

METROPOLITAN GOVERNMENT
PAVEMENT ENGINEERS COUNCIL

Monday, April 5, 2010

Registration
7:30 a.m. - 8:00 a.m.

General Session
8:00 a.m. - 9:15 a.m.

Breakout Sessions
9:30 a.m. - 10:30 a.m.
10:45 a.m. - 11:45 a.m.

Lunch
12 Noon

Centerpoint Building

(South of Alameda between
S. Sable Blvd. & S. Chambers Rd.)

Littleton Community Room

14980 E. Alameda Drive
Aurora, Colorado

Workshops sponsored by

CAPA Tensar
PCA-RMCC MGPEC

*Rolls & Coffee
and Complimentary Lunch
Provided by
MGPEC*

METROPOLITAN GOVERNMENT
PAVEMENT ENGINEERS COUNCIL



MGPEC

c/o Pamela Weimer
6540 S. Tabor Street
Littleton, CO 80127

METROPOLITAN
GOVERNMENT PAVEMENT
ENGINEERS COUNCIL

15TH ANNUAL
GENERAL
COUNCIL
MEETING
AND
COMPREHENSIVE
PAVEMENT
INFORMATION
SESSIONS

MONDAY, APRIL 5, 2010

CENTERPOINT
AURORA, COLORADO

AGENDA INCLUDES:

General Session

8:00 a.m. - 9:15 a.m.

Introduction

Pat Kennedy, City & County of Denver, MGPEC Chairman

MGPEC Task force Updates

Roadway Rehabilitation Treatments & Techniques
Life Cycle Cost Analysis
Subgrade Preparation

Task Force Chairman

Jamie Johnson, PCA-RMCC & Steve Olson, CDOT
Tom Clayton, CAPA
Scott Dunn, Tencate Geosynthetics

Soil Rehabilitation Below Pavements Using Polyurethane

Richard Hess, CST Stabilization

Pavement integrity can be compromised by localized unstable base or subgrade issues. Injection of expanding polyurethane is a viable option for soil strengthening below such pavements will be discussed.

Roofs to Roads: Benefits of Using Recycled Shingles in Asphalt Pavements

Jennifer Shriver, Boulder County

This presentation will discuss the environmental and economic benefits and engineering concerns as well as Colorado's progress in 2009 of this application.

Breakout Sessions

9:30 a.m. - 11:45 a.m.

Breakout Session - Room A

Construction Practices for Placement of Terminally Blended

Tire Rubber Asphalt (Permeable Friction Course) Materials

9:30-10:30 am

Bob Syme, Nolte & Associates

History of TBTRA work performed in the City of Colorado Springs since 2006. Construction practices showing the processing, testing and placement of the TBTRA material on various streets in Colorado Springs.

Maintenance of HMA Pavements

10:45-11:45 am

Tom Clayton, CAPA

This session will focus on the maintenance of asphalt pavements using various methods. Discussion items will include crack sealing, thin lift overlays, and more.

Breakout Session - Room B

Updates to MGPEC Pavement Design Standards, Methodology

and the PDesign Software

9:30-10:30 am

Dave Potter, City & County of Denver

A review of past updates as well as those in progress.

Endurablend™ Advanced Polymer Cement Slurry Surfacing System

10:45-11:45 am

Julie Christensen, Tensar

Endurablend™ is an advanced polymer cement slurry surfacing (PCSS) system that extends the service life of asphalt and concrete pavement surfaces. The unique molecular structure of the co-polymer resin in Endurablend™ PCSS System helps create a flexible and durable protective barrier over asphalt and concrete pavements addressing a wide range of surface distresses while providing a skid resistant surface for vehicular and aeronautical traffic. The Endurablend™ System exponentially extends the useful life of all types of transportation pavement surfaces.

Breakout Session - Room C

Advancements in Fiber Reinforced Concrete

9:30-10:30 am

Michael Carter, Propex Concrete Solutions

A presentation on the developments of steel fibers and high performance macro-polymeric fibers as an option to traditional rebar and wire sheets for reinforcement in concrete slabs. ASTM Specification, ACI design methodology, and applications will be discussed.

Thin Whitetopping Design and Construction

10:45-11:45 am

Jamie Johnson, PCA-RMCC
Jay Goldbaum, CDOT

In this class you will learn how to use CDOT's whitetopping thickness design equation, how long a whitetopping section will last, and how much traffic 6, 5 or 4-inch sections hold. We will also go over construction and design issues that have made whitetopping successful in Colorado. Free copies of the design program will be available.

Complimentary Lunch

Noon - 1:00 p.m.

Registration Form

Please register by
Thursday, April 1, 2010

There is no fee required but this form needs to be returned by fax or mail to:

MGPEC
c/o Pamela Weimer
6540 S. Tabor Street
Littleton, Colorado 80127
Phone / Fax: 303-979-2190

or e-mail your registration to
bdweimer@msn.com

- I will attend the morning session only
 I will attend the morning session & lunch

Please list all attendees:

Name

Name

Name

Organization

Phone

MONDAY, APRIL 5, 2010
CENTERPOINT
AURORA, COLORADO