

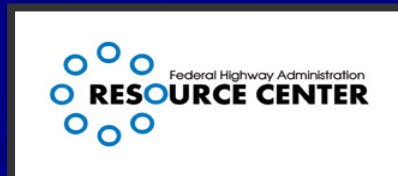
2005 Southeastern States Pavement Management and Design Conference

June 19 – 22, 2005
Savannah, Georgia



- Conference Presentations
- Pavement Internet Sites
- Conference Participants

Sponsored by:



Conference Presentations

- GENERAL SESSION

 - PAVEMENT DESIGN

 - PAVEMENT MANAGEMENT



General Session

- **Advancing Pavement Management and Design through Research**
 - Amir Hanna, Ph.D. – NCHRP
- **Mechanistic-Empirical Pavement Design Guide: Flexible Pavements**
 - Harold VonQuintus, Ph.D. - ARA / Transportation
- **Concrete Pavement in the Mechanistic-Empirical Pavement Design Guide**
 - Mike Darter, Ph.D. - ARA / Transportation

General Session

■ Concrete Pavement Preservation in Georgia

- Mr. Wouter Gulden, P.E. – American Concrete Pavement Association

■ NCAT-Pavement Test Track Update

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



General Session

- **Mechanistic-Empirical Pavement Design Guide: Status and Implementation**
 - Mr. Chris Wagner, P.E. – FHWA Resource Center
- **I-85 / I-95 PCC Rehabilitation Projects**
 - Andrew Johnson, Ph.D. – South Carolina DOT
- **Traffic Considerations in the M-E PDG, Equipment and LTPP Pooled Fund Study**
 - Mark Gardner, P.E. - FUGRO Consultants LP

Pavement Design

- **Mechanistic-Empirical Pavement Design Guide: Implementation**

- Harold VonQuintus, Ph.D. - ARA / Transportation

- **New Concrete Pavement Technologies**

- Mr. Sam Tyson, P.E. – FHWA Office of Pavement Technology

- **Quantifying the Effects of Polymer Modified Asphalts for Reducing Pavement Distress**

- Harold VonQuintus, Ph.D. - ARA / Transportation



Pavement Design

■ Perpetual Pavement Design

- David Newcomb, Ph.D. – National Asphalt Pavement Association

■ Long Life PCC Pavements

- Michael E. Ayers, Ph.D. – American Concrete Pavement Association

■ Development of Premium Pavement Designs: Field Investigation of High Performance Pavement in Virginia

- Gerardo Flintsch, Ph.D. – Virginia Tech University



Pavement Design

- Pavement Type Selection in Virginia
 - Mohamed Elfino, Ph.D. – Virginia DOT
- South Carolina DOT - Pavement Type Selection Process
 - Andrew Johnson, Ph.D. – South Carolina DOT
- Florida DOT - Pavement Type Selection Process
 - Mr. Bruce Dietrich, P.E. – Florida DOT

Pavement Design

- **Kentucky Transportation Cabinet - Pavement Type Selection**
 - Mr. John Dade, P.E. – Kentucky Transportation Cabinet
- **Georgia DOT - Pavement Type Selection Process**
 - Mr. Jason McCook, P.E. – Georgia DOT
- **Mechanistic-Empirical Pavement Design Guide: Rehabilitation Design**
 - Mr. Chris Wagner, P.E. – FHWA Resource Center

Pavement Design

- Perpetual Pavement Design: An Introduction to the PerROAD Software Program

- Mr. Gary Fitts, P.E. – Asphalt Institute

- Pavement Subgrade Design Value

- Mr. Richard Boudreau, P.E. – Accura Engineering & Consulting Services Inc.



Pavement Design

- **Detection of Stripping in HMA**

- Michael Hammons, Ph.D. - ARA / Transportation

- **Pavement Forensics: Route 3, Lancaster County, VA**

- Mohamed Elfino, Ph.D. - Virginia DOT



Pavement Management

■ Pavement Data Collection: Some Things Learned

■ Mr. Gaylord Cumberledge, P.E. - ARA / Transportation

■ Automated Distress Pavement Data Collection: Getting What you Need

■ Mr. Carl Mart, P.E. – Roadware DCL

■ Pavement Distress Survey Quality Control

■ Mr. Scott Mathison, P.E. – Pathway Services



Pavement Management

- Integrating and Sharing Transportation Data

- Mr. Robert Piane, P.E. – Deighton Associates LTD

- Data Collection, Management and Modeling Using GPS/GIS

- James Tsai, Ph.D. - Georgia Institute of Technology



Pavement Management

■ Automated Pavement Data Collection - QC/QA Practices

- Mrs. Katie Zimmerman, P.E. - Applied Pavement Technology Inc.

■ QC/QA of Long Term Pavement Performance Monitoring Data

- Mr. John Miller, P.E. – Terracon Consulting Engineers, Inc.

■ Data: Information or Just a Bunch of Numbers?

- James Burati, Ph.D. – Clemson University



Pavement Management

- **Effect of Number of AC Lifts on Road Surface Smoothness for Urban Roadways**
 - Mr. Wiley Cunagin, P.E. - ARA / Transportation Services
- **Laser Scanner: an Iowa DOT evaluation study**
 - Omar Smadi, Ph.D. - Iowa State University/CTRE

Pavement Management

■ Preventive Maintenance in Georgia

■ Mr. Eric Pitts, P.E. – Georgia DOT

■ Timing of Pavement Preservation Treatments

■ Mrs. Katie Zimmerman, P.E. - Applied Pavement Technology Inc.

■ Mobile GPS Data Collection for Infrastructure Management: A Case Study

■ Mr. Carl Mart, P.E. – Roadware DCL



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