NEW HAMPSHIRE

Pavement Preservation Activities and Challenges
Political Challenges

- Inadequate funding
  - Federal tax allocation decreasing
  - Last gas tax increase in 1991
- Public perceptions
- Road/tire noise
- Bicyclists
Technical Challenges

- New Data Collection Vehicle (1998)
  1. Need to collect better data

- Setting up and running the Pavement Management System.
  1. Contract with Deighton: Scheduled for approval on 12/11/07
  2. Balancing funding needs with Network Level of Service
  3. Identifying “Poor Performers” or RSL = 0
Technical Challenges

Defining subsection of Network that qualifies for Preservation

Chip seal on a poorly shaped road
Technical Challenges

Chip seal on a poorly shaped road
Technical Challenges

Keeping the contractor off of his own work

Microsurface shortly after lay-down
Technical Challenges
Selection of good preservation candidates

Snow plow chatter on Microsurface on a poorly shaped road
Technical Challenges

Scalping of Microsurface centerline area due to poorly shaped road
Administrative Challenges

- Making sure front office “gets it” on a network level. We must maintain what we have.
  - On a project level there still seems to be a focus on “Worst First” when selecting projects.
  - Don’t fully understand “preservation” concept.
- Coordination and communication with Maintenance Districts
Training Challenges

- Mastery of preservation treatments
- Finding viable preservation candidates & defining selection process
- Placement & maintenance of these treatments
- Materials selection
Contracting Challenges

- Limited preservation “tool box”
- Attracting new contractors with this capability
- Finding viable treatments & viable aggregate sources
- Relying on the contracting industry to clean up specs and differences in contractor philosophies/methods
2007 Preservation Activities

- Two microsurfacing contracts
- Crack sealing on Interstate and NHS highways; $2.6M
- Double chip seal on secondary road
2008 Proposed Activities

- Crack seal statewide
- Chip seal three road sections
- Considering microsurface project
The End
THANK YOU!

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