What is the RMWPPP?

• Partnership of regional state and local agencies, industry, suppliers, consultants, and academia.
• Promote best practices in Pavement Preservation
Technical Services Program (TSP·2)

- Disseminate information to AASHTO member agencies for preserving both pavements and bridges.
- Up-to-date information on efficient and effective preservation measures that enhance highway performance and extend useful life.
National Industry Members

- BASF Corporation
- BioBased Spray Systems, LLC
- Colas Solutions, Inc.
- Collaborative Aggregates, LLC
- Convergent Concrete/Advan
- Crafco, Inc.
- CTS Cement Manufacturing
- Deighton Associates, Ltd.
- Ergon Asphalt & Emulsions, Inc.
- Fibrecrete Technologies, LLC
- Forta Corporation
- FP2, Inc.

- Fugro Roadware, Inc.
- International Grooving & Grinding
- National Asphalt Paving Association
- Pathway Services, Inc.
- Pavement Technology, Inc.
- Unique Paving Materials Corporation
- Uretek USA, Inc.
- Wright Asphalt Products Co.
Regional Industry Members

- Applied Pavement Technology, Inc.
- Bergkamp, Inc.
- Blue Line Transportation
- Dustrol, Inc.
- Intermountain
- Collaborative Aggregates, LLC
- Intermountain
- Mandli Communications, Inc.
- Maxwell Products, Inc.
- Penhall Company
- The Fort Miller Co., Inc.
- SealMaster Boise
- VSS International, Inc.
- Western States Asphalt
- Zydex, Inc.
Seattle RMWPPP Conference Attendance

RMWPPP 2017 Attendees
153 total

- Industry, 78, 51%
- State/Federal, 36, 23%
- Local Agency, 35, 23%
- University, 4, 3%
RMWPPP Web Page

Rocky Mountain West (RMWPPP)

Constituents
The Rocky Mountain West Pavement Preservation Partnership (RMWPPP) is comprised of representatives from regional state and local highway agencies, provincial transport agencies, industry, suppliers, consultants, and academia. Any interested agency, organization, company, or group may join and participate in the activities of this Partnership by contributing funds to the American Association of State Highway and Transportation Officials (AASHTO), or by paying fees to attend the annual workshop and conference.

Mission and Objectives
The Partnership seeks to develop sound pavement investment programs to gain infrastructure and operational efficiencies and satisfy the reporting requirements of GASB 34.

While some states have developed preventive maintenance programs as a key step in preserving their pavement investment and extending their serviceability with cost effective preservation treatments, other states could benefit from a sharing of the knowledge gained from this experience. Such a partnership would develop sound preservation practices by a beneficial sharing of information on treatment designs, construction practices, performance measures, and research needs.

The Partnership’s Vision Statement, Mission Statement, and Objectives may be found in the Partnership’s By-Laws.
On-Line Meeting Summary
### Video and Powerpoint Library

**Chip Seals**

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<tr>
<th>Presentation Title</th>
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<td>Best Practices with Chip Seals</td>
<td>Scott Shuler</td>
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<td>Montana's Seal Coat Warranty</td>
<td>Bill Fogarty</td>
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<td>Emulsion Task Force (ETF) Chip Seal update</td>
<td>Gary Hicks</td>
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<td>Chip Seal and Microsurfacing Practices in the Midwest</td>
<td>Brian Cox</td>
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<td>Bruce Batzer</td>
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<td>Hot and Cold Modified Applied Chip Seals</td>
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<td>Bullet-proof Chip Seals</td>
<td>Scott Shuler</td>
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<td>Manual for Emulsion-Based Chip Seals for Pavement Preservation</td>
<td>Scott Shuler</td>
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<td>The Rebirth of Chip Sealing in Minnesota</td>
<td>Roger Olson &amp; Arlis Kadrmas</td>
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**Micro Surfacing & Slurry Seals**

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<tr>
<td>Newest Advancements in Slurry Seals &amp; Micro Surfacing</td>
<td>Scott Metcalf</td>
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<td>Emulsion Scrub Seals</td>
<td>Doug Olsen</td>
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<td>Emulsion Task Force (ETF) Micro Surfacing</td>
<td>Jim Moulthrop</td>
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<td>Summary of NCHRP Synthesis on Microsurfacing</td>
<td>Rusty Price</td>
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<td>Slurry/Microsurface - Mix Design Procedure</td>
<td>Jim Moulthrop</td>
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FHWA Pocket Guides

Smartphone Apps & Mobile Friendly HTML:
- Apple App
- Mobile Friendly HTML

Pavement Preservation Checklist Series

1. Crack Seal Application
2. Chip Seal Application
3. Thin Hot-Mix Asphalt Overlay
4. Fog Seal Application
5. Microsurfacing
6. Joint Sealing
7. Diamond Grinding of Portland Cement Concrete Pavements
8. Dust-Free Brooming for Portland Cement Concrete Pavements
9. Partial-Depth Repair of Portland Cement Concrete Pavements
10. Full-Depth Repair of Portland Cement Concrete Pavements
11. Hot In-Place Asphalt Recycling Application
12. Cold In-Place Asphalt Recycling Application
13. Slurry Seal Application
14. Interlayer Application
Special Provisions
Research Roadmap Database

Pavement Performance

<table>
<thead>
<tr>
<th>SHA-TX</th>
<th>Agency</th>
<th>Title</th>
<th>URL</th>
<th>Primary Author</th>
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<tr>
<td></td>
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<td>New Laboratory Design Tools and Field Performance Monitoring Equipment for Permeable Friction Courses</td>
<td><a href="http://hlt.tamu.edu/documents/6-6741-P1.pdf">Link</a></td>
<td>Scullion, Tom</td>
<td>Texas Department of Transportation</td>
<td>2016-03-01</td>
<td>Asphalt rubber, field tests, friction course, laboratory tests, mix design, pavement performance, porous pavements, test procedures, test sections, Texas</td>
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| SHA-IA |             | Investigation of Determination of Joints in Concrete Pavements: Field Study of Penetrating Sealers | [Link](http://db.iit.edu/cgi/viewcontent.cgi?article=11950&context=trans_reports) | Sutter, Lawrence L | Iowa Department of Transportation | 2016-03-01  | Before and after studies, concrete pavements, deterioration, evaluation and assessment, joint sealers, laboratory studies, pavement joints, permeability |

| SHA-MN |             | Investigation of Performance Requirements of Full-Depth Reclation Stabilization | [Link](http://www.dot.state.ia.us/research/8/T2018/20800.pdf) | Le, Jia-Liang | Minnesota Department of Transportation | 2016-03-01  | Full-depth reclamation, laboratory tests, mechanical properties, mechanistic-empirical pavement design guidelines, MIPPAVE, parametric analysis, pavement performance, rutting, simulation |

| SHA-FL |             | Understanding Mechanisms of Revealing to Extend Open Graded Friction Course (OGFC) Service Life | [Link](http://www.dot.state.fl.us/research-center/Completed_FlyerSummary_SMDOT-8DR74-577-04.pdf) | Arambula-Mercado, Edm | Florida Department of Transportation | 2016-03-01  | Binder content, durability, finite element method, Florida, friction course, laboratory tests, moisture damage, pavement performance, service life, stripping (pavements) |

| SHA-NV |             | Laboratory Evaluation of Thin Asphalt Concrete overlays for Pavement Preservation | [Link](http://www.dot.state.nv.us/research-center/Completed_FlyerSummary_SMDOT-8DR74-577-04.pdf) | Haj, Elia Y | Nevada Department of Transportation | 2016-02-26  | Binder content, costs, evaluation and assessment, hot mix asphalt, laboratory studies, mix design, Nevada, overlays (pavements), pavement performance, pavement preservation |
How to Become Involved?

Rocky Mountain West (RMWPPP)

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Prospective Members
Prospective members should contact the National Center for Pavement Preservation (NCP) by telephone at 517-432-8220 or by e-mail at ncpp@egr.msu.edu
Thanks for Inviting Me!

John Coplantz, P.E.
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Pavement Management Engineer
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