

# Pavements Working Group



# 2013 Work Plan Accomplishments

- ✓ Sustain high level of maintenance interest and involvement in the area of System Preservation.
- ✓ Promote the Transportation System Preservation Technical Services Program. (TSP<sup>2</sup>)
- ✓ Assist in the development and implementation of performance measures that can be effectively utilized by member agencies and to meet the requirements of MAP-21.
- ✓ Support the expansion of Regional Pavement Preservation Partnerships.
- ✓ Assist in the implementation and reviews of the 2008 Pavement Preservation Roadmap, and in the development of an updated roadmap with the AASHTO TSP2 Program.

# 2013 Work Plan Accomplishments

- ✓ Review TRB/NCHRP Completed Research for possible publication as AASHTO Manuals.
- ✓ Assist in the implementation of SHRP-2 products that are useful to pavement preservation and maintenance, especially R-26 and R-23.
- Enhance the Internal Communications of the PTWG by: expanding the membership list; improving the e-mail address list; and conducting quarterly telephone conference calls and/or webinars.
- Work to confirm and enhance the linkage of pavement preservation activities to overall crash reductions in comparison to traditional rehabilitation and reconstruction activities.

# 2013 Work Plan Accomplishments

- ✓ Support the development and promotion of life cycle assessment methodologies that demonstrate the environmental-friendliness and sustainability benefits of pavement preservation techniques and strategies.
- Work to develop a guideline that will uniformly define the Remaining Service Life (RSL) of zero for use by our member agencies.

# 2014 Work Plan

- Sustain high level of maintenance interest and involvement in the area of Transportation System Preservation.
- Continue to promote the Transportation System Preservation Technical Services Program (TSP<sup>2</sup>) to AASHTO members.
- Support the expansion of Regional Pavement Preservation Partnerships to include more local public agencies, LTAP Centers, and MPOs.
- Enhance the Internal Communications of the PTWG by: expanding the membership list; improving the e-mail address list; and conducting two telephone conference calls and/or webinars involving roundtable discussions for the members. (September, December)

# 2014 Work Plan

- Focus Areas – Research

- Assist in the implementation and reviews of the 2008 Pavement Preservation Roadmap, and in the development of an updated roadmap with the AASHTO TSP2 Program.
- Review TRB/NCHRP Completed Research for possible publication as AASHTO Manuals or presentations in a series of “Pavement Preservation Book Club” webinars.
- Assist in the implementation of SHRP-2 products that are useful to pavement preservation and maintenance, especially R-26 and R-23.
- Work to quantify the contributions of pavement preservation to safety and risk-based asset management programs.

# 2014 Work Plan

- Focus Areas - Workforce Development
  - Support the efforts of the Transportation Curriculum Coordination Council (TC3) and other groups in the development of training and certification programs for the designs, specifications, construction, and inspection of pavement preservation technologies.

# 2014 Work Plan

- Focus Areas - Performance Measures
  - Assist in the development and implementation of useful and meaningful performance measures that can be used to meet AASHTO members pavement preservation program needs and enhance members ability to communicate the benefits of pavement preservation.
  - Work to develop a guideline that will uniformly define the Remaining Service Life (RSL) of zero for use by our member agencies.
- Focus Areas – Environment
  - Support the development and promotion of life cycle assessment methodologies that demonstrate the environmental-friendliness and sustainability benefits of pavement preservation techniques and strategies.



# Research

- Proposed Topics for Environmental Excellence Work plan – none submitted
- Research Implementation Recommendations
  - ***2011 14-24 Communicating the Value of Preservation: A Playbook – NCHRP 742***
  - Other Published Reports to be reviewed this year.
  - Interim Reports deferred until published.
- New Research Problem Statements

# Research

- **New Research Problem Statements:**

1. Condition Based and Non-Condition Based Triggers for the Placement of Thin Surface Treatments Used in Pavement Preservation.

NCHRP Synthesis

2. Manufacture, Selection, Application and Performance of Asphalt Emulsion Treatments for Use in Highway Pavement Preservation Treatments.

NCHRP Synthesis

3. Defining Comparable Pavement Cracking Data

# Proposed Resolutions

1. Expressing AASHTO Concerns with the USDOJ/USDOT Technical Assistance Agreement on Pavement Alteration Definitions.
2. Formalizing the Organizational Relationships Between the TSP2 Bridge and Pavement Regional Preservation Partnerships and SCOM.  
(Joint Resolution from PTWG and BTWG)