

2009 MUNICIPAL STREETS SEMINAR

For mayors, council persons, city administrators, city clerks, public works directors, engineers, street superintendents, maintenance personnel, consultants, and MPO/RPA staff.

November 19, 2009 – Ames, Iowa Holiday Inn Conference Center, 2609 University Blvd

National Concrete Pavement
Technology Center

IOWA STATE UNIVERSITY
Institute for Transportation



- ▶ Sustainability in Urban Areas
 - ▶ Complete Street Concept
- ▶ 10 Best Practices to Minimize Pavement Failure
 - ▶ Equivalent Pavement Design
- ▶ Price Trends & Material Availability
 - ▶ Revenue Options for Street Improvements
- ▶ Pavement Management Practices

7:30 **Registration**

8:00 **Welcome** – Dale Harrington, moderator for the seminar, is a senior project engineer with Snyder & Associates and former director of the CP Tech Center and SUDAS

8:00 **Why Concrete Pavements for Sustainability** – Peter Taylor, Associate Director, CP Tech Center. Municipal communities are recognizing the paramount importance of adopting more sustainable practices and products that preserve or enhance economic, environmental, and social well-being in the design, construction, and maintenance of public infrastructures, particularly pavements. Dr. Peter Taylor, principal author of *Building Sustainable Pavements*, will present the 40-page briefing paper on pavement sustainability which will be provided to each attendee.

9:00 **Price Trends, Material Availability, Timing Impacts of Project Lettings** – Gordon Smith, President, Iowa Concrete Paving Association. Gordon Smith has a wealth of experience and information on price trends and future projected material availability. This information will be valuable for upcoming project estimates and timing of project lettings.

9:30 **BREAK**

9:50 **Pavement Management Practices** – David Dougherty, Vice President, Howard R. Green Co. David Dougherty will outline the pavement management system principals along with their strategy. When pavement management is properly implemented it provides a wealth of information for decision makers on current pavement conditions and allows for the establishment of prioritization and implementation of rehabilitation or reconstruction techniques. Pavement management is an excellent tool for understanding long term consequences of short term budget decisions.

10:45 **Principles of “Complete Streets” Concept: Bike Lanes** – Vern Willey, Director of Community Services, Altoona; Rich Voelker, Senior Project Manager, Snyder & Assoc. Learn the old and new approaches to the “Complete Streets” that includes dedicated lanes for bicycles, pedestrian refuge islands, bus stops, trails, new lighting, public art and street plazas. The speakers will provide insight to the concept employed on Indianola Avenue in Des Moines and 1st Avenue South in Altoona.

11:45 **LUNCH**

12:45 **Revenue Options for Street Improvements** — Mark Cory, Attorney, Ahlers & Cooney, Des Moines. The various economic options that exist to help cities undertake necessary street improvements are explored. These include TIFs, special assessments, and general obligation bonds.

1:30 **Keys to Constructability** – Paving Contractor. Speaker will present a comprehensive approach on the keys to constructability for concrete pavements in urban areas. Subjects to be covered are equipment, material, design issues, staging, access roads and construction efficiency.

- 2:15 **BREAK**
- 2:30 **Top 10 Best Practices to Minimize Pavement Failure** – Dale Harrington
A summary of best practices for long term durability will be presented that concentrates on municipal issues. By employing these top 10 practices municipalities will enhance long performance of concrete pavements.
- 3:15 **Structural Equality – Equivalent Pavement Design** –John Cunningham, Vice President, Iowa Concrete Paving Association
Municipalities are constantly faced with equivalent pavement issues. Learn what equivalent structural design really is and how to employ equality in bidding, advertisement and pavement design.
- 3:45 **Seminar Wrap-up** – Dale Harrington

Register Now - Email information or fax attached form to:
Denise Wagner, dfwagner@iastate.edu, fax: 515-294-0467

Questions? Contact Denise Wagner at 515-294-5798

Cost: \$65 (includes workshop materials and lunch)

Make checks payable to Iowa State University and send to:
Denise Wagner
National CP Tech Center
2711 S. Loop Drive, Ste 4700
Ames, IA 50010

Professional Development Hours

The Iowa Engineering and Land Surveying Examining Board (IELSEB) has established PDH requirements for professional engineering license renewal. This workshop has been planned in accordance with the rules for awarding PDHs. Certificates of attendance will be available.

**2009 Municipal Streets Seminar Registration
Holiday Inn Conference Center, Ames, Iowa**

Email information to dfwagner@iastate.edu or fax form to 515-294-0467

Name (s): _____

Organization: _____

Address: _____

City: _____ State: _____ Zip: _____

Phone: _____

Email: _____