

SEBPP

Bridge Preservation Update

SEBPP

WBPP

NEBPP

MWBPP

April 2-4, 2013



BRIDGE PRESERVATION

02-08-2017 10:28

2012 Partnership Meetings

Site	Attendees	Exhibitors
SEBPP -Atlanta, GA:	163	36
WBPP- Vancouver, WA :	110	35
NEBPP- Newport, RI :	118	39
MWBPP- Council Bluffs, IA: (Local Participation: 12)	140	33

SE Working Groups

Bridge Painting

- Developing a Painting Cost Analysis Tool
- Survey best practices in Maintenance Painting and future needs

Bridge Preservation Performance Measures

- Seeking examples from SE States & input from ongoing national activities

Specifications & Materials

- Requesting states to provide relevant specifications

Website Development

- Supporting developments by NCPP of tsp2.org

Bridge Deck Preservation

- Work & Coordinate with other Regional Working Groups

Western Working Groups

Bridge Preservation Activities Matrix

- Bridge specific; similar to auto maintenance and service manuals;
- Assist in future decisions for maintenance / preservation work; include:
 - List of cyclical and preventive actions for maintaining & extending bridge life
 - Suggested products to use, and those originally applied to the structure.
 - Appropriate action / strategic intervals
 - Cost of inaction

Deck Treatments

- Develop a Matrix of Products with specifications and attributes, noting State usage with some form of rating.

Western Working Groups

Qualifying a Systematic Preventive Maintenance Program

- Identify Western states with SMPs qualified for FHWA funding
- Identify states that have not been able to qualify their programs for FHWA funds and assist them in developed a qualified program.
- Incorporating a MAP21 perspective.

NE Working Groups

Deck Overlays & Protection

- Development of a Matrix. Communicate nationally

Deck Joint Repair

- Develop examples of innovative methods & best practices

Beam End Treatments

- Share practices and details

Bridge Washing

- Funding, permitting & environmental issues

Preservation Friendly Design

- Details and best practices

MW Working Groups

Outreach & Promote Bridge Preservation to Local Agencies:

- MI Bridge Conference, CRAM, & TAMC in Michigan
- Ask other MWBPP states for suggestions on reaching local agency groups
- Include FHWA, NACE, & APWA in this outreach/& promotion
- Attempt to increase attendance of locals and groups at the Annual Meeting – possible attendance funding?

Preservation Matrix

- Identify Bridge Preservation techniques where they excel and provide networking and contact information for others
- Identify the top five bridge preservation strategies that would benefit most



**BRIDGE
PRESERVATION
AHEAD**

02-03-2017 10:24

AHEAD:

- Further development of Regional Partnerships (100% participation)
- Define and Promote Research Needs
- Promote Municipal awareness & involve LTAP's, Counties, Cities & Towns
- Public Awareness (Environment, Performance Measures, Right Actions) NCHRP 14-24
“Communicating the value of Preservation”
- tsp2.org: Easier, Video Indexing, Shared Training,
- Joint National Initiatives(Data Bases: Decks, Mtls, Paint)
- Bridge Preservation Performance Specification
- Industry Organization and Involvement: Define Their Part

Upcoming Meetings 2013

- SEBPP (April 2-4, Norfolk, VA),
- WBPP (May 8-10, Coronado, CA)
- SCOBS (June 16-20, Portland, OR)
- SCOM (July 20-25, Burlington, VT)
- NEBPP (September 23-25, Portland, ME)
- MWBPP (November 11-13, Indianapolis, IN)

2014

- Natl. Br. Mtg. (April 21-25, Orlando, FL)

Questions?

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SEBPP

Paint Working Group Survey

April 2-4, 2013

Bridge Painting Practices Survey

- One of the main objectives of the Southeast Bridge Preservation Partnership (SEBPP) Steel Bridge Painting Group (SBPG) is to develop and/or promote the adoption of best practices in steel bridge maintenance painting projects as they relate to:
 - Evaluation of in situ bridge coatings
 - Surface preparation
 - Coating selection
 - Application
 - Field Inspection
 - Remedial actions to extend coating surface life
- With that said, the SBPG is canvassing the Southeast States to identify relevant bridge painting information as related to the aforementioned objective. Please take a few minutes to answer the following questions:

1. What methods, or procedures, or guidance does your state have in place to evaluate the condition of bridge coatings? Please attach any available documents
2. Does your state use state forces, contract, or both to perform bridge coating?
3. What standards specification and special provision do you have in place for spot coating, zone coating, overcoating, and complete recoating? Please attach any available documents or references.
4. What is the average square foot cost and anticipated service life in your state for
 1. Spot/zone coating
 2. Overcoating
 3. Recoating

5. What coating systems, materials, or products does your state use?
What is the average square foot cost for the indicated options?
What is the average service life of each of these options?
6. What qualification requirements does your state have for coating inspectors, contractors, and other personnel involved in bridge coatings projects?
7. What is your state's quality assurance, and quality control practices related to bridge coatings? Please attach any available documents
8. What are some of the challenges your state is facing in addressing your bridge coating needs?
9. What are some of the successful practices in the area of bridge coatings in your state?
10. What actions or activities would you like the SBPWG or the SEBPP to pursue in the area of bridge coatings?

SEBPP

Paint Working Group

Summary of Outstanding Needs resulting from Survey: “A Wish List”

- Develop a list of effective maintenance coating practices.(TX)
- Generate performance specifications for paint systems.(TN)
- List of Systems meeting performance criteria available to states.(TN)
- Define what works well.(AK)
- Develop best practices for bridge coatings, surface preparation, coating selection, application, field inspection and remedial actions to extend coating surface life.(NC)
- Extending the life of second and third coating applications for in-place structures.(FL)
- Develop a table/matrix/flowchart with general guidance that will be reliable way to determine what actions/best practices are needed for evaluating, planning and executing a steel bridge maintenance painting project WV)
- Information on the best types of coating in certain environments based on cost and expected service life. (AL)
- Cost per lb or sq. ft. of different types of configurations of truss structures. (LA)

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