

2017 National ABC Conference – Pre-Conference Workshops

W-10: Innovative Bridge Designs for Rapid Renewal, SHRP2 R04 ABC Toolkit

Wednesday, December 6, 2017 – 1:00 p.m. to 5:00 p.m.

Introduction:

This workshop introduces the *Innovative Bridge Designs for Rapid Renewal SHRP2 R04 ABC Toolkit* and provides an in-depth overview of ABC issues. The workshop will cover the philosophy of why ABC should be considered in the current construction environment. Basics of ABC will be discussed, including a variety of proven methods vetted during the two demonstration projects and the eight implementation projects carried out under the SHRP2 R04 project. Lessons learned from these projects will be presented along with current best practices for ABC. The workshop will conclude with a walk through the recently completed ABC projects around the country.

Workshop Presenter:

Finn K. Hubbard, P.E., Fickett Structural Solutions

Program:

- 1:00 p.m. Welcome and Introduction to Workshop
- 1:15 p.m. SHRP2 Overview
- 1:30 p.m. Introduction to ABC
- 2:00 p.m. ABC Toolkit for Designers (SHRP2 R04)
- 3:00 p.m. *Break*
- 3:15 p.m. Procurement, Costs, Savings, and ABC
- 3:45 p.m. Eight SHRP2 Implementation Projects with Lessons Learned
- 4:30 p.m. ABC Projects from Around the Country
- 5:00 p.m. Adjourn

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Speaker and Bio:

Finn K. Hubbard, P.E., fhubbard@fickettinc.com (**Organizer, Moderator, & Presenter**)

Finn is Senior Vice President at Fickett Structural Solutions in Middleton, Wisconsin. He graduated with a BS and MS in Civil/Structural Engineering from the University of Wisconsin. Finn worked for the Wisconsin Department of Transportation in the Bridge Office from 1985 until 2008 becoming the State Bridge Engineer in 2001. Finn has presented papers on the pros and cons on Accelerated Bridge Construction using both prestressed and steel super structures in combination with precast substructures.