AASHTO TSP-2-Bridge

First Year Accomplishments

AASHTO SCOBS Meeting

May 19, 2011 – Norfolk, VA
Ed Welch, P.E.
Program Background

➢ 2005: Approved by AASHTO BOD
   Oversight Panel Established - Chaired by SCOH member (John Barton, TXDOT)

➢ 2006: Pavement Preservation Technical Services launched (Website, Help Desk)

➢ 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 72% of states
- Contribution includes travel costs to partnership meetings for states
- Partnerships offer unique opportunity for agency, industry and academic membership and engagement
Bridge Program Objectives

- Support and expand on the activities of the AASHTO SCOM and SCOBS
- Engage a broader group of state practitioners, industry and academics
- 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
- Supported FHWA BPETG effort to develop consensus BP definition
- Partnerships established 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 represented at the four partnership meetings
- FHWA provided supplemental funding
- Partnership bylaws adopted, Directors and officers elected
- Initial Work Plans adopted
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

Transportation System Preservation Technical Services Program
Preserving our Infrastructure Investment

Welcome

The American Association of State Highway Transportation Officials (AASHTO) is dedicated to the preservation and maintenance of highway assets. In May 2000, the National Center for Pavement Preservation (NCP) was contracted to develop and administer its new Transportation System Preservation Technical Services Program (TSP-2). The program was initiated as an efficient means to disseminate information to AASHTO member agencies for preserving their highway infrastructure, including both pavements and bridges. Its principal mission will be to serve as a clearinghouse with comprehensive and up-to-date information on efficient and effective preservation measures that enhance highway performance and extend useful life.

National Bridge Management, Inspection and Preservation Conference, November 2011, St. Louis, Missouri

The theme of this conference is “Managing the Nation’s Bridges Beyond the Short Term”. The conference will include meetings of the Midwest and Western Bridge Preservation Partnerships and the Midwest Bridge Inspection and Maintenance Working Group. For further information, see the Save the Date Flyer.

TSP-2 Eligible for CDBG Funding
Program Highlights for 2011

- SEBPP - April 2011 in Raleigh. Nearly 150 participants. 12/13 States, 22 Exhibitors
- National Industry Memberships offered - 14 have joined so far
- FHWA/AASHTO/MWBWG sponsored National BMIP Conference in St. Louis
- MWBPP and WBPP meetings to be held in conjunction with 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
Program Highlights for 2011

- Digitally record all conferences
- NEBPP meeting to be held in Saratoga Springs, NY- Sept. 28-30
- 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
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Questions?

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