

Foundation for

January 12, 2006

**Northeast States Pavement Preservation
Partnership (NEPPPP) Meeting**

Pavement Preservation

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- ◆ Dave Geiger, *Director, FHWA Office of Asset Management, Ex Officio Member*

FP2 Vision, Mission, Objective

- ◆ Vision
- ◆ Provide resources to advance knowledge for managing and preserving pavements

FP2 Vision, Mission, Objective

- ◆ Mission
- ◆ Continuously improve quality and understanding of pavement preservation technologies through education, ~~research~~, public-private partnering, international exchange

FP2 Vision, Mission, Objective

- ◆ Objective
- ◆ Support research to educate public, government and industry in the economic, safety, and performance advantages of pavement preservation

Where We Started

- ◆ Conceived by the ISSA in 1991
 - ISSA Education and Research Foundation Committee
- ◆ Established in 1992
 - Foundation for Pavement Rehabilitation and Maintenance Research "FPRMR"
- ◆ By 1993 research projects were underway
 - First meeting with FHWA
- ◆ By 1995
 - Associations & Industry support started coming in
 - FHWA began collaborating

Where We've Been

- ◆ In 1997 things started happening
- ◆ Established a “letter of understanding” with FHWA.
- ◆ Participate in FHWA Expert Task Group
- ◆ Provided organization and management of Forum for the Future, 1998, 2001
- ◆ Ad Hoc membership on AASHTO Subcommittee on Maintenance

Where We've Been

- ◆ Changed name to Foundation for Pavement Preservation (FP²)
- ◆ Conducted Pavement Preservation seminars, workshops nationwide.
- ◆ Actively involved with TRB, AASHTO, and FHWA to initiate research on PP.
- ◆ Completed 2 videos "Protecting Our Pavements, Treatment Selection".

Where We've Been

- ◆ Participated in the development of 4 National Highway Institute training courses in Pavement Preservation
 - ◆ Concepts
 - ◆ Selection
 - ◆ Design and Construction
 - ◆ Integration of PP with Pavement Management

Where We Are

- ◆ Providing Seed Money for FHWA/AASHTO Pooled fund study: “Microsurfacing/Slurry Seal Mix Design”, Now a Pool Fund Project Managed by Caltrans.
- ◆ Managing a National Binder/Sealer Study.
- ◆ Delivering Workshops & Tool Boxes on Pavement Preservation.
- ◆ Maintain a web site: www.fp2.org
- ◆ Initiated Awards & Recognition Program.

AASHTO Maintenance Subcommittee

- ◆ Adopted several resolutions to support and implement pavement preservation strategies.
- ◆ Submitted several problem statements for research that have resulted into projects.
- ◆ Pavement Preservation Demonstration projects July 2002.

PAVEMENT PRESERVATION:

The Right Fix at the Right Time



Asphalt

Philosophy of Pavement Preservation

In-Place Recycling

The Magazine of the
Asphalt Institute
Fall 2003
Vol. 18, No. 2

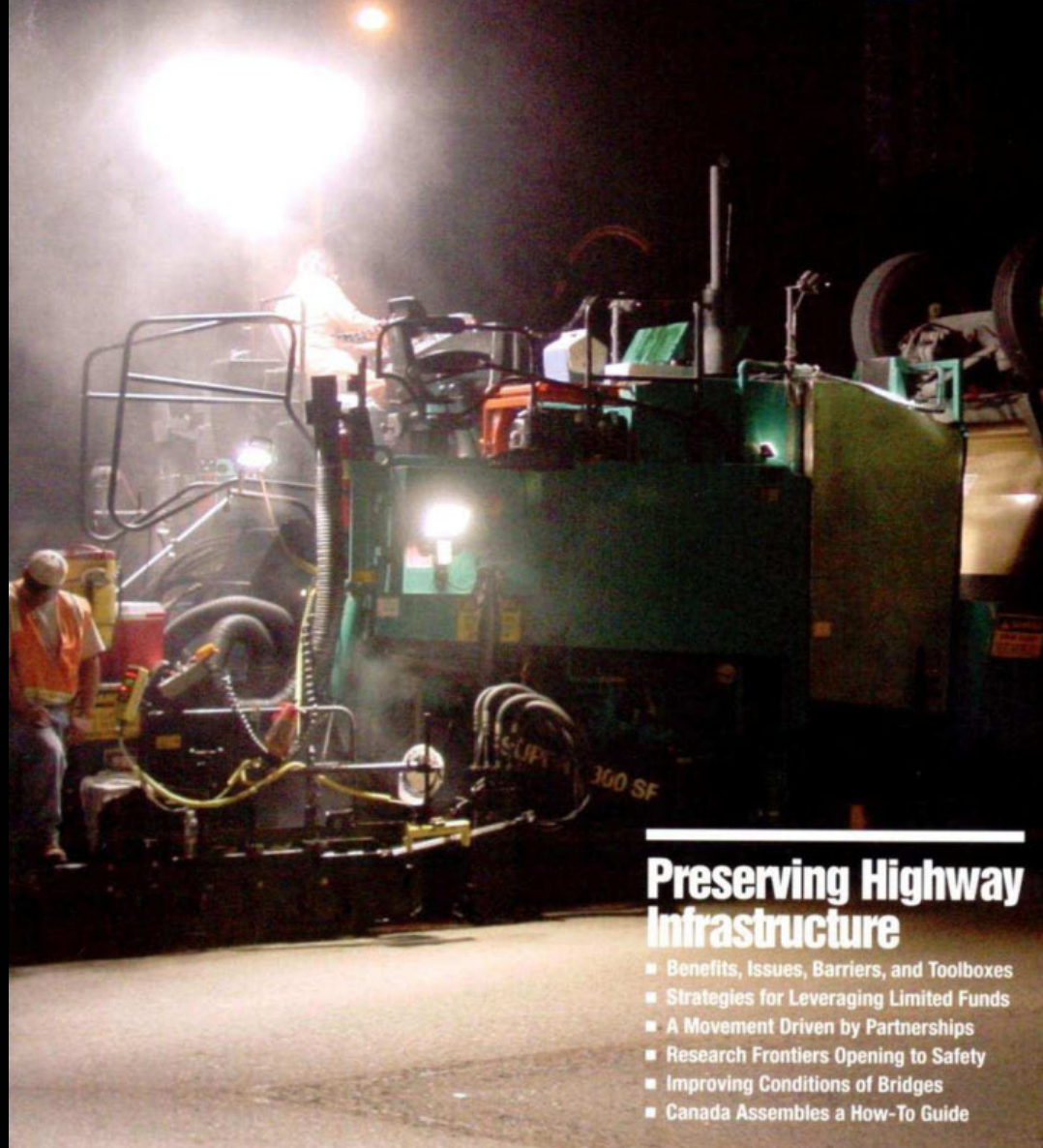


ASPHALT INSTITUTE

SEPTEMBER–OCTOBER 2003
NUMBER 228

TRANSPORTATION RESEARCH BOARD
OF THE NATIONAL ACADEMIES

TR NEWS



Preserving Highway Infrastructure

- Benefits, Issues, Barriers, and Toolboxes
- Strategies for Leveraging Limited Funds
- A Movement Driven by Partnerships
- Research Frontiers Opening to Safety
- Improving Conditions of Bridges
- Canada Assembles a How-To Guide



Ribbon Cutting on Demo's

GASB 34

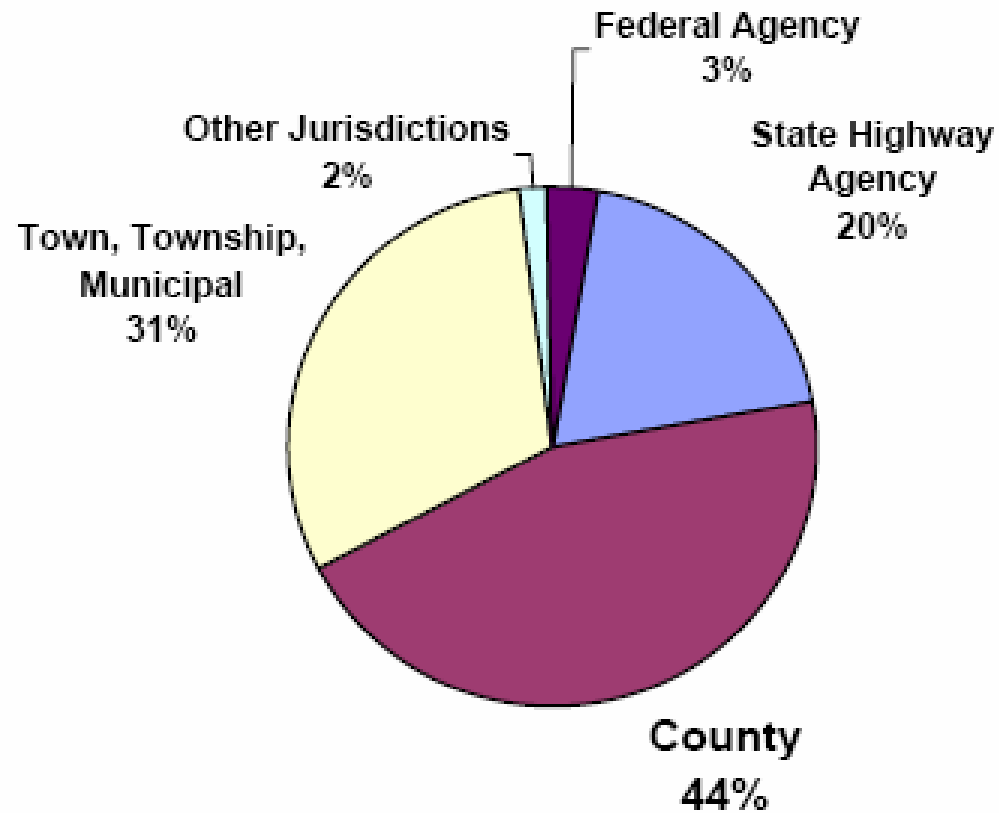
- ◆ Cities and Counties can realize significant financial benefit through Asset (Pavement) management.
- ◆ Pavement Preservation practices defer the depreciation of road assets and strengthen an agencies balance sheet.
- ◆ We have not even started to scratch the surface in this arena.

U.S. Public Road Ownership (Centerline Miles)

<http://www.fhwa.dot.gov/chip/bc01/wlc/bm10.xls>

(9-2-02, SEM - UHAM-20)

U.S. Public Road Ownership



State Highway Agency

County

Town, Township, Municipal

Other Jurisdictions

Federal Agency

National Center for Pavement Preservation NCPP

- ◆ Established by Michigan State University and FP² to lead collaborative efforts among government, industry, and academia in the advancement of pavement preservation.
- ◆ Founded July 11, 2003 , the NCPP is the realization of a collective national vision of pavement practitioners, policy-makers and industry.

Benefits of Establishing a Partnership

- ◆ Reduction of Duplicate Effort - States should have uniform or consistent specifications, performance standards, training, and certification programs.
- ◆ Partnering to Exchange Ideas - Collaboration in a partnership is an effective way to learn what works or doesn't work and to share innovation and new technologies.

Benefits of Establishing a Partnership

- ◆ Partnering to Accelerate Implementation of Preservation Programs - Peer exchange among state and local agencies to identify common R&D and training needs. Shared goals mean shared expenses.

What Can We Do Together?

- ◆ Regional Groups are Key to Advancing Pavement Preservation
- ◆ FP2 Can Serve as a Conduit for Industry to National and Regional Groups
- ◆ Cooperatively Conduct Seminars, Meetings and Demonstrations
- ◆ Reduce Duplication of Efforts

What Can We Do Together?

- ◆ Agencies Need Solutions to Pavement Preservation Challenges
- ◆ Industry Thrives on Development
- ◆ FP² Facilitates the Interaction Between Agency and Industry



Thank You