Conference Presentations

- **GENERAL SESSION**
- **PAVEMENT DESIGN**
- **PAVEMENT MANAGEMENT**
General Session

Advancing Pavement Management and Design through Research
Amir Hanna, Ph.D. – NCHRP

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