Pavement Preservation: Current FHWA Activities

Northeast Pavement Preservation Partnership
Enfield, CT
October 20-23, 2008
Pavement Preservation Program Appraisals

- Conducted with FHWA / NCPP
- 38 (2 plan.) States so far
- Technical assistance opportunity
- Valuable field perspective for FHWA
- Action plan –
  - Research Roadmap
  - Policy/ Guidance
  - Training
FHWA Maintenance Field Manual

- FHWA Division Office guidance
- FHWA Engineers’ role in supporting:
  - Pavement preservation
  - Roadside maintenance
  - Traffic Operations
- Online document, detailed references
- Draft Early 2009
Preservation Qualification

- Based on TCCC Maintenance Core Curriculum
- Identifying training needs for qualification
  - Agencies
  - Contractors
- Evaluating existing materials
- Strategy for directing new training development
- Part of contractor qualification program
Infrastructure Management Curriculum and Training for University Professors

- Changing role of DOT’s
  - from new design/ construction to preservation and maintenance
- College programs don’t always address these needs for graduating engineers
- Professors may not have preservation / field background
- Converting existing materials for college format
- Professor “train-the-trainer”
NHI Pavement Preservation Training

- 131114 – Optimal Timing of Pavement Preservation Treatments (wb)
- 131115 – Preventive Maintenance Treatment, Timing, and Selection (il)
- 131103 – Design and Construction of Quality Preventive Maintenance Treatments (il)
- 131110 – Pavement Preservation Treatments (wb)
In Addition.....

- 131116 / 1116A: Pavement Management Systems: Characteristics of An Effective Program
  - 1 day or 1.5 day version
  - 1 lesson links PP to PM
  - Target audience more than PM engineering staff
  - Cost = Free (FY09)
Emulsions Technology Training

- Emulsions are the heart of many pavement preservation treatments
- Proper selection is critical to treatment performance
- Week-long training - target audience
  - Inspectors and program managers
  - Hands-on opportunity
- Development to begin early 2009
Maintenance Leadership Academy

- Designed for maintenance supervisors
- Six modules:
  - Maintenance Management/ Asset Management
  - System Preservation
  - Roadsides/ Drainage
  - Weather-related Operations
  - Safety/ Work zones
  - Environmental
Maintenance Leadership Academy

- Four weeks, blended learning
- Extensive resource library
- Completion: January 2009
- First presentation: Spring 2009
Thank You!

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