

Certificate of Attendance for

milad pashaei

Attended a one-hour research seminar on November 1, 2018. The seminar was focused on accelerated bridge construction (ABC) research, and featured a presentation on:

Accelerated Repair of Existing Bridges Using UHPC

Atorod Azizinamini, Ph.D., P.E., Principal Investigator; Mahsa Farzad, Ph.D. student with Florida International University; and Alireza Valikhani, Ph.D. student with Florida International University

Description: Within the U.S. bridge inventory, a significant number of bridges need replacement or retrofit due to various reasons. The lack of funding demands that owners get the most out of existing bridges, extending their service life or upgrading their capacity. UHPC provides an opportunity to retrofit damaged elements of bridges and even produce elements that are stronger than the original design. Significant research studies are being carried out at Florida International University, sponsored by the USDOT through the University Transportation Program, to develop UHPC technologies for repairing and upgrading existing substandard bridges. This presentation provided a summary of efforts underway and completed, with design and construction recommendations based on the completed portion of the work.

Sponsored by the Accelerated Bridge Construction University Transportation Center (ABC-UTC)

at Florida International University (FIU); www.abc-utc.fiu.edu

One-hour seminar