Pavement Preservation?

- What activities?
- Protect the investment
- Smooth out program
A Nationwide Look

- Appraisal – not review
- Program assistance/ identify trends
- Partnership of DOT and FHWA Division
- Facilitate self-evaluation
- “No risk”
- Conducted by NCPPP on behalf of FHWA
Process

- Pre-appraisal information
- Coordinate schedules and bureaus for visit
- Interviews and discussions
- Report / review
- Close-out
- Implementation and results
DOT Program Areas

- Business Process
- Planning and Programming
- Pavement Management Systems
- Preservation Treatments and Project Selection
- Program Implementation
- Performance Monitoring
- Materials and QA
- Training
- Research and Development
- Public and Legislative Relations
Interim Observations

- A recognized need for pavement preservation
- Many agencies in early stage of a preservation program
- Limited or poor experiences with many treatments
- Limited contractor base
- Great need for training and certification.
Observations (continued)

- Lack preservation program funding
- Need to expand public education / awareness
- Better tracking and PMS integration needed
- “Worst First” project selection paradigm can still exist
Preservation Appraisals Database

- Provide state appraisal results
- Identify national trends
- Comparison of state results to national or regional trends
Is the agency's pavement preservation program integrated into a comprehensive network strategy that includes major rehabilitation and reconstruction projects?

View the Comments for this Question
Is the rate of pavement deterioration considered within the agency's PMS?:

- Yes: 35%
- No: 65%
Does the agency’s PMS have the ability to account for pavement preservation strategies in terms of extended pavement life?:

- Yes: 18%
- No: 82%
How does the agency prioritize the projects for the pavement preservation program?

View the Comments for this Question
Have traffic volumes influenced the selection of certain pavement preservation treatments by the agency?:

View the Comments for this Question
Has the monetary value of avoided traffic delays associated with reduced work zone requirements for preservation projects been considered by the agency when evaluating the cost effectiveness of pavement preservation treatments?:

View the Comments for this Question
Do the agency's maintenance forces follow the Same QA/QC practices as rest of agency?:

View the Comments for this Question
From the agency's viewpoint, how receptive is the media (newspaper, radio and television) to bringing the preservation message to the public?:

View the Comments for this Question
What are the agency’s most immediate pavement preservation training needs and what specific employee disciplines need training?:

View the Comments for this Question

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<thead>
<tr>
<th>Training Need</th>
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What are the agency's most immediate research needs in pavement preservation?

View the Comments for this Question
Interim Observations – FHWA Action

- Preservation program implementation guidance
- Maintenance Manual
- RSL implementation
  - HQ support and policy framework
  - Implementation manual/ training
- Updated NHI training
Construction Program Evaluations

- New program for 2008+
- Focusing on construction concerns
- Scoping meeting summer 2008
- State DOT participation
- Ken Jacoby FHWA lead
Thanks!

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