

TSP•2 Update

Northeast Pavement Preservation Partnership Meeting
Annapolis, Maryland
April 29, 2013



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Director, National Center for Pavement Preservation



NATIONAL PAVEMENT PRESERVATION CONFERENCE

AUGUST 27-30, 2012 | NASHVILLE, TN

**ROAD TRIP:
DRIVING THE MESSAGE FOR CHANGE**



Registered Conference Delegates = 552

Field Demo Attendees = 370

Treatments Demonstrated

Live = 5

Pre-placed = 16

Exhibitor Displays = 47

Technical Sessions



Pavement Preservation Ribbon Cutting



Demo Site

Concrete Display
Diamond Grinding
Longitudinal Grooving
Dowel Bar Retrofit
Saw & Seal
Compression Sealant

Equipment Display
Roadtec & Wirtgen

Crack Seal Display

Pavecoat

Liquid Road

TRMSS

Gilsonite

Scrub Seal

Skidbrader & Reclamate Seal

Micro Surface

Pass Fog Seal

Chip Seal

Fiber Mat

Live Demonstrations



Live Demonstrations



Live Demonstrations



Pre-Placed Demonstrations



TSP•2 Website Improvements

TSP•2 Website



AASHTO TSP•2 Oversight Panel

Panel Member	Representing
John Barton, Texas DOT, Chair	Standing Committee on Highways
Jennifer P. Brandenburg, NC DOT, Vice Chair	Subcommittee on Maintenance (SCOM)
Gregg Freeby, Texas DOT, Vice Chair	Subcommittee on Bridges & Structures
Peter J. Weykamp, New York State DOT	Region 1 – NASTO (SCOM)
Eric C. Pitts, Georgia DOT	Region 2 – SASHTO (SCOM)
Nancy Albright, Kentucky TC	Region 3 – MAASTO (SCOM)
Lloyd Neeley, Utah DOT	Region 4 – WASHTO (SCOM)
Bruce V. Johnson, Oregon DOT	Subcommittee on Bridges & Structures
Judith Corley-Lay, NC DOT	Subcommittee on Design
Colin Franco, Rhode Island DOT	Subcommittee on Materials
Barton Newton, California DOT	Subcommittee on Bridges & Structures
Vacant	Subcommittee on Trans Asset Mgmt.
Erle Potter, Virginia DOT	Equipment Management TSP
Butch Wlaschin, FHWA	FHWA Liaison

New Opportunities for Special Activities

1. A Regional Partnership may apply for a small grant
 - a. Work such as a demo, synthesis, training, or develop a specification, guideline, or publication.
 - b. Amount of funding determined by the TSP•2 Oversight Committee. (up to \$5,000/region)
 - c. Matching funds required from partnership.
 - d. Projects with national scope, cross-cutting over all regions will be given higher priority.

Special Activities

2. Application Process for Special Activities

- a. May be submitted at any time
- b. Collected June 1 for ranking and selection by the TSP•2 Oversight Panel
- c. Approved projects may be initiated July 1

Special Activities

3. Progress Reporting

- a. An Oversight Panel Liaison will be assigned to project
- b. TSP•2 Staff and the Oversight Panel Liaison will monitor progress
- c. Report progress quarterly to TSP•2 Oversight Panel

New Opportunities

4. Linking Partnerships

- a. Expenses paid for one state representative from each regional partnership to attend another TSP•2 regional partnership meeting.
- b. A presentation will be made at the host partnership meeting.
- c. A formal report on subjects of interest will be made to the home partnership upon return.

2013 Partnership Meetings



Southeast: May 29-31
San Antonio, Texas



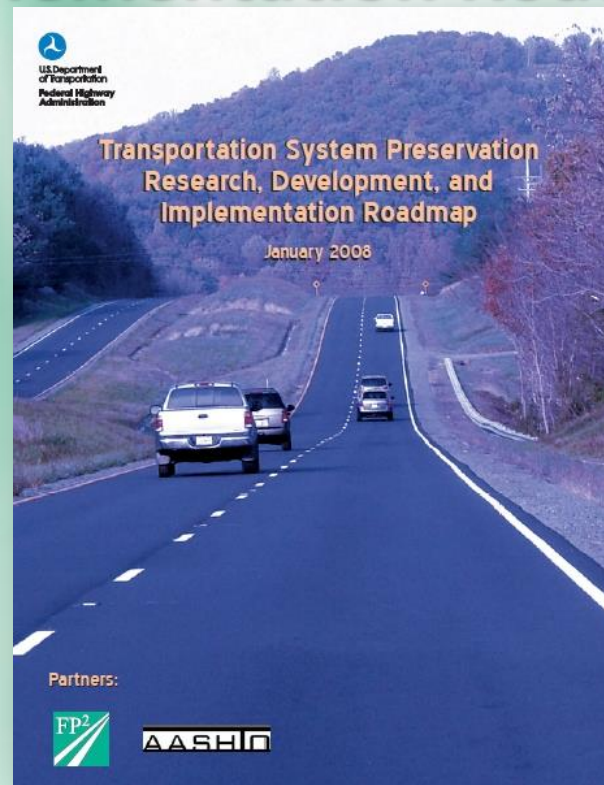
Rocky Mountain West: October 7-9
Anchorage, Alaska



Midwestern: November 11-13
Indianapolis, Indiana

National Pavement Preservation Conference
September 26 – 30, 2016
Nashville, TN

Updating Transportation System Preservation Research, Development, and Implementation Roadmap



Background

- Peer-reviewed White Papers:

Pavement Preservation	Bridge Preservation
<ul style="list-style-type: none">• Asset Management• Design• Construction• Materials• Contracting Methods• Performance	<ul style="list-style-type: none">• Asset Management• Decks and Joints• Superstructures• Substructures• Project Selection• Performance

- Roadmap → Framework → Strategic Approach

- Roadmap → 38 Pavement & 25 Bridge R&D Problem Statements

The Project Addresses These Problems

- **After Roadmap was Developed → Undocumented Research Results**
- **Lack of Coordination → Duplication → Waste of Resources**

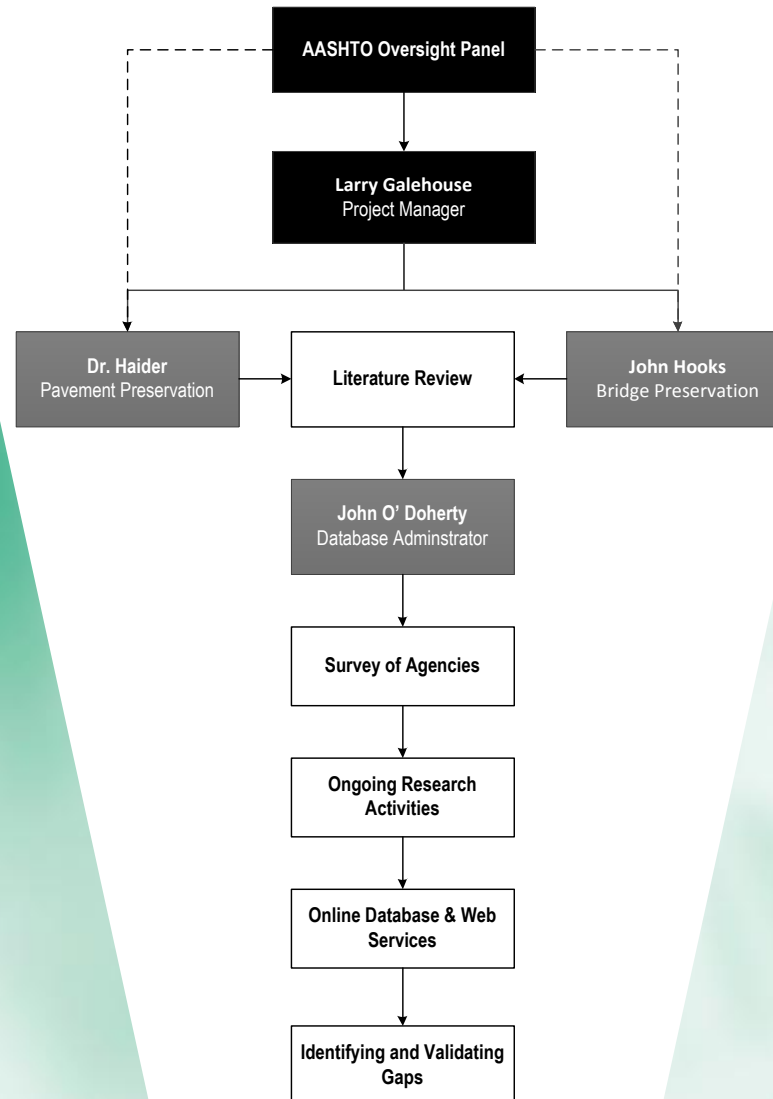
Project Objectives

- **Update / Expand Roadmap**
 - *Identify and Document R&D Preservation Projects*
- **Identify Gaps**
 - *Roadmap Strategies & Problem Statements*
- **Online Database**
 - *Develop / Maintain / Update*
 - *Users Search / Contribute Updates*

Project Tasks

1. Literature Review
2. Survey of Agencies
3. Identification of Ongoing Research Activities
4. Development & Maintenance of Web Site
5. Identification & Validation the Research Need Gaps

Project Team



Project Timeline

Task No.	Description of the task	Year 1												Year 2												Year 3											
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36
1	Literature review	█						█						█																							
2	Survey of agencies	█						█						█																							
3	Ongoing research activities	█						█						█																							
4	Development and Maintenance of Web site	█						█						█																							
5	Identifying and Validating the Research Need Gaps	█						█						█																							
Deliverables				S		S,P		S		S,P		S		S,P		S		S,P		S		S,P		S		S,P		S		S,P		S		S,P			

Note: S = Status report, P=Progress report

Start Date
November 15, 2012

Questions ?

MICHIGAN STATE
UNIVERSITY



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