keynote talk - US DOT's Priorities - USDOT's Deputy Assistant Secretary for Research and Technology, Diana Furchtgott-Roth**
- **Four technical keynote talks**
- **7 four-hour pre-conference workshops**
- **Special poster research presentation**
- **ABC project awards**
- **Recognizing ABC person of the year**
- **Reception - Thursday evening in exhibit hall**
- **Spouse program**

# **Continuing Education Credit:**

- **FIU is an official sponsor of continuing education in Florida (FBPE) and New York State (NYS)**
- **Workshop attendees will receive a 4-hour certificate of attendance per workshop attended; conference attendees will receive a 14-hour certificate of attendance**

# **Please visit**

**<https://abc-utc.fiu.edu/conference/>**

**to view the Conference program and complete details  
about the Conference**

**We look forward to seeing many of you,  
who have been enjoying our various  
web-based events, at the Conference**

**Your support by attending the  
Conference will allow us to better meet  
your needs**



# Request for Information

Please send an email to [aazizina@fiu.edu](mailto:aazizina@fiu.edu) if you have a major ABC project utilizing SPMTs in the very near future

We have been contacted by a major TV station to document a major ABC project

# ABC-UTC 2019

## In-Depth Web Training Archives

# Latest Seismic ABC Applications

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

1	Seismic ABC Design Requirements	Bijan Khaleghi, Ph.D., P.E., S.E., WSDOT; & Khashayar Nikzad, Ph.D., P.E., TranTech
2	AASHTO ABC Guide Specifications, Seismic Design Requirements for Connections, and Connection Design Example	Lee Marsh, Ph.D., P.E., WSP; & Greg Banks, P.E., S.E., WSP
3	ABC Seismic Bridge System Utilizing Steel	Atorod Azizinamini, Ph.D., P.E., Director of ABC-UTC, FIU
4	Precast ABC Bents and Connections	Toorak Zokaie, Ph.D., P.E., Caltrans; & Dorie Mellon, P.E., Caltrans
5	Seismic Resilient Concrete-Filled Steel Tube Substructures	Dawn Lehman, Ph.D., P.E., UW; & Amy Leland, P.E., S.E., WSDOT
6	Use of UHPC for Longitudinal Joints in Deck Bulb Tee Bridge Girders	John Stanton, Ph.D., P.E., UW; & Tim Peruchini, formerly UW

# Upcoming Events

## **ASBI 31st Annual Convention and Committee Meetings – Orlando, FL**

November 4-6, 2019

Sponsored by American Segmental Bridge Institute (ASBI)

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

To register:

<https://www.asbi-assoc.org/index.cfm/events/31st-annual-convention>

# Upcoming Events

## **ASBI Grouting Certification Training – Austin, TX**

April 6, 2020

Sponsored by American Segmental Bridge Institute (ASBI)

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

Early Registration Deadline: **March 31, 2020**

To register:

<https://asbi-assoc.org/index.cfm/grouting/training>

# Upcoming Events

## **Webinar: Introduction to the FHWA Bridge Welding Reference Manual**

Tuesday, December 3, 2019

1:30-3:00 p.m. EST

Sponsored by American Institute of Steel Construction (AISC)

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

**Online Registration Deadline: December 3 – 10:00 a.m. EST**

**To register:**

<https://www.aisc.org/education/continuingeducation/live-webinars/introduction-to-the-fhwa-bridge-welding-reference-manual/Introduction-to-the-FHWA-Bridge-Welding-Reference-Manual/#.XaSOm0ZKiUk>

# **ABC-UTC**

## **Quarterly Research Seminar**

Friday, October 25, 2019 – 1:00-2:00 p.m. Eastern

### **Performance Comparison of In-Service, Full-Depth Precast Concrete Deck Panels to Cast-in-Place Decks**

**David Garber, Ph.D., P.E.**, Principal Investigator; and  
**Esmail Shahrokhinasab, Ph.D.** Student

**ABC-UTC / Florida International University**

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

# ABC-UTC

## Semi-Annual Research Day

Friday, November 8, 2019 – 10:00 a.m.-4:40 p.m. EST

## 2019 Research Day 2



**Mark Your Calendars!**



# Next Monthly Webinar

Thursday, November 7, 2019 – 1:00-2:00 p.m. EST

**Featured Presentation**

## Colorado DOT's Bronco Bridge over Platte River Replacement Project

by

**Ryan Sullivan-Hope, P.E.**, Region 5 Design Engineer and Asset Manager, Colorado Department of Transportation; and **Gregg Reese, P.E.**, Senior Technical Advisor, Modjeski and Masters, Inc.

**Mark your Calendars!**



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