Welcome to Monthly Webinar on Accelerated Bridge Construction

Lightweight Superstructure Replacement of MDTA’s Patapsco River Flats Bridge

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

Website: abc-utc.fiu.edu
Email: abc@fiu.edu

May 16, 2019 – 1:00 p.m. to 2:00 p.m. Eastern
Today’s Monthly Webinar

ABC Announcements (10 minutes)
Featured Presentation (35 minutes)

Lightweight Superstructure Replacement of MDTA’s Patapsco River Flats Bridge

by

William N. Pines, P.E., Director of Project Development, Maryland Transportation Authority; Robert J. Healy, P.E., Director of Structures, RK&K; and Shilpa S. Kodkani, P.E., Project Manager, RK&K

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
Conference Program and Online Registration – now Available!

https://abc-utc.fiu.edu/conference/program/

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

- 108 thirty-minute technical presentations
- Keynote talk by Secretary of Transportation (invited)
- 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
Hyatt Regency Downtown Miami
We suggest you reserve your hotel early at special conference rate while available

https://abc-utc.fiu.edu/conference/hotel/
Exhibit Opportunity

https://abc-utc.fiu.edu/conference/exhibitors/
Travel Scholarships are Available

Please submit your application online

https://abc-utc.fiu.edu/conference/travel-scholarships/
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
Elmira Shoushtari
Graduation: Ph.D., August 2019
Institution:
   University of Nevada, Reno
Contact Email:
   sh.elmira88@gmail.com
Major Advisor:
   Dr. Saiid Saiidi

Dissertation Topic:
Shake table studies of a two-span steel girder bridge system with ABC connection
Student Spotlight

Azadeh Jaberi
Graduation: Ph.D., July 2019
Institution:
    Florida International University
Contact Email:
    ajabe002@fiu.edu
Major Advisor:
    Dr. Atorod Azizinamini

Dissertation Topic:
ABC Closure Joints: Detailing, Design and Service Life
Workforce Development

Engineering First!
• Customizable lesson plans for K-5 students
• Short daily lessons for four weeks

Available at:
https://abc-utc.fiu.edu/education/engineering-first/
Workforce Development

Engineering First! Teacher Workshops
Summer 2019 workshops in:
• Reno (NV) – Aug. 1-2
• Seattle (WA) – Aug. 8-9

Past workshop in Miami, FL (2018)
Resource developed in Ames, IA

https://abc-utc.fiu.edu/education/activities-outreach/
Workforce Development

Interested in Engineering First?

https://abc-utc.fiu.edu/education/engineering-first/

For more information, contact David Garber (dgarber@fiu.edu)
Call for Abstracts

2020 World Steel Bridge Symposium – Atlanta, GA
April 22-24, 2020
Sponsored by National Steel Bridge Alliance (NSBA)
https://www.aisc.org/nsba

Abstract Submission Deadline: May 21, 2019
https://www.aisc.org/nsba/world-steel-bridge-symposium/

For more information, contact:
Philip McConnell, mcconnell@aisc.org
Call for Entries

2019 ASBI Bridge Award of Excellence
Sponsored by American Segmental Bridge Institute (ASBI)
http://www.asbi-assoc.org/

Bridges opened to the public or dedicated between January 1, 2017 and August 1, 2019

Submission Deadline: June 3, 2019
https://www.asbi-assoc.org/index.cfm/events/31st-annual-convention

For more information, contact:
Gregg Freeby at gfreeby@asbi-assoc.org
Call for Abstracts and Session Proposals

2020 Structures Congress – St. Louis, MO
April 5-8, 2020
Sponsored by ASCE/Structural Engineering Institute (SEI)
http://www.structurescongress.org/

Call for Abstracts and Session Proposals
Deadline: June 5, 2019
https://2020.structurescongress.org/program/call-proposals
Upcoming Events

2019 International Bridge Conference – National Harbor, MD
June 10-12, 2019
Sponsored by Engineers’ Society of Western Pennsylvania
http://www.eswp.com/bridge/

ABC-related Workshop – Mon., June 10, 2:00-6:00 p.m.:
W-2: New Design Standards and Worldwide Innovative Applications Using FRP Composites to Build Bridges
Sponsored by the American Composites Manufacturers Association, http://www.acmanet.org

For more information: Contact John Busel at jbusel@acmanet.org
please join NSBA for a

Networking Riverboat Cruise

ABOARD THE HARRIETT II

200 Coosa St
Montgomery
AL 36104

Tuesday June 25, 2019
6:00 – 9:00 p.m.
boarding 6:00 – 7:00 p.m.

to register visit:
www.aisc.org/boatcruise

NSBA Networking Event is held in conjunction with the 2019 Annual Meeting for AASHTO Committee on Bridges & Structures.

Smarter. Stronger. Steel.
Upcoming Events

ASBI 2019 Seminar: Construction Practices for Concrete Segmental and Cable-Supported Bridges – Houston, TX
Tuesday-Wednesday, August 6-7, 2019

Sponsored by American Segmental Bridge Institute (ASBI)
https://www.asbi-assoc.org/

Based on new ASBI Construction Practices Handbook for Concrete Segmental and Cable-Supported Bridges,
3rd Edition, June 2019

For agenda, online registration, and hotel information:
https://www.asbi-assoc.org/index.cfm/events/seminar
Upcoming Events

Flexible Filler Certification Training – Tallahassee, FL
August 12-13, 2019
Sponsored by Florida DOT, American Segmental Bridge Institute (ASBI), Post-Tensioning Institute (PTI)

For agenda, online registration, and hotel information: https://www.asbi-assoc.org/index.cfm/flexiblefiller/training
Upcoming Events

2019 Western Bridge Engineers’ Seminar – Boise, ID
September 4-6, 2019
Sponsored by FHWA & the Transportation Departments of Alaska, Arizona, California, Idaho, Nevada, Oregon and Washington
http://www.westernbridge.net

Early-bird registration ends: August 15, 2019

For more information, email: wbes@wsu.edu
Next Monthly Webinar

Thursday, June 20, 2019 – 1:00-2:00 p.m. Eastern

Featured Presentation

Michigan DOT’s Use of Externally-Bonded FRP Systems for Bridge Element Strengthening

by

Matthew Chynoweth, P.E., Chief Bridge Engineer, Dir. of the Bureau of Bridges and Structures, Michigan DOT; Steve Kahl, P.E., Bridge Construction and Modeling Engineer, MDOT; and Jason DeRuyver, P.E., Bridge Design Squad Leader, MDOT

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