

A black and white photograph of a large concrete bridge structure, showing the underside of the bridge deck and a support pier. The bridge spans a body of water, with a shoreline and trees visible in the background.

AASHTO TSP-2-Bridge

First Year Accomplishments

AASHTO 2011 NEBPP Meeting
Saratoga Springs, New York

September 28th, 2011

Ed Welch, P.E.

AASHTO
THE VOICE OF TRANSPORTATION

TSP-2
Transportation System Preservation
Technical Services Program

Program Background

- **2005: Approved by AASHTO BOD**
Oversight Panel Established - Chaired by
SCOH member (John Barton, TXDOT)
- **2007: Pavement Preservation**
Partnerships Established
- **2010: Bridge Preservation Expansion**
launched (Complete Program)

Program Background

- **Pavement and Bridge Components funded through annual voluntary contribution of \$20K**
- **Financially supported by 78% of states**
- **Contribution includes travel costs to partnership meetings for states**
- **Partnerships offer the opportunity for agency, industry and academic membership and engagement**

Bridge Program Objectives

- **Support and expand on the activities of the AASHTO SCOM and SCOBS**
- **Network Bridge Preservation issues on a Regional and National Basis**
- **Meet critical need for Technology Transfer**
- **Avoid duplication of effort by bridge groups**
- **“One Stop Shop” for Bridge Preservation**

First Year Priorities

- **Establish Regional Bridge Preservation Partnerships and conduct initial meetings**
- **Upgrade the TSP-2 Website to incorporate the bridge component**
- **Provide technical assistance to member agencies (help desk, tech transfer, reference library etc)**

First Year Accomplishments

- Website for Bridge Launched
- Bridge Preservation literature added to the on-line library
- Reviewed, Commented and Supported FHWA BPETG effort to develop consensus BP definition
- Established Partnerships in each region of the country
- Held initial conferences for all four partnerships

First Year Accomplishments

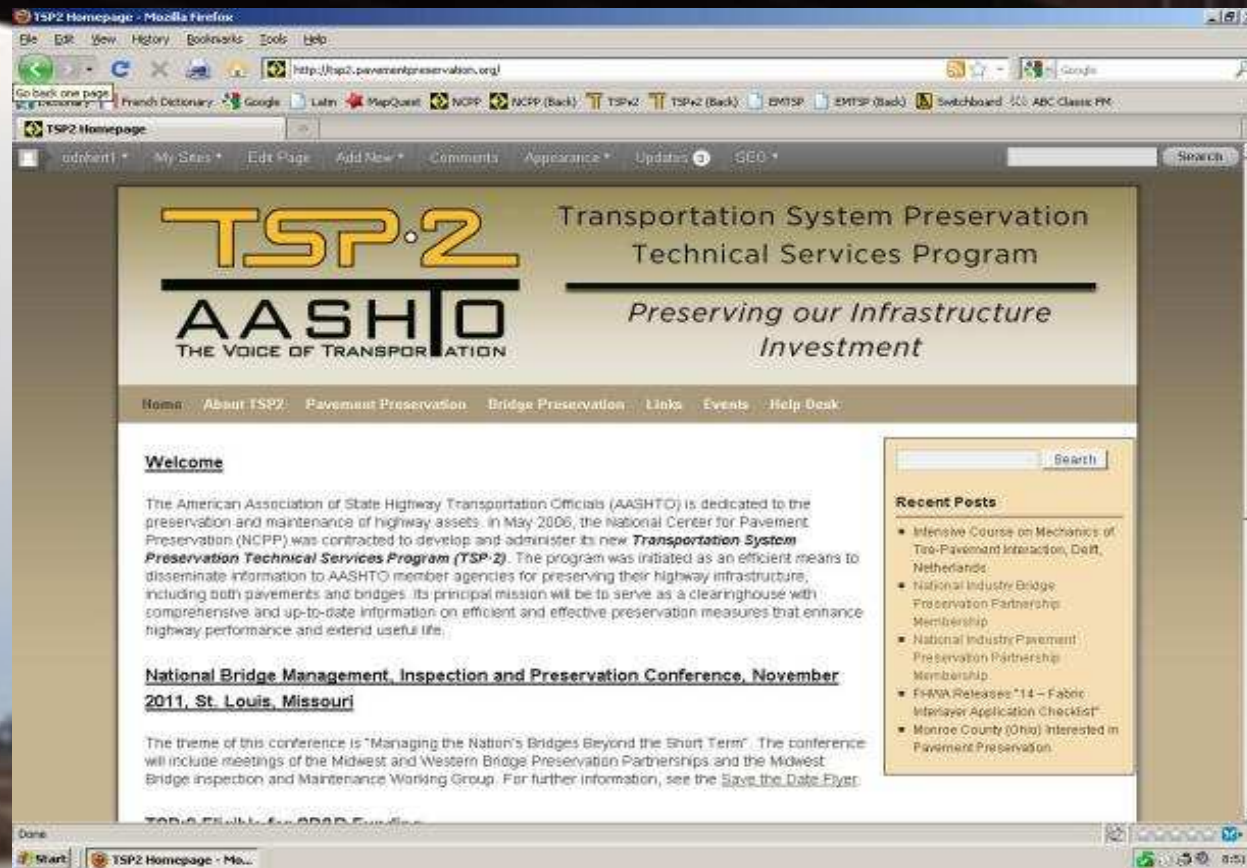
- All partnership meetings digitally recorded and posted on website
- 94% of state DOT's present at the four partnership meetings
- FHWA provided supplemental support
- Bylaws adopted, Directors and officers elected
- Initial Work Plans adopted, Teleconferences held

First Year Accomplishments

Partnership meetings by the numbers:

- **SEBPP** - Orlando 92 attendees,
12 industry exhibitors
- **NEBPP** - Hartford 87 attendees,
10 industry exhibitors
- **MWBPP** - Detroit 82 attendees,
11 exhibitors
- **WBPP** - Sacramento 85 attendees,
13 exhibitors

Program Highlights for 2011



Upgrade
website
New Look
&
More
flexible
platform

Program Highlights for 2011

- **SEBPP - April 2011 in Raleigh. Nearly 150 participants. 12/13 States, 22 Exhibitors**
- **National Industry Memberships offered - 24 have joined so far**
- **FHWA/AASHTO/MWBWG sponsored National BMIP Conference in St. Louis**
- **MWBPP and WBPP meetings to be held in conjunction with the National conference**

NATIONAL BRIDGE MANAGEMENT, INSPECTION AND PRESERVATION CONFERENCE

St. Louis, Missouri

October 31–November 4, 2011

MANAGING THE NATION'S BRIDGES

BEYOND THE SHORT TERM



FHWA

In conjunction with

AASHTO TSP-2

**Midwest Bridge Preservation Partnership Meeting
Western Bridge Preservation Partnership Meeting**

and

Midwest Bridge Inspection and Maintenance Working Group

Millennium Hotel—Downtown St. Louis

For Information, call 517-432-8220
or visit www.TSP2.org/bridge

**Builds upon the Successful
2007 FHWA National Bridge Preservation Workshop**

Separate Management, Inspection & Preservation Tracks

Joint Plenary Technical Sessions

Effective Use of Bridge Management Systems

Making the Case for Bridge Preservation

Next Generation Bridge Inspection

Optional Preconference Workshops

AASHTO
THE NATIONAL ASSOCIATION OF
STATE HIGHWAY TRANSPORTATION OFFICIALS
TSP-2



U.S. Department of Transportation
Federal Highway Administration



Program Highlights for 2011

- **Facilitate monthly webinars with partnerships to track progress on Work Plan Action Items**
- **Close coordination with FHWA BPETG, SCOBS, SCOM on action items**

Bridge Preservation Hot Topics

- **Bridge Preservation Definition**
- **Integration of AASHTO CoRe Elements into the bridge inspection process (condition based)**
- **Development of meaningful performance measures, e.g. health index, RSL**
- **Funding- use of HBP and other sources**

Bridge Preservation Hot Topics

- **Quantifying the benefits of preservation treatments**
 - ✓ **Measuring life extension**
 - ✓ **Impact of preservation on deterioration models**
- **Testing, evaluating and deploying new materials**
- **Development of a BP “Tool Box”**
- **Communicating the benefits of bridge preservation**

BRIDGE PRESERVATION NATIONAL ACTION ITEMS

Action Items	Organization				
	SEBPP	NEBPP	MWBPP	WBPP	BPETG
Performance Measures	✓		✓		✓
Public Awareness/Marketing	✓	✓			✓
Research	✓	✓		✓	✓
Specifications & Materials	✓				✓
Toolbox, & Best Practices	✓		✓	✓	✓
Website Development	✓	✓			
Definitions	✓	✓	✓		✓
Maintenance Contracting		✓			
2011 Meeting Planning	✓	✓	✓	✓	
Local Agency Outreach			✓		
Monitor BP Laws, Regs, & Policies					✓
BP as Applied Asset Management					✓
Streamline Analysis & Data Presentation					✓
Work Force Training & Development					✓

BRIDGE PRESERVATION - NATIONAL ACTION ITEMS

Action Items

Organization

SEBPP

NEBPP

MWBPP

WBPP

BPETG

Performance Measures	Jim Edgerton Jedgerton@AgileAssets.com		Dave Juntunen juntunend@michigan.gov		Dave Juntunen juntunend@michigan.gov
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Streamline Analysis & Data Presentation					Paul Jensen pjensen@mt.gov
Work Force Training & Development					Siva Venugopalan Siva@SivaCorrosion.com

BRIDGE PRESERVATION - NATIONAL ACTION ITEMS

Action Items

Organization

BPETG Short
Term

BPETG Long Term

TRB AHD000

SCOBST9

SCOMBPTWG

ARTFA

Performance Measures

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Toolbox, & Best Practices

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Maintenance Contracting

2011 Meeting Planning

Local Agency Outreach

Monitor BP Laws, Regs, & Policies

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BP as Applied Asset Mangement

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Questions?

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