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
Todays 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)

Adjourn at 12:00 pm
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

<table>
<thead>
<tr>
<th>RESEARCH TOPICS</th>
<th>RANK</th>
</tr>
</thead>
<tbody>
<tr>
<td>Highway Network Alternatives to Determining High Stress Pavement Safety Hotspots</td>
<td>26</td>
</tr>
<tr>
<td>PCCP Joint Sealing Practices &amp; Performance</td>
<td>25</td>
</tr>
<tr>
<td>Guide Construction Specifications for Cold In-Place Recycling (CIR) and Cold Central Plant Recycling</td>
<td>21</td>
</tr>
<tr>
<td>Guidelines for Incorporating Maintenance Costs into a TAMP</td>
<td>21</td>
</tr>
<tr>
<td>Benefit Cost Analysis of Chip Seal Binder Alternatives</td>
<td>16</td>
</tr>
</tbody>
</table>
2019 Resolutions

• Proposed Topics from PTWG Membership
Roundtable Updates

• FHWA
• PPETG
• TSP2
• FP2
• Industry
• Academia
• Members
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)
Pavement Technical Working Group

NEXT MEETING

Wednesday – 10:30 am to 12:00 pm

Symphony III