

TSP-2/Bridge Update

SCOM-BTWG

July 20, 2015

Ed Welch,
NCPP@MSU

The Bridge Partnerships are:

- Engaged during Peer Exchanges
- Showing Industry Virtual Demonstrations
- Working on the Research Roadmap
- Including Technical Tours
- Developing National Working Groups
- New Member Orientation Lunches

What's going on in 2015?



TSP-2
AASHTO
THE VOICE OF TRANSPORTATION

**Transportation System Preservation
Technical Services Program**

Bridge Preservation

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What is Bridge Preservation

Bridge Preservation is "actions or strategies that prevent, delay or reduce deterioration of bridges or bridge elements, restore the function of existing bridges, keep bridges in good condition and extend their life." Source: AASHTO Board of Directors, Policy Resolution PR-3-11, October 17, 2011.



Midwest
Bridge Preservation Partnership

[MWBPP](#)




Northeast
Bridge Preservation Partnership

[NEBPP](#)



Southeast
Bridge Preservation Partnership

[SEBPP](#)



Western
Bridge Preservation Partnership

[WBPP](#)

National Bridge Industry Members

AASHTO Program Invoices, Receipts, and FHWA's SP&R Waiver Letter



[2014-2015 Program Invoices](#)



[2014-2015 Program Receipts](#)

[FHWA's SP&R Waiver Letter \(.pdf\)](#)

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Upcoming Partnership Meetings

- [2015 SEBPP \[2015-Apr-\(13-15\)\]](#)
- [2015 WBPP \[2015-May-\(18-20\)\]](#)
- [2015 NEBPP \[2015-Sep-\(09-11\)\]](#)
- [2015 MWBPP \[2015-Sep/Oct-\(30-02\)\]](#)

TSP-2 News

Bridge Preservation Blog

Technical Exchange

27 Bridge Working Groups in the Four Regions

Bridge Painting
Deterioration Modeling
Scour
Performance Specification
Outreach to Local Agencies
Deck Treatments
Systematic Preventive Maintenance (SPM)
Bridge Washing
Preservation Matrix
Deck Joint Repair
Beam End Treatments
Deck Overlays and Protection
Bridge Preservation Campaign
Corrosion Mitigation
Communicating the Benefits of Bridge Preservation Research
Regional Specifications & Product Evaluation Database
Structural Health Monitoring

Four National Working Groups:

- National Coatings Working Group
- National Deck Working Group
- National Performance Specifications Working Group
- National Social Media Working Group

- ✓ Blog
- ✓ Facebook
- Twitter
- ✓ LinkedIn
- You Tube
- ✓ TSP-2 Website



**Bridge Preservation
Blog**

Transportation System Preservation Technical Services Program

Bridge Preservation Blog

“A Conversation About Bridge Preservation”

Communicating the Value of Bridge Preservation

Posted on February 23, 2015 by John O'Doherty — No Comments ↓

Author: Ed Welch, NCPP-Bridge Preservation Engineer

Perspective of: Dick Dunne, Director of Structural Engineering services, Michael Baker, Inc.

Dick is the former NJDOT Bridge Engineer and brings both an Owner and Consultant perspective to this topic.

Dick's **Key Points** on Communicating the Value of Bridge Preservation:

1. **Dick's involvement:** Every chance I get, I communicate in general terms with Owners, and fellow Consultants the need for Bridge Preservation.
2. **Looking at both sides:** I feel that with quality based selection of consultant bids for Bridge Preservation Contracts is the answer for better quality of contract documents and project outcome. It captures the real needs of the owner. In other words: You must properly compensate a quality consultant for quality work. Don't consider a Bridge Preservation Contract insignificant. They are the key to the most effective fiscal management.
3. **Today:** TSP2 has made a great start in a short time. NHI Web Based training is an effective option. TRB AHD37 is a great move forward for Bridge Preservation Research. AASHTO SCOM T 8 and SCOM BRTWG are terrific avenues in the bridge community.



TSP.2

Transportation System Preservation Technical Services Program

AASHTO

THE VOICE OF TRANSPORTATION

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2015 Meetings

- **SEBPP: April 13-15, Montgomery AL**
- **WBPP: May 18-20, Portland Oregon**
- **NEBPP: September 9-11, Manchester, NH**
- **MWBPP: Sept 30 - Oct 2, Kansas City, MO**

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Challenge:

We need to keep the three legs to the stool
strong:

**TSP-2 (AASHTO), BPETG(FHWA) &
AHD37(TRB)**



AASHTO

TRB

TRANSPORTATION RESEARCH BOARD
OF THE NATIONAL ACADEMIES

What' Next?

- **Get Municipalities & Canadian Provinces Involved.**
- **Small Research Projects.**
- **2016 Meetings: Texas, Utah, Pennsylvania & TBD**
- **Research Roadmap Support & Development**
- **The Working Groups are our Focus Areas**

Questions:

- ?
- ?

Thank You

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