

# Welcome to Monthly Webinar on Accelerated Bridge Construction

## WSDOT's Alaskan Way Viaduct Replacement Project: SR-99 Seattle Tunnel Precast Deck

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)

August 22, 2019 – 1:00 p.m. to 2:00 p.m. Eastern



# Today's Monthly Webinar



**ABC Announcements**

(10 minutes)

**Featured Presentation**

(35 minutes)

## **WSDOT's Alaskan Way Viaduct Replacement Project: SR-99 Seattle Tunnel Precast Deck**

by

**Mark Gaines, P.E.**, State Bridge and Structures Engineer,  
Washington State DOT; **Jim Parkins, P.E.**, Director of  
Marketing, Concrete Technology Corporation; and **Tim Moore,**  
**P.E., S.E.**, Mega Projects Bridge Manager, WSDOT

**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



# Register Early – Early Bird Registration Rate Ends Monday, September 16, 2019

– Register Online Today –

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

All Speakers Must Register Before Sept. 6.



# 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 see title and affiliation of presenters and more

# Awards Program



## Award 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 by:**  
**September 15, 2019**

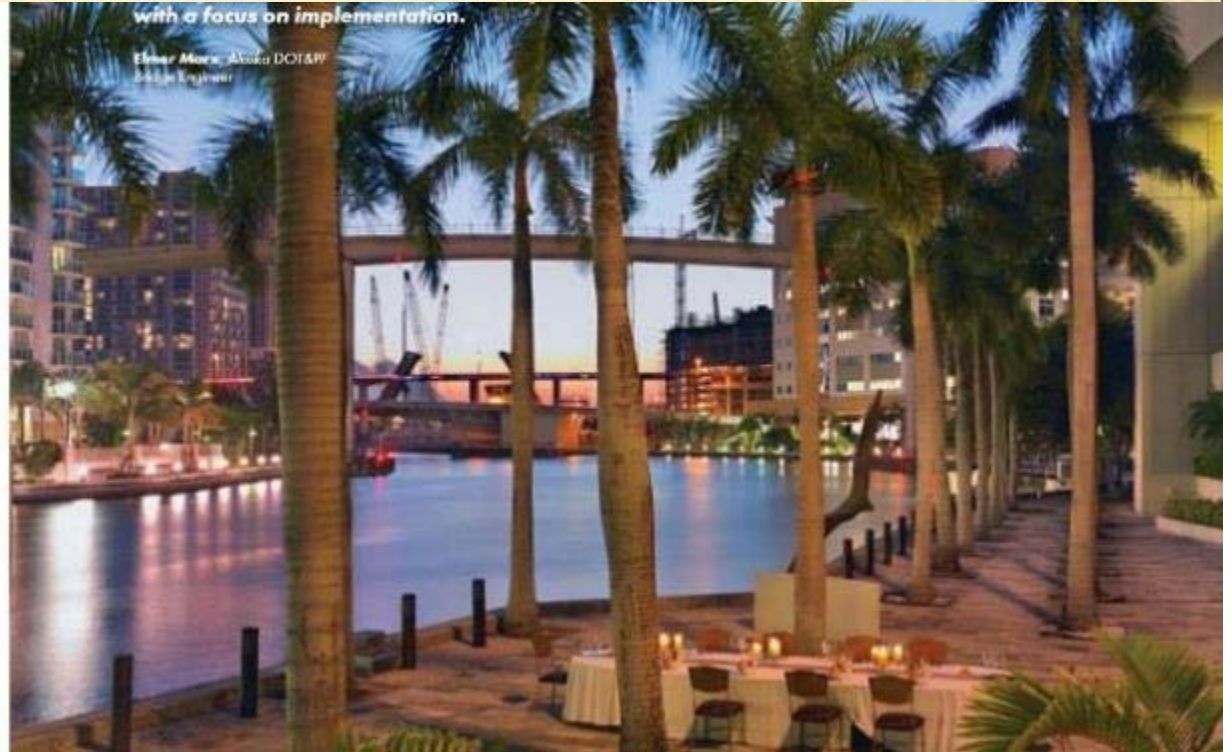
# Exhibit Opportunity

Reserve your booth while available



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

# Hyatt Regency Downtown Miami



We suggest you reserve your hotel early at the special conference rate while available

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



# Calls for Paper Abstracts

**37<sup>th</sup> 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

**IRF Global R2T (Roads to Tomorrow) Conference – Las Vegas, NV**

November 19-22, 2019

Sponsored by International Road Federation (IRF)

<https://www.irf.global/>

Early Registration Deadline: **August 31, 2019**

To register:

<https://www.irf.global/event/grc19-lasvegas/>

# ABC-UTC 2019 In-Depth Web Training

## Latest Seismic ABC Applications

Tuesday, September 10, 11:00 a.m. to 3:00 p.m. EDT

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

1	11:00 a.m. E	Seismic ABC Design Requirements	Bijan Khaleghi, Ph.D., P.E., S.E., WSDOT; & Khashayar Nikzad, Ph.D., P.E., TranTech
2	11:40 a.m. E	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	12:20 p.m. E	ABC Seismic Bridge System Utilizing Steel	Atorod Azizinamini, Ph.D., P.E., Director of ABC-UTC, FIU
4	1:00 p.m. E	Precast ABC Bents and Connections	Toorak Zokaie, Ph.D., P.E., Caltrans; & Dorie Mellon, P.E., Caltrans
5	1:40 p.m. E	Seismic Resilient Concrete-Filled Steel Tube Substructures	Dawn Lehman, Ph.D., P.E., UW; & Amy Leland, P.E., S.E., WSDOT
6	2:20 p.m. E	Precast Deck with UHPC Connections	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, September 19, 2019 – 1:00-2:00 p.m. EDT

## Featured Presentation

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

by

**Paul Vaught, III, P.E.**, Assistant Bridge Design Administrator,  
Louisiana Department of Transportation and Development;  
and **Jerry Pfuntner, P.E., S.E.**, Principal – Technical Director,  
Finley Engineering Group

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