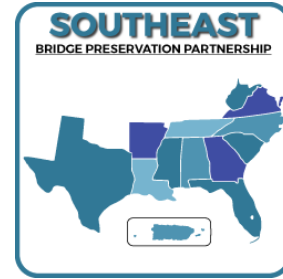


Southeast Bridge Preservation Partnership



February 2, 2022 - Teleconference (One Hour)

1. Roll Call
2. Approval of minutes from January 5, 2021
Tim Sherill motion to accept minutes, Steven Austin seconded the motion, all others voted in favor.
3. Future Conferences 2022: North Carolina – *one location in Raleigh looks promising working out details, the week before Labor Day is available, but mid-October is preferred; Darlene has set up a monthly planning call on the second Tuesday of the month; anyone interested in helping with planning can email Tim Sherrill.*
Alternative sites – Savannah? Atlanta?
4. Technical Presentation: Deeper report on MWBPP/ WBPP Meeting from Graham Bettis and David Miller
Graham Bettis: Likes the format of joining two partnerships; concurrent sessions, would like to partner up with other partnerships every few years. May need to get on the same schedules. Louisiana sends a few people to other Partnership meetings and sees value in that. Suggests instead of having a few moments of bios maybe just go straight to presentations. Remind moderators to visit with speakers to learn the pronunciations of names.
Willingness to talk about lessons learned the good and bad when discussion products.
No technical tour.
David Miller: LADOTD has found the meetings valuable and started bringing more personnel. Great to be back in person. Recommends getting involved with the different committees (working groups).

Agrees that sharing the good and the bad is valuable when discussing products/methodologies. Dual meetings was a great benefit.

Graham Bettis: Budget and planning needs to include equipment when discussing the cost of preservation activities. Performing more cyclical efforts to keep bridges in good condition in good condition (Nancy Huether with North Dakota gave a presentation on their policy/procedures).

David Miller presented LADOTD's Historic Bridge Preservation Priority Programming methodology. Texas followed the same approach for their Historic Bridge Preservation Programmatic Agreement.

Minnesota preventative maintenance measures (priorities) Sarah Sondag.

Chris Keegan gave a presentation on coating techniques used on a historic truss.

Arizona talked a lot about overlays and suspended the use of epoxy, but did not fault the use of epoxy, but the bridges that were selected for that type of overlay were not ideal candidates.

UHPC presentation gave good and the bad.

Bridge ends/approach slabs. Eliminating joints and using link slabs.

Minnesota presented some rehabilitation projects on steel piles.

GPI presented on cathodic protection that has been in service for decades.

Innovative Technology working group had a few presentations that were informative.

5. Working Group Report Outs

- a. National Deck *No report*
- b. National BMS – *On Break*
- c. National Coatings: *Jeff Poullilotte has retired and cannot resume work for 6 months due to Florida Statute; therefore, working group on hold.*
- d. National Working Group for Preservation Construction Quality : *Currently working on different resources related to new construction, Looking at rehabilitation of deck seals, joints, etc. best practices for inspection during construction.*

- e. Deck Chloride Levels – On Break
- f. Outreach to Local Agencies : *Up to 20 presentations made thus far.*
- g. Outreach and Communication: *Completed framework for content for the LinkdIN website and TSP 2 website. Looking to set up a meeting with Chris Keegan, Nancy Huether, and Dick Dunne to keep it going.*
- h. Industry Technology Demonstration Program (ITD): *Things are moving along; could use more participation from Agencies and Industry. Needs more feedback on products. Second Thursday of every month.*
- i. Bridge Inspection Program Manager – *Deck assessments by DOTs and Contractors: Richard Withers organized a presentation of a bridge specific inspection robot in Italy. A bridge collapse led to a new bridge and during design proposed an inspection robot. The bottom side looks like a ship hull (steel) and the robot has an arm that takes pictures of the entire under side of the bridge. They are working on a system that uses a drone instead of an arm. There is a process for examining the photos for defects. Wants to expand to use on more bridges.*
Richard Withers: The call is helpful and full of information.
- j. Quick Report of MWBPP/ WBPP Conference Highlights from Graham Bettis, David Miller: *Completed*
- 6. Treasury: \$41,016.84 as of December 13, 2021 *Waiting on update*
- 7. Other New Business – Local Agency Representative - Mike Hill on board
- 8. Next Monthly Meetings
 - a. Monthly Meeting: March 2, 2022, 10:00 a.m. EST
Tim Sherill: Suggested a presentation on UHPC pilot project in NCDOT.
 - b. Conference planning meetings: February 16, 2022, 10:00 a.m. EST?
Second Tuesday of the Month, February 8th at 10:00 a.m.
- 9. Adjourn

Research (Listing only active projects)

- **NCHRP 12-115 – “Guides for Risk Based Inspection and Strength Evaluation of Suspension Bridge Main Cable Systems”** – Research Agency: Modjeski & Masters Inc. – Research in progress – Estimated completion date: December 13, 2021.
- **NCHRP Project 12-117 – “Guidelines for Corrosion Protection of Steel Bridges Using Duplex Coating Systems”** – Research Agency: Elzly Technology Corporation – Research in progress – Estimated completion date March 15, 2022
- **NCHRP Project 20-05/Topic 50-12 – “Development and Use of As Built Plans by State DOTs”** – Research Agency: University of Kentucky – Research Complete in NCHRP Synthesis 548.
- **NCHRP Project 20-07/Task 428 – “Update of 2012 AASHTO Guide for Design of Bonded FRP Systems for Repair”** – Research Agency: University of Kentucky Research Foundation - Research in Progress – Estimate Completion Date July 31, 2021

Training

NCPP Bridge Preservation Training for Local Agencies Web Based

130106A *Bridge Preservation Fundamentals*

130106B *Establishing a Bridge Preservation Program Based*

130106C *Communication Strategies for Bridge Preservation*

130109A *Bridge Management Fundamentals (web-based prerequisite for the four-day instructor-led training course)*

130109B *Performance Based Management of Bridge Highways*

130107A *Fundamentals of Bridge Management*

Instructor Led

130108 *Bridge Maintenance*

130106A *Introduction to Transportation Asset Management*

130106B *Developing a Transportation Asset Management Plan*

130091B *Underwater Bridge repair, Rehabilitation, and Countermeasures*