

# **2014 Task Force Reports**

for

**Task Force # 1**

**“New Products and Processes”**

**Task Force # 2**

**“Preservation Product  
Performance Evaluations”**

Committee Chair – Colin Durante

# Task Force 1

## “New Products and Processes”

### Work Scope:

- 1. Collect new product / process data from agencies.**
- 2. Develop a procedure.**

### Deliverable Products / Expected Completion:

- 1. All States have new product submittal process.**
- 2. States have varying methods to implement trial use of new products and processes.**

## 1. Does the agency have a new product submittal process?

ALL AGENCIES HAD SOME TYPE OF NEW PRODUCT SUBMITTAL PROCESS

## 2. Does the agency allow for use of sole source or proprietary products?

ALL AGENCIES HAD CONDITIONS THAT ALLOWED SOLE SOURCE OR PROPRIETARY PRODUCTS.

| <b>Task Force 1 - "New Products and Processes"</b> |  |   |   |
|--|--|---|---|
|  | <b>Has New Product Submittal Process</b> | <b>Allows Sole Source or Proprietary Products</b> | <b>Notes</b>  |
| Missouri DOT                                       | Y  | Y   | <i>Must meet certain criteria, including FHWA guidelines</i>  |
| Manitoba DOT                                       | Y  | Y   | <i>Will determine if other DOTs are using it, then will conduct field evaluation</i>                        |
| Minnesota DOT                                      | Y  | Y   | <i>Per FHWA guidelines</i>  |
| South Dakota DOT                                   | Y  | Y   | <i>Per FHWA guidelines</i>  |
| Iowa DOT   | Y  | Y   | <i>For experimental application and with usage of generic specifications to allow competitive bids</i>      |
| North Dakota DOT                                   | Y  | Y   | <i>For trial or experimental basis and/or when product is available from only one source.</i>               |
| Indiana DOT  | Y  | Y   | <i>Requires approval of the Commissioner and if Federal funds are used must comply with FHWA guidelines</i> |
| Michigan DOT                                       | Y  | Y   | <i>Use generic specifications that do not specifically call out a sole source.</i>                          |

# Only four responding agencies advised they had a formal process in place to evaluate performance of preservation products or processes.

| Task Force 2 - "Preservation Product Performance Evaluations" |   |   |
|---|---|---|
|   | Has Process for Evaluating Performance of Preservation Products and Processes | NOTES   |
| Missouri DOT  | N   | <i>MoDOT has had a measure in place on the cost of chip seals by MoDOT forces and by contract. This measure will be modified in January of 2013 to track the performance as well as cost of chips seals as well as other pavement preservation techniques.</i>                        |
| Manitoba DOT  | Y   | <i>Each treatment has different performance criteria. Does not have a formal process yet for some of our pavement preservation treatments and products. Manitoba plans to create a Pavement Preservation Guidelines Manual within the next year</i>                                   |
| Minnesota DOT   | ?   | <i>Measuring both the performance and cost effectiveness has proven to be very difficult. Results (pavements) take a long time to show how treatments are extending the service life. We are starting to get more data. Much work remains to be done.</i>                             |
| South Dakota DOT  | N   | <i>South Dakota does not have a formal process to evaluate pavement preservation treatments, however our Pavement Management System does track performance and conditions of our system on a yearly basis so these treatments performance can be tracked and evaluated if needed.</i> |
| Iowa DOT  | N   | <i>The Iowa DOT does not currently have a specific evaluation process for pavement preservation procedures. The DOT is in the very early stages of discussing how we might evaluate preservation processes so we can assign a "benefit value" to the different treatments.</i>        |
| North Dakota DOT  | Y   | <i>For the most part, pavement preservation processes are evaluated anecdotally in the field. If a district tries a microsurfacing project, and they notice a benefit, they will likely continue to utilize that treatment, at that time in the pavement cycle, in the future.</i>    |
| Indiana DOT   | Y   | <i>Uses 3 Year evaluation plan set up for random jobs of various treatment types</i>  |
| Michigan DOT  | Y   | <i>Uses "ASSHTO Research Protocol for Pavement Preservation"</i>  |

Task Force 2  
**"Preservation Product Performance  
Evaluations"**

**Work Scope:**

1. **Research current reporting methods.**

**Deliverable Products / Expected Completion:**

1. **Uniform reporting method to evaluate the results of pavement preservation products and processes. In turn, their continued use will be more easily justified. [Sept. 2014]**

# AASHTO PRODUCT EVALUATION LIST

THE VOICE OF TRANSPORTATION

Wednesday, August 29, 2012

AASHTO: The Voice of Transportation Search:

**MY APEL LOGIN**

E-Mail Address:

Password:

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## AASHTO Product Evaluation List Management System

Welcome to the AASHTO Product Evaluation List (APEL) web site. This site provides a repository consisting of findings from the evaluation and testing of new and/or proprietary, engineered transportation products.



**My APEL** - Please select My APEL to access your APEL account specific information. Vendors can select My APEL to access information regarding products that you have submitted for evaluation or certification. Agencies can select My APEL to upload information for products that you have certified.



**Completed Evaluations** - Please select Completed Evaluations to see the complete list of product evaluations handled by APEL.



**Certified Products** - Please select Certified Products to see the list of certified products handled by APEL.

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- HOME
  - MY APEL
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  - CERTIFIED PRODUCTS
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**APEL System has the potential as a repository for State DOT findings on trial use of new products and processes**

**APEL is forming an advisory committee to assist in system improvements. The committee will be comprised of volunteer's from State DOT'S**

# General Information

- Only states can upload products
- States can have 1 or multiple users
- Multiple states can upload certifications about the same product
- Multiple files can be attached
- Search engine is easy to use
- APEL Coordinator: Evan Rothblatt,  
[erothblatt@ashto.org](mailto:erothblatt@ashto.org), Tel: 202-624-3648



# TASK FORCE RECOMENDATION

- **MPPP Agencies elect to use APEL to post new and or proprietary products with evaluations**
- **Vendors may be required to post new products or processes to APEL for evaluation**
- **Task Force to continue to work with APEL to develop a procedure for recording product performance for use by all MPPP member Agencies**