

2006 Southeastern States Pavement Management and Design Conference

May 7 – 10, 2006
Panama City, Florida

Sponsored by:



Conference Presentations

Pavement Internet Sites

Conference Participants



Conference Presentations

❖ GENERAL SESSION

❖ PAVEMENT MANAGEMENT

❖ PAVEMENT DESIGN



General Session

❖ Accelerated Pavement Testing - Update

➤ Joe Mahoney, Ph.D., P.E. – Univ. of Washington

❖ National Pavement Warranty Summary

➤ Mr. Victor Gallivan, P.E. - FHWA Indiana Division



General Session

❖ Warranty – Past, Present and Future

➤ Mr. Greg Schiess, P.E. - FHWA Florida Division

❖ Arkansas' Interstate Rehabilitation Program

➤ Mr. Mark Evans, P.E. - Arkansas SHTD

General Session

❖ NCHRP 1-40J Project –MEPDG Update

- Mr. Gary Sharpe, P.E. – Palmer Engineering Company

❖ New Tools that Support Use of PMS in Engineering Applications

- Mr. Bruce Dietrich, P.E. – Florida DOT

General Session

❖ NCAT-Pavement Test Track Update

- Mr. Buzz Powell, Ph.D., P.E. – National Center for Asphalt Technology

❖ Challenges Faced by the Mississippi DOT after Hurricane Katrina

- Mr. Randy Battey, P.E. – Mississippi DOT

General Session

❖ Mississippi DOT's Implementation Plan for the MEPDG

➤ Mr. William Barstis, P.E. – Mississippi DOT

❖ Design Staging Issues – What have GDOT designers considered?

➤ Mr. Jason McCook, P.E. – Georgia DOT

General Session

❖ HMA Quiet Pavement Overview: Causes and Cures

- Mr. Mark Swanlund, P.E. – FHWA Office of Pavement Technology

❖ ISU-FHWA-ACPA Concrete Pavement Surface Characteristics Program

- Mr. Paul Wiegand, P.E. – National Concrete Pavement Technology Center



General Session

❖ Jointed Plain Concrete Pavement Case Study

➤ Mohamed Elfino, Ph.D., P.E. – Virginia DOT

❖ Florida DOT Pavement Materials Research Program

➤ Mr. Howie Moseley, P.E. – Florida DOT



Pavement Management

❖ QA Checking of PMS Condition Database

- Mrs. Ginger McGovern, P.E. and
William Dickinson – Oklahoma DOT

Mr.

❖ Louisiana DOTD Experience w/ PMS Implementation

- Mr. Said Ismail, P.E. – LADOTD and
Mr. Robert Piane - Deighton Associates LTD



Pavement Management

❖ Pavement Evaluation – Use of Combined Technology

- Kelvin Wang, Ph.D., P.E. – University of Arkansas

❖ Models for Predicting Reflection Cracking for HMA Pavement Overlays

- Robert Lytton, Ph.D., P.E. – Texas A&M University



Pavement Management

❖ The Effects of Comprehensive QA/QC Plan on PM

➤ Mr. Charles Larson, P.E. - Virginia DOT

❖ North Carolina DOT: Moving Towards a New PMS

➤ Ms. Mary Oppermann, P.E. - North Carolina DOT



Pavement Management

❖ Friction Testing: Florida State of the Practice

➤ Mr. Charles Holzschuher, P.E. – Florida DOT

❖ Mobile Retroreflectivity: Florida's Perspective

➤ Mr. Charles Holzschuher, P.E. – Florida DOT

Pavement Management

❖ Implementation of FL Cracking Model into MEPDG Framework

➤ Bjorn Birgisson, Ph.D. – University of Florida

❖ Update on GIS and PMS

➤ James Tsai, Ph.D., P.E. - Georgia Institute of Technology



Pavement Management

❖ Using Pavement Management Data to Calibrate and Validate the MEPDG

➤ Ronald Hudson, Ph.D., P.E. – AgileAssets Inc.

❖ South Carolina DOT Experience w/ PMS

➤ Mr. Tom Shea, P.E. – South Carolina DOT

Pavement Management

❖ Georgia Pavement Preservation History

➤ Mr. Eric Pitts, P.E. – Georgia DOT



Pavement Design

❖ Traffic in Pavement Design- Where We Stand w/ MEPDG

- Leslie A. Myers, Ph.D., P.E. – FHWA Office of Pavement Technology

❖ Overview of MEPDG Implementation Activities

- Leslie A. Myers, Ph.D., P.E. – FHWA Office of Pavement Technology

Pavement Design

❖ FHWA Asphalt Mixtures Expert Task Group

- Mr. John Bukowski, P.E. - FHWA Office of Pavement Technology

❖ New Methods in Asphalt QC/QA Testing

- Mr. Randy West, Ph.D., P.E. – National Center for Asphalt Technology

Pavement Design

❖ Friction Courses in the Southeast

- Mr. Don Watson, P.E. – National Center for Asphalt Technology

❖ Major Issues in the World of Asphalt in Florida

- Mr. Jim Musselman, P.E. – Florida DOT

Pavement Design

- ❖ Alternative HMA Characterization for M-E Pavement Rehabilitation Design
 - Geraldo Flintsch, Ph.D., P.E. – Virginia Tech
- ❖ Kentucky Concrete Pavement Forensic Analysis
 - Mr. Brad Rister, MSCE, P.E. – Kentucky Transportation Center

Pavement Design

❖ Florida US-27 Bonded Open Graded Friction Course

➤ Mr. Greg Sholar, P.E. – Florida DOT

❖ Full Depth Pavement Reclamation Project

➤ Mr. Dwane Lewis – Georgia DOT



Pavement Design

❖ Florida I-4 PCCP Reconstruction Project

- Messrs. Ron Chin and Patrick Stanford, P.E. – Florida DOT

❖ US-98 Erosion of Shoulders

- Mr. Marlon Holzbach, VMS, Inc.



Pavement Design

❖ Saw-cutting to Drain Asphalt Pavements

➤ Mr. Steve Pahnó – Georgia DOT

