TRB TRANSPORTATION RESEARCH BOARD OF THE NATIONAL ACADEMIES

Improved Practices for Design and Construction of Continuously Reinforced Concrete Pavements (CRCP) - Part 1: Design

April 20, 2011

Session Duration: 120 Minutes

This webinar will explore the historical evolution, design, and United States experience with continuously reinforced concrete pavements (CRCP). Well-designed and well-constructed CRCP can potentially be a long-life and low-maintenance pavement. As a result, many highway agencies are assessing or re-assessing the use of CRCP for constructing long-life concrete pavements with an initial design period of 40+ years.

Continuous longitudinal reinforcement, typically steel, is used in CRCP to eliminate the need for joints. Active joints in CRCP are only provided at approaches to structures or at transitions to other pavement types. Panelists will discuss their experiences with CRCP and explore directions that are being taken by various highway agencies.

At the end of the webinar, attendees will be able to:
1. Compute the thickness and reinforcement of CRCP
2. Specify CRCP details
3. Select the best design practices

Agenda: http://bit.ly/TRBCRCP

Panelists:
Mike Darter, Applied Research Associates, Inc.
Dan Zollinger, Texas Transportation Institute, The Texas A&M University
Moon Won, Texas Tech University
Steve Tritsch, CMC Americas, Inc.

Moderated by: Shiraz Tayabji, Fugro Consultants, Inc., and Dulce Rufino Feldman, California Department of Transportation