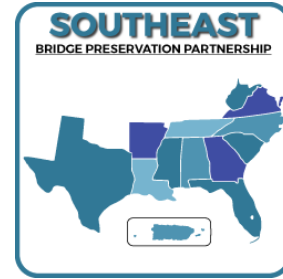


Southeast Bridge Preservation Partnership



January 6, 2021 - Teleconference (One Hour) Meeting Minutes

1. Attendees

Name	Organization
Aaron Immel	Volkert
Allen Scarborough	AZZ
Andy Nanneman	Arkansas DOT
Blake Liberati	Hydro-Technologies, Inc.
Brian Mintz	Phoscrete
Chace Hulon	Moffatt & Nichol
Chris Keegan	Washington DOT
Clayton Bennett	Jacobs
Darlene Lane	NCPP
David Miller	Louisiana DOT
Ed Green	
Ed Welch	NCPP
Edward Liberati	Hydro-Technologies, Inc.
Eric Christie	Alabama DOT
Eric Nolting	HDR
Graham Bettis	Texas DOT
Greg Heilman	JET Filter Systems
Jeff Pouliotte	Florida DOT
John Hooks	NCPP
Kyle Bartfay	Phoscrete
Lorella Angelini	Angelini Consulting Services
LJ Dickens	HNTB
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
Royce Meredith	Kentucky Transportation Cabinet
Steven Austin	Texas DOT
Thomas Quinn	Tennessee DOT
Tim Sherrill	North Carolina DOT
Tim Woolery	Advanced Chemical Technologies
Tony Hunley	Stantec
William Murray	West Virginia DOT

2. Approval of minutes from December 2, 2020

John Hooks made a motion to accept the December minutes, the motion was seconded and then carried.

3. Final Update of 2020 Webinars

John Hooks gave an update on the 2020 webinars noting that the series of eight events has concluded with an average of 400 attendees each. The webinars were a success and all recordings are available at <http://bit.ly/2020BridgeWebinars>

4. Future Conferences

- a. John Hooks discussed current planned dates for TSP2 Meetings noting that the 2021, Hot Springs meeting is tentatively planned, until hotel contracts are signed, for November 2nd through 4th.
- b. John Hooks noted that a call on January 11th is planned to discuss a national meeting in 2022 or plan for a SEBPP meeting in North Carolina.

5. Funding of Bridge Preservation Blog

- a. Ed Welch noted that this effort is tied to the Social Media working group. Ed asked the group for input on the effectiveness of the blog and whether it should continue.

- b. Ed discussed that the costs for work involved is expected to be roughly \$1500 per partnership per year. The blog is linked on the TSP2 website, is distributed through LinkedIn, and emailed to over 1000 people that have been involved in the partnership.
 - c. Group discussed that not every blog is read but several in the group noted that the blog is a good way to promote messages related to bridge preservation. Brian and Dick discussed that they believe this is a very effective way to communicate and outreach to a larger audience.
 - d. Ed noted that the group may make a motion to approve contributing up to \$1500 or \$1800. The group is encouraged to consider and plan to vote on approval to contribute in the next partnership monthly call.
- 6. Local Agency Preservation Programs (FHWA BPETG)
 - a. Dick Dunne and David Miller presented on the responses from states and candidates for follow-up interviews. See included PowerPoint presentation. Agencies in Alabama, Florida, North Carolina, and Tennessee were identified. **Dick is requesting states to identify any local bridge owners that should be contacted because they exemplify bridge preservation practices at the local level.**
 - b. Dick presented the follow-up questions planned for the interviews
 - c. Group discussed possible questions to add.
 - i. How do you schedule your work?
 - ii. How are you performing bridge preservation - with in-house staff or contracts? If using in-house forces, are there efforts to train forces?
 - iii. Do you track the performance of your bridge preservation action? Or do you just perform certain bridge preservation actions cyclically?
 - iv. Do you have any way of demonstrating the benefits of bridge preservation?
 - d. The list of questions will be distributed with the meeting minutes for more input and further discussion at the next monthly meeting.
- 7. Presentation by Royce Meredith (KYTC) and Tony Hunley (Stantec): Bridging Kentucky – Creating Value Through Innovative Program Approaches

- a. Royce discussed that the bridge rehabilitation and replacement effort was launched in mid-2018 and was intended to address over 1000 bridges. Over 400 bridges were planned to be addressed between FY 2019 and FY 2020.
- b. Stantec was contracted to help administer the program.
- c. The program replaced all bridge types but avoided interstate bridges. A large portion of these bridges were carrying county roads.
- d. Royce discussed that the program focused on addressing posted bridges and bridges in poor condition with less focus on roadway improvements. Effort involved addressing bridges in batches rather than addressing them one at a time.
- e. Tony discussed that the effort was focused on the bridge rather than approach work to maximize the benefit to bridge structures. Bridge replacement and preservation were both considered using a screening process to determine the scope. Approximately 50% were rehab and 50% were replaced.
- f. Tony discussed the data driven screening process. A team went through each bridge and captured information from previous inspection reports. 30% to 40% of bridges were screened and a determination to either replace or rehab was made from a review of inspection information. In roughly 5% to 10% of these, the decision to replace or rehab was changed after a field review.
- g. The program bundled as few as 2 bridges and as many as 16 bridges in a single construction contract.
- h. Mike noted that frequently, Arkansas is obligated to address safety issues with the program which adds significant costs. Royce noted that focusing the effort on bridges was a priority. Through FHWA's EDC initiative, Kentucky took advantage of an additional 5% federal funding benefits. Tony noted that bundled bridges are eligible for 85% federal participation.
- i. Tim asked how the program was developed noting that it seemed like the decision for this approach would need to come from administration. Tony and Royce noted that administration saw that there was a very large number of bridges load posted or in poor condition. Legislative support at the state level came from the fact that this was a statewide effort.
- j. The ownership of the bridges did not change through this effort. Dick asked whether additional measures were taken with

consideration that these may be widened or with consideration that counties generally do not perform maintenance on bridges. The design approach was to generally not widen bridges as the traffic volumes are not anticipated to require increased widths in the future. No increased cover was called for on this project but epoxy rebar is the norm in Kentucky.

8. Upcoming presentation topics for next meetings.
 - a. Mike requested that folks send him ideas or suggestions for possible topics for February and March.
9. Working Group Report Outs
 - a. National Deck – Due to time, no updates were provided.
 - b. National BMS – Due to time, no updates were provided.
 - c. National Coatings.
 - Jeff Pouliotte gave an update on the working group. Group met yesterday and discussed duplex coating systems.
 - d. National Working Group for Preservation Construction Quality – Due to time, no updates were provided.
 - e. Deck Chloride Levels – Due to time, no updates were provided.
 - f. Outreach to Local Agencies – No further updates were provided beyond the discussion during the meeting.
 - g. Outreach and Communication
 - David Miller gave an update - Group is starting up again next Wednesday, January 13th.
 - h. Industry Technology Demonstration Program (ITD) – Due to time, no updates were provided.
 - i. Bridge Inspection Program Manager
 - Mike Hill noted that the working group is looking for topics for discussion at next working group meeting.
10. Voluntary Contributions – (5) Report date is November 23
11. Treasury: \$41,016.84 as of September 22, 2020 [Following the meeting, this was confirmed to still be the balance as of December 31, 2020]
12. Next Monthly Meetings
 - a. Monthly Meeting: February 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

NCPB 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