



2014 MUNICIPAL STREETS SEMINAR

November 12, 2014 – Ames, Iowa

Scheman Building, 1810 Lincoln Way, Iowa State University

8:00	Registration, Breakfast and Welcome – Moderator, Dale S. Harrington, representing the CP Tech Center
8:30	Bike Facilities Design for City Systems – Jason Havel, City of Iowa City The vitality of urban life demands a design approach sensitive to the multi-faceted role streets play in our cities, particularly with bike trails. Learn about innovative solutions for integrating bikeways into the existing street system, including bicycling in on-going transportation planning, and design and maintenance activities.
9:15	2014 Concrete Pavement Preservation Guide Update – Dale Harrington, Snyder & Associates, Inc. A summary of the new CP Tech Center's new <i>Concrete Pavement Preservation Guide</i> will be presented. It provides the most up-to-date information available on the selection, design, and construction of cost-effective concrete pavement preservation strategies. It concentrates on strategies and methods that are applicable at the project level, and not at the network level.
10:00	BREAK
10:15	Pavement Thickness Design Methods – Eric Ferrebee, ACPA Learn about computer software programs for concrete pavement thickness design and what variables are important to address to optimize the pavement thickness design.
11:00	Integrated Pavement Solutions – Gordon Smith/John Cunningham, Iowa Concrete Paving Association The new updated (Oct 2014) <i>Guide to Cement-Based Integrated Pavement Solutions</i> covers 10 different cement – bound material options for specific pavement application. Each application will be presented as a method for meeting specific design and construction objectives that today's pavement practitioner must accomplish.
11:45	LUNCH
12:30	Life-Cycle Cost Analysis – John Donahue, Missouri DOT This process is one of the important tools available to IDOTs, cities and counties for making informed paving choices that best service the public's interest. Recommended now by FHWA this method has allowed several agencies to save taxpayers a considerable amount of money and improve roadway performance through informed and transparent decision making. Learn about the new findings of MIT as it pertains to long term costs of highway materials. LCCA project example will be explained in detail.
1:15	Alternate Bidding and Iowa DOT's Best Value Method – Wesley Musgrove, IDOT Although the Iowa DOT does not typically engage in alternate bidding, the Iowa DOT's Office of Local Systems has distributed guidance on alternate bidding for local agencies that includes guidance from FHWA. Iowa DOT's Office of Contracts also offers local agencies the option of alternate bidding with LCCA through a process known as "Best Value Method."
2:00	BREAK
2:15	Performance Engineered Mixtures – Peter Taylor, National Concrete Pavement Technology Center The progress of research work investigating new performance engineering concrete mixtures that are durable and meet cost effective criteria will be shared. The presentation will include how we measure our concrete mix now, what we need in the mixes, what we want to measure, and plans for the future.
3:00	ADJOURN