TSP-2/Bridge Update

Presentation to SCOBS General Session

April 22, 2015

Dave Juntunen for Ed Welch
What's going on in 2015?
27 Bridge Working Groups in the Four Regions

Outreach to Local Agencies  Bridge Painting  Deterioration Modeling  Scour  Performance Specification

Bridge Washing  Deck Treatments

Preservation Matrix  Deck Joint Repair  Systematic Preventive Maintenance (SPM)  Beam End Treatments

Deck Overlays and Protection  Communicating the Benefits of Bridge Preservation Campaign  Bridge Preservation Research  Corrosion Mitigation

Structural Health Monitoring  Regional Specifications & Product Evaluation Database
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

Southeast Bridge Preservation Partnership April 23-25 Atlanta, GA
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. N-Hi Web Based training is an effective option. TRB AHD37 is a great move forward for Bridge Preservation Research. AASHTO SCOM T-8 and SCOM RP4WG are terrific avenues in the bridge community.
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.
Sharing Technology

• Technology Exchange

• Technology Transfer Initiative (TTI)
  - This initiative is in the interest of sharing new Technology for the Pavement, Bridge and Equipment Preservation Communities.
  - Demonstrations will be generic, focusing on the technology not a particular product.
  - Initiation of a demonstration will be proposed to NCPP by the Industry for approval.
  - The Program will be facilitated by Independent third party Consultant.
  - This is not a technical testing program. It is a Field Demonstration in the Interest of sharing technology.
  - Documented Field Demonstrations and owner evaluations of product performance will be the Program Deliverables.
  - Sharing of Demonstrations results will be posted on TSP-2 Website, and presented at Regional and National Conferences.
  - Consultant costs will be assumed by Industry. Other costs will be prearranged.
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Midwest
Bridge Preservation Partnership

Northeast
Bridge Preservation Partnership

Southeast
Bridge Preservation Partnership

Western
Bridge Preservation Partnership

MWBPP
NEBPP
SEBPP
WBPP

National Bridge Industry Members

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

AASHTO 2014-2015 Program Invoices
AASHTO 2014-2015 Program Receipts
FHWA's SP&R Waiver Letter (.pdf)

TSP2 Home Page
TSP2 Bridge Search
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)]

TSP2 News
Bridge Preservation Blog
Technical Exchange
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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National Bridge Industry Members

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

FHWA’s SP&R Waiver Letter (pdf)
Challenge: We need to keep the three legs to the stool strong:
AASHTO-TSP2, FHWA-BPETG & TRB-AHD37
Thank You

Questions: