

**Coordination of Pavement  
Activities in the Northeast  
Summary of Work  
7/1/03 – 10/7/03**

**Presented at the Northeast Asphalt User/  
Producer Group Meeting  
Wilkes-Barre, PA October 25, 2003**



# Project Objectives

- Provide a focus to address pavement and pavement technology issues in the Northeastern United States.
- To distribute timely and cost-effective information on pavement issues.



# Six Major Project Areas

- **Management & Direction**
- **Coordination**
- **Website Management**
- **Library**
- **Newsletter**
- **Technology Transfer & Implementation**



# Management & Direction

- Advisory Panel established .
  - 1<sup>st</sup> meeting 8/14/03
  - Next Meeting 01/04 @ TRB
- Operating policies & procedures drafted & are being reviewed.
- Survey of pavement needs conducted.



# Coordination

- E-mail glitches ironed out.
- Reporting procedures put in-place.
- Exploring other means to have meeting  
i.e. video conferencing & TRB.



# Website Management

- Start review of existing websites
- Initiate activity on website by late 2003
- Prepare & implement an update schedule for the website



# Library

- Reference materials are being cataloged.
- Search engines and routines are being reviewed for our application



# Newsletter

- This activity will be folded into our website based on a review of associated costs.
- Review of existing newsletters will continue.





# Technology Transfer & Implementation

- Work has been significantly reduced in this area until the pavement needs survey is finalized and accepted.



# Conduct of Needs Survey

- Each state transportation agency was contacted.
- The agency representative arranged a meeting with CTI staff in their home state.



# Categories of Needs

- The Pavement Needs were classified by the Agency into the following areas:
  - Paving
  - Design
  - Management
  - Other



# Needs Rating

- Rated H, M, L or No by Agency staff.
- Combined into a composite rating.
- 42 Transportation Professionals were interviewed.
- They represent: 10 transportation Agencies



# Paving

- $Q_c/Q_a$  – for Acceptance of Binder, Pavement, etc.
- Long Term Performance of Pavements (SuperPave, Standard Pavements & Treatments).
- SuperPave – System Modifications
- Assessment of HMA Longitudinal Joints.



# Design

- Training in the 2002 Design Guide
- Permeability of HMA Pavements
- Design of Thin-Lift Sections
- Applicability of 2002 Guide Results in N.E.



# Management

- Integration of Existing Databases
- Use of PM Databases to Determine Long Term Pavement Performance
- Integrity of Contractor Supplied Data
- Long Term Performance of Modified Binders



# Other

- Lack of Qualified Staff
- Loss of Qualified Staff
- Clearinghouse for State DOT Pavement Activities
- Synopses of Completed Research & Implementation Potential





# Next Steps

- Using the ratings analyze the data
- Combining needs where possible
- Review relevant work
- Develop report recommending the consensus needs
- Solicit agency review of the draft report
- Finalize the needs survey



- *Lights On – Please*

- *Any Questions or Comments*

