



AASHTO TSP-2 Update

SCOBS

June 11-15, 2017

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TSP-2 Points of Interest

- Partnership Meetings
- TSP-2 2017 Initiatives



Southeast Bridge Preservation Partnership

Meeting held in Charlestown, WV- April 10th -12th

Session Topics

- Deck Preservation
- Defining and Communicating Present Practices
- Emergency Response/Resilience
- Research Needs
- Working Group Report-outs
- Technical Tour of Preserving the New River Gorge Bridge
- Performance Measures Roundtable Discussion



Western Bridge Preservation Partnership

Meeting held in Denver, CO: May 22nd-24th

Session Topics

- Success & Failure Stories & Lessons Learned Peer Exchange
- Risk, Resilience & Environmental factors
- Preservation Developments
- Bridge Preservation Future Needs
- Performance Measures Roundtable discussion



Northeast Bridge Preservation Partnership

Will Be Meeting in New Brunswick, NJ: September 11-13

Session Topics

- Deck Preservation
- Peer Exchange: Decks, Joints, Superstructure, Substructure, & Asset Management
- Best Practices and case Studies in Bridge Preservation
- Retaining Systems
- Roundtable Discussion on Performance Measures
- Technical Tour of “The Beast” @ Rutgers



Midwest Bridge Preservation Partnership

Will Be Meeting in Minneapolis, MN: November 6-8

Session Topics

- Bridge Preservation Case Studies
- Roundtable Discussion on Performance Measures
- Preservation Practices & Training
- Technical Presentations
- Completed or Underway Research Related Topics
- Technical Tour of Preservation Site (Vikings Stadium)



Research Initiatives Supported

- Bridge Preservation is “actions or strategies that prevent, delay or reduce deterioration of bridges or bridge elements, etc.” *Source: AASHTO Board of Directors, Policy Resolution PR-3-11, October 17, 2011.*
- Research plays a critical role in continually improving the ability to preserve bridges
- All four of the Partnerships are involved in the promotion of Research Needs:

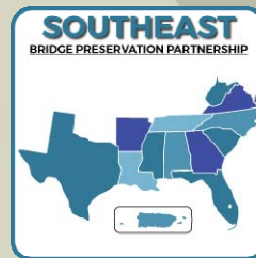
MWBPP



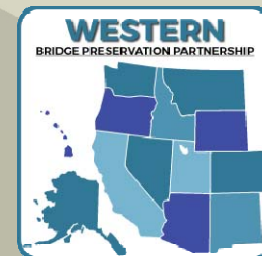
NEBPP



SEBPP



WBPP





NEBPP

Identified 5 high priority topics; and is developing a Research Needs Statement for the #1-ranked topic:

1. **Develop testing standards for bridge joints with less than 4" movement**
2. National scan to determine Best Practices for inspection and maintenance of concrete decks.
3. Synthesis of factors that contribute to joint life cycle
4. Corrosion prevention and mitigation in Prestressed strands
5. Database of current practices of preservation activities



SEBPP

Identified 5 high priority topics; and is developing Research Needs Statements for all 5 topics:

1. Standardized maintenance & preservation best practices
2. Improved methods for accelerated evaluation of bridge coatings
3. Deck sealers & overlays –treatments and requirements for use
4. Benefits of bridge cleaning & washing and effect on service life
5. Protecting bridge approaches during flooding events



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Identified 9 possible topics:

1. Best practices for steel pile preservation
2. Best practices substructure capacity during repair
3. Best practices for P/S girder end block repairs
4. FRP over patches
5. Document/illustrate the effectiveness of preservation



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6. Develop synthesis of deck cracking research
7. Performance of ECC flexible concrete for bridge deck applications
8. Regional survey of agency and joint manufacturers
9. Inclusion of a joint sizing requirement specification



MWBPP

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SCOBs & SCOM Liaisons

- David Miller, LADOT and Jeff Milton, VDOT have been designated liaisons between SCOBs and SCOM. This allows for the two Subcommittees to communicate, share initiatives, promote joint support, and avoid any possible overlap.



TSP-2 2017 Initiatives

- The National Bridge Deck Product Database has completed the Beta testing and population of product users is underway.
- The TSP-2 Bridge Blog has posts monthly interviews. It also is being utilized for Meeting 'Save the Date' announcements.
- Other Social Media avenues are being developed based on need and participation.
- The use of videos to promote Bridge Preservation is expanding
- **The 2018 National Bridge Preservation Conference will be in Orlando, FL from April 8th – 13th**



QUESTIONS?

COMMENTS (+ or -)

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