TSP-2 Bridge National Working Groups

“The Pulse of the Bridge Partnerships”

AASHTO MaC
Bridge Technical Working Group

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TSP-2 Working Groups

- There are 4 Regional Partnerships under the TSP-2 NBPP: NEBPP, SEBPP, MWBPP and WBPP.
- **Regional Partnership Working Groups** are formed when areas of concern are identified and Group Leaders are appointed.
- **National Working Groups** are formed when all four Partnerships have similar concerns.
- Deliverables are generated: Tools, Guides, Scans and Research.
- There are eight National Working Groups.
Chloride Testing WG

• A new Chloride Testing Working Group (WG) has been formed under new Chair Travis Kinney of Oregon DOT.
• The Working Group has had regular calls with excellent discussions.
• They are currently developing a Chloride Testing Guide.
• The WG Plans to have a final draft available for discussion and review at the Regional TSP-2 Fall Meeting.
Chloride Testing WG

• The Guide will outline best practices for bridge deck chloride sampling, and will include:
  o A background in chloride sampling and testing.
  o How to develop a system level chloride sampling program.
  o Project level sampling, testing and best practices.
  o How to use test results to identify future bridge needs.

• The Guide will be a product of the TSP-2 Program and may be offered to AASHTO for approval, or as an outline for further research.

• Presentations will be made at Regional TSP-2 Partnership Meetings and other related venues.
National Coatings WG

- The WG was the first National Working Group to be formed.
- Jeff Pouliotte of FDOT has been the Chair since its formation in 2012 as the SEBPP WG.
- In 2014 it became a National Working Group.
- The WG has generated a *Decision-Making Tool* for Coatings Actions, White Papers, and successfully promoted NCHRP Research and a Domestic Scan.
National Coatings WG Current Initiatives

• NCHRP Project “Effective Use of Duplex Coating Systems to improve Steel Bridge Structure Durability”.
• Review the “FHWA Bridge Preservation Expert Task Group (BPETG) Pocket Guide”.
• Review of “NSBA Galvanizing Specification”.
• Tracking, supporting, participation, and liaison with other AASHTO and Industry Groups.
• Proposed NCHRP Project “Steel Bridge Coating and Recoating Warranty Contract Research Proposal”.

[Image of National Center for Pavement Preservation]
• The Social Media WG remains proactive.
• Chair John Bunderson of Metal Fatigue Solutions has stepped down, and the WG is in the process of looking for a new Chair with David Miller as Acting Chair.
• Present initiatives include posting Blogs, broadening Blog parameters, expanding Facebook posts, and developing a LISTSERV for expanded communications specific to bridge preservation.
• The WG will also be looking for input to help update and promote the use of the TSP-2 Website.
The Industry Technology Demonstration WG is reorganizing and has changed its name to the Innovative Technology Demonstrations WG.

The new Chair is Brian Mintz of the Phoscrete Corporation.

The WG is communicating the value and credibility of product demonstrations with Consultant Overview.

The WG is promoting more Industry and State demonstrations and looking to upgrade from a Pilot Program to a Full Program.

The WG needs more State and Industry participation for a broader perspective.
The WG is moving forward to incorporate a broader outlook for Bridge Deck needs.

The new Chair is Steve Austin of TXDOT.

The Bridge Deck Product and Technology Database promotes State participation and new approaches to develop & populate the Database.

The WG has developed a survey to help promote States buy-in and help the WG move forward in making this a useful tool for Practitioners. Sealers, Overlays and Patching Materials are the included.

This Database is supporting the Bridge Portal Project which is an Iowa DOT Pooled Fund project.
Local Agency Outreach WG

Travis Kinney of Oregon DOT, and Greg Freeman of Kwik Bond Polymers are Co-Chairs of the WG.

- The WG is developing short introductory training modules for Local Agencies: “Bridge Preservation Activities” and “An Overview into the Importance of Bridge Preservation as part of an Asset Management Program”.
- Set up presentations for Local Agencies in coordination with Local FHWA, LTAP, NACE, and State Representatives. As a “Lunch & Learn”.
- Promote development of BPETG Pocket Guides at Regional Partnership Meetings as well as other LTAP, NACE, and other relevant conferences.
- Local Agency participation is truly a New Frontier.
• Dick Dunne, John Hooks and Nancy Huether are sharing Chair responsibilities for the new Preservation Construction Quality WG.

• There are concerns around the country about the poor quality construction that states are experiencing on smaller Preservation contracts.

• The goal is to share successes and failures, promote training, promote the use of training certifications, and improved specifications.

• State and Industry representatives will identify specific areas of concern.

• The WG is in the process of developing a short introductory survey to poll States for their concerns.
The Chairs of this WG are Dan Muller of the FHWA and Dave Juntunen of the Kercher Group.

The WG has defined their Objectives and developed a white paper that defines a “Tiered Approach” (Basic, Intermediate & Advanced) for Bridge Management Systems avoid the “Overwhelmed Factor” and let Agencies step into their appropriate level of need.

The WG is also considering the Local Agency Perspective.

Note: MWBPP Regional Deterioration Modeling WG Chair Bill Oliva, Wisconsin DOT, has promoted Wisconsin's Pooled Study for Bridge Element Deterioration Modeling for MW States.
2019 Regional Bridge Meetings

• SEBPP: April 16-18, Baton Rouge, LA (262)
• WBPP: May 14-16, Reno, NV (172)
• NEBPP: September 9-11, Burlington, VT
• MWBPP: October 15-17, Bismarck, ND
• 43 National Industry Members Exhibiting

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QUESTIONS: