COURSE AGENDA
MAXIMIZING PAVEMENT LIFE SEMINAR

Day 1 (8:00 am to 5:00 pm)

Welcome, Safety, & Introductions

Pavement Distress
- Identification
- Causes
- Cures

BREAK

Pavement Design
- Thickness Design
  - PaveXpress
  - PerRoad

LUNCH

- Materials Selection
  - Aggregates/Lift Thickness
  - Virgin Binder Selection
  - Recycled Binder

BREAK

- Mix Design Properties
  - Volumetrics
  - Performance Testing
  - Balanced Mix Design

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Day 2 (8:00 am to 5:00 pm)

Construction

- Pavement Layer Bonding
  - Bonding Materials
  - Application Rates
- Minimizing Segregation and Achieving Smoothness
  - Mix Production
  - Mix Delivery
  - Mix Placement

BREAK

- Maximizing Density
  - Impact on Pavement Life
  - Minimizing Permeability
  - Longitudinal Joints
  - New Equipment/Technology

LUNCH

Pavement Preservation

- Timely Maintenance
  - Overview
  - Reducing Oxidation
- Treatment Options

BREAK

- Network Optimization
  - Life Cycle Cost
  - Equivalent Annualized Cost
  - Remaining Service Life
  - Cost Benefit Value
  - Sustainability
  - Structural Calculator

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