

Pavement Technical Working Group

AASHTO Standing Committee on Highways, Subcommittee on Maintenance

Tuesday, July 24, 2018 - 10:00 am to 12:00 pm

Charlotte, NC



Anita Bush, Nevada DOT – Chair

Scott Capps, North Carolina DOT – Vice Chair

Heath Patterson, Mississippi DOT – Vice Chair

Jason Dietz- FHWA Liaison

Today's Agenda

Please Sign Attendance Sheet

PTWG Annual Business Meeting

- Completed Research - Implementation
- 2019 Work Plan
- 2019 Research Problem Statements
- 2019 Resolutions
- Roundtable updates from FHWA, industry and academia (2-3 minutes each, 20 minutes total)

Technical Presentations

- Online Asphalt Emulsion Certificate Program – Andrew Braham, University of AR (20 minutes)
- AASHTO Standards for materials and design on chip seals and microsurfacing – Jim Multhrop, FPP (20 minutes)
- Pavement preservation certification update – Judith Corley - Lay, NCPP (20 minutes)

2019 Research Needs Completed Research Implementation

2018 Work Plan - Top 5

- Support efforts to quantify the contributions of pavement preservation to safety programs.
- Support efforts to quantify the contributions of pavement preservation/ maintenance to risk-based asset management programs.
- Support the development of Contractor and Agency Pavement Preservation Treatments Certificate Programs.
- Support TC3 and other groups in the development of various training and certification programs.
- Pavement Preservation Book Club

Additional 2019 Work Plan Goals (1/3)

- Promote the use of Pavement Preservation Treatments that improve surface characteristics as a tool to reduce crashes.
- Identify best practices for maintaining rumble strips/stripes when applying pavement preservation treatments.
- Assist in identifying and promoting Performance Measures to support AASHTO members' pavement preservation program decisions.
- Assist in the development and promotion of Pavement Preservation Life Cycle Assessment methodologies that consider the environmental effects.
- Review the products of FHWA's Sustainable Pavements Program.

Additional 2019 Work Plan Goals (2/3)

- Promote the Transportation System Preservation Technical Services Program (TSP2) to AASHTO members.
- Enhance internal communications of the PTWG: expand membership and e-mail list; and conduct conference calls and/or webinars involving roundtable discussions for members and industry.
- Conduct webinars to report out results of completed research, promote and support implementation.
- Promote the value of maintenance and successful strategies.
- Reach out and educate the stakeholders.

Additional 2019 Work Plan Goals (3/3)

- Review TRB/NCHRP Completed Research for possible publication as AASHTO Manuals or presentations in a series of “Pavement Preservation Book Club” webinars.
- Assist in implementation of SHRP-2 products that are useful to pavement preservation and maintenance.
- Support the Pavement Preservation Expert Task Group.
- Encourage Pavement Preservation Partnerships to provide funding for representatives to attend SCOM annual meeting.

2019 Research Problem Statements

<u>RESEARCH TOPICS</u>	-	<u>RANK</u>
	-	<u>FINAL</u>
Highway Network Alternatives to Determining High Stress Pavement Safety Hotspots		26
PCCP Joint Sealing Practices & Performance		25
Guide Construction Specifications for Cold In-Place Recycling (CIR) and Cold Central Plant Recycling		21
Guidelines for Incorporating Maintenance Costs into a TAMP		21
Benefit Cost Analysis of Chip Seal Binder Alternatives		16

2019 Resolutions

- Proposed Topics from PTWG Membership

Roundtable Updates

- FHWA
- PPETG
- TSP2
- FP2
- Industry
- Academia
- Members

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NEXT MEETING



Wednesday – 10:30 am to 12:00 pm

Symphony III