

Welcome to the Quarterly Research Seminar on Innovative Bridge Technologies / Accelerated Bridge Construction

Prestress Losses in UHPC and Hybrid Precast, Prestressed Bridge Girders

Sponsored by

*Innovative Bridge Technologies / Accelerated Bridge Construction - University Transportation Center
(IBT/ABC-UTC) at Florida International University*



Website: abc-utc.fiu.edu

Email: abc@fiu.edu

January 31, 2025 – 1:00 p.m. to 2:15 p.m. Eastern



Today's Quarterly Research Seminar

IBT/ABC Announcements

(10 minutes)

Featured Presentation

(35-40 minutes)

Prestress Losses in UHPC and Hybrid Precast, Prestressed Bridge Girders

by

Royce W. Floyd, Ph.D., P.E., S.E., Principal Investigator, Associate Professor,
Omar Yadak, Graduate Research Assistant,
School of Civil Engineering and Environmental Science
The University of Oklahoma

Question and Answer Session

(15+ minutes)

Please post your questions in the question box



Next Quarterly Research Seminar

Friday, April 25, 2025 – 1:00-2:15 p.m. Eastern
(Certificate of Attendance provided)

Featured Project:

Quantitative Condition Rating (Quant CR) for Transformative Bridge Asset Management

by

Bjorn Birgisson, Ph.D., P.E., Principal Investigator; Chair; **Mi G. Chorzepa, Ph.D., P.E.**; **Sajib Saha, Ph.D.**, School of Environmental, Civil, Agricultural, and Mechanical Engineering, University of Georgia

Mark your Calendar!



Next Monthly Webinar

Thursday, February 20, 2025 – 1:00-2:15 p.m. Eastern
(Certificate of Attendance provided)

Featured Presentation:

Fast Cast Bridges for Rural Transportation Solutions

by

Andy Vanaman, President, Premier Steel;

David Ford, Department of Transportation Director, Moscogee Nation;

Jim Sallee, Director of Transportation Roads and Bridges, Choctaw Nation,

Kristoper Swanson, S.E., P.E., Principal, DCI Engineers

Mark Your Calendar!



March Monthly Webinar

Thursday, March 20, 2025 – 1:00-2:15 p.m. Eastern

(Certificate of Attendance provided)

Featured Presentation:

Sprayable UHPC – VDOT Abutment Repair and Development of Mobile Capability

by

Atorod Azizinamini, Ph.D., P.E., Director and Professor, Florida International University; **Sam Fallah, P.E.**, NoVA District Bridge Engineer, Virginia Department of Transportation

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