

**Welcome to Monthly Webinar on
Accelerated Bridge Construction**

**Precast Segmental Bridges for
the LaDOTD I-49/I-220
Interchange**

Sponsored by

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



Website: abc-utc.fiu.edu

Email: abc@fiu.edu

September 19, 2019 – 1:00 p.m. to 2:00 p.m. Eastern



Today's Monthly Webinar



ABC Announcements

(10 minutes)

Featured Presentation

(35 minutes)

Precast Segmental Bridges for the LaDOTD I-49/I-220 Interchange

by

Paul Vaught, P.E., Assistant Bridge Design Administrator,
Louisiana Department of Transportation and Development;
Craig Finley, P.E., Managing Principal, FINLEY Engineering
Group, Inc.; and **Ivan Liu, P.E.**, Bridge Engineer, FINLEY
Engineering Group, Inc.

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

FIU | Engineering
& Computing
Civil and Environmental Engineering



Deadline Extended: Early Bird Registration Rate Ends Monday, September 30, 2019

Register online using link below:
<https://abc-utc.fiu.edu/conference/registration/>



Please click the photo above to view the 2019 conference program. Contact [Mrs. Mina Saremi](mailto:Mrs.Mina.Saremi) via telephone at (954) 895-7728 or via email at msare001@fiu.edu with any questions.

Deadline Extended:

Award Nominations Due

Monday, September 30, 2019



Award Program Categories:

- ABC Person of the Year
- Best ABC Project in the following categories:
 - Lateral Slide Technology
 - Self-Propelled Modular Transporters
 - Prefabricated Bridge Elements and Systems
 - Emergency

Submit your nomination online using link below:

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

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**

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 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

Calls for Paper Abstracts

37th Annual International Bridge Conference

– Pittsburgh, PA

June 8-11, 2020

Sponsored by Engineers' Society of Western PA (ESWP)

<http://www.eswp.com/bridge/>

Suggested topics include **Accelerated Bridge Construction**

Call for Paper Abstracts:

Deadline for submission: October 4, 2019

<https://eswp.com/bridge/call-for-papers/>

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/>

Early Registration Deadline: October 6, 2019

To register:

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

Upcoming Events

ASBI Grouting Certification Training – Austin, TX

Monday, 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>

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

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

Mark your Calendars!

Next Monthly Webinar



Thursday, October 17, 2019 – 1:00-2:00 p.m. EDT

Featured Presentation

FHWA Bridge Bundling Guidebook (BBG)

by

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

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