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?
27 Bridge Working Groups in the Four Regions

Outreach to Local Agencies
Bridge Washing
Preservation Matrix
Deck Overlays and Protection
Communicating the Benefits of Bridge Preservation
Structural Health Monitoring

Bridge Painting
Deck Treatments
Systematic Preventive Maintenance (SPM)
Deck Joint Repair
Beam End Treatments

Deterioration Modeling
Scour
Performance Specification

Bridge Preservation Research
Corrosion Mitigation
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
✓ LinkedIn
✓ You Tube
✓ TSP-2 Website
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. NII Web Based training is an effective option. TRB AHD37 is a great move forward for Bridge Preservation Research. AASHTO SCOM T-8 and SCOM RPTWG 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.
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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)
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