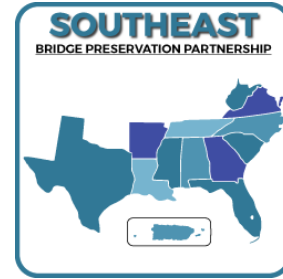


Southeast Bridge Preservation Partnership



February 3, 2021 - Teleconference (One Hour) Meeting Minutes

1. Attendees

Name	Organization
Aaron Immel	Volkert
Allen Scarborough	AZZ
Brian Mintz	Phoscrete
Cary Clemmons	North Carolina DOT
Chace Hulon	Moffatt & Nichol
Chris Keegan	Washington DOT
Dan Muller	FHWA
Darlene Lane	NCPP
David Miller	Louisiana DOT
Ed Welch	NCPP
Edward Liberati	Hydro-Technologies, Inc.
Eric Nolting	HDR
Graham Bettis	Texas DOT
Greg Heilman	JET Filter Systems
Jeff Milton	Virginia DOT
Jeff Pouliotte	Florida DOT
John Hooks	NCPP
Kyle Bartfay	Phoscrete
Larry Budd	JET Filter Systems
Lorella Angelini	Angelini Consulting Services
Michael Hill	Arkansas DOT
Michael Sprinkel	Virginia DOT
Michael Stroia	AZZ

Nicholas Pierce	North Carolina
Patrick Martens	Bridge Preservation
Rabindra Koirala	Georgia DOT
Raj Ailaney	FHWA
Richard Dunne	GPI
Richard Huza	Salit Specialty Rebar
Steven Austin	Texas DOT
Thomas Quinn	Tennessee DOT
Tim Sherrill	North Carolina DOT

2. Approval of minutes from January 6, 2021

Tim Sherrill made a motion to accept the January minutes, the motion was seconded by John Hooks and then carried.

3. Bridge preservation blog update

- a. Ed Welch noted that other partnerships have agreed to support the blog through an annual commitment of \$1800.
- b. Ed noted that the blog has had increased hits each year since it started.
- c. Michael Hill made a motion to commit \$1800 and the group voted in favor.

4. National Deck Working Group Report by Patrick Martens

- a. Patrick noted that he and Sarah Sondag are now the co-chairs for this working group.
- b. The working group meeting time is 12:00 central time on the 3rd Thursday of each month. Patrick noted that anybody interested in attending the working group meeting may reach out to Darlene for the calendar appointment.
- c. Pat noted that the Deck Working Group is an extension of the partnership and the working group is looking for new areas to focus. Pat requested folks think about possible ideas for the working group to focus and that these could be sent to him or Sarah Sondag.

- d. Pat discussed that the working group is looking for final comments on the Bridge Deck Preservation Resource Guide by February 10th. Steven will distribute to the attendees for comments.
 - e. Pat also discussed that he is also looking for people that may have interest in working as part of a cementitious overlay working group.
5. Future Conferences
- a. 2021 SEBPP: Hot Springs – November 2nd through 4th
 - i. John Hooks noted that there will be a planning meeting currently scheduled for February 16th to start discussion about the SEBPP meeting.
 - ii. John noted that there was a lot of pessimism regarding in-person meetings in 2021 during the call with the northeast.
 - b. 2022 SEBPP: North Carolina
 - c. 2023 National meeting. John noted that a number of states have expressed interest in hosting.
6. Presentation: NCDOT Bridge Management System – Cary Clemmons
- a. Cary works at NCDOT in structures management group.
 - b. Cary presented on the work NCDOT has done to setup and configure their Bridge Management System.
 - i. NCDOT is using Agile Assets.
 - ii. NCDOT has developed decisions trees and decision matrix for concrete bridges that utilize NBI ratings to decide what actions to take.
 - iii. NCDOT can adjust funding levels to help prioritize projects.
 - iv. NCDOT has determined deterioration rates based on material type: timber, concrete, steel. ADT and geographic region are also included in the model.
 - v. The tool allows users to develop life-cycle strategies.
 - vi. The improvement of a condition rating is taken into consideration with cost to form a recommendation.

- vii. Group discussed element level data and the current lack of confidence in the quality of data and the reliability of deterioration rates of element level information.
- 7. Discussion – Group discussed a plan for future presentations and the idea to alternate between states sharing something and vendor or research presentation.
 - a. Rabindra noted that he has an environmental issue related to restrictions tied to bats and could discuss in a future meeting. Mike noted that he has had similar experience as Arkansas.
 - b. Ed Welch suggested a topic on research related to load rating culverts and bridges that are missing plans.
 - c. Group discussed that the Innovative Technology Demonstration working group may be worth reaching out to for presentation topics.
- 8. Working Group Report Outs
 - a. National Deck – Covered earlier in meeting.
 - b. National BMS – Dan Muller noted that the working group is currently finalizing details on the resource document.
 - c. National Coatings – Jeff Pouliotte note that this working group has not met since our last partnership meeting but did share that he hopes that FDOT will be pursuing in-house research for the coating warranty topic discussed in previous partnership meetings. Jeff also noted that the Duplex coating research shows a lot of promise.
 - d. National Working Group for Preservation Construction Quality
 - Ed Welch shared that the group intends to focus on states QA/QC efforts.
 - Ed shared that Pat Martens will be giving a presentation on Thursday, February 25th to the construction quality working group to discuss the good and bad of construction quality.
 - e. Deck Chloride Levels
 - John Hooks noted that this group is dormant.
 - f. Outreach to Local Agencies

- Travis Kinney has left Oregon DOT but intends to remain active and present to Oklahoma and North Dakota later in February.
- g. Outreach and Communication
 - David Miller noted that the group had a meeting last month. Group discussed communication and the Linked-In account. Workgroup is interested in creating a site. This working group meets the second Wednesday of every month.
- h. Industry Technology Demonstration Program (ITD)
 - Brian Mintz noted that the working group has had a number of products. Recurring meetings are on the 2nd Thursday of the month.
- i. Bridge Inspection Program Manager – Inspection reports
 - Group is sharing inspection reports and discussing common problems and issues to help find solutions.
- 9. Voluntary Contributions – Latest Report date is December 23
 - a. Report may be dated.
- 10. Treasury: \$43,590.36 as of December 31, 2020
- 11. Other New Business & List Action Items
- 12. Next Monthly Meetings
 - a. Monthly Meeting: March 3, 2021, 10:00 a.m. EST
 - b. Conference planning meetings: February 16th, 10:00 a.m. EST
- 13. 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: April 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 14-36 – “Proposed AASHTO Guide for Bridge Preservation Actions”.** Research Agency: University of Colorado - Boulder – Research in progress - Estimated completion date: April 30, 2019.
- **NCHRP Project 20-05/Topic 50-03 – “Use of Weigh-in-Motion Data for Improving Pavement, Bridge, Weight Enforcement and Freight Logistics Practices”** – Research Agency: University of Texas at Austin – Research in progress - Estimated completion date: May 2020.
- **NCHRP Project 20-05/Topic 50-12 – “Development and Use of As Built Plans by State DOTs”** – Research Agency: University of Kentucky – Research in progress.
- **NCHRP Project 20-07/Task 424- “AASHTO Guide for the Operation of Movable Bridges from Remote Locations”** – Research Agency: HDR Engineering Inc. – Research in Progress – Estimate Completion Date August 19, 2020
- **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 December 2, 2020

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*