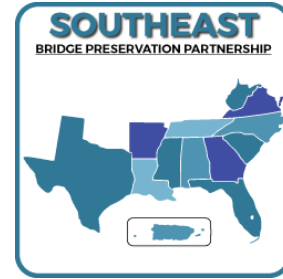


Southeast Bridge Preservation Partnership



July 1, 2020 - Teleconference (One Hour)

1. Attendees

Name	Organization
Aaron Immel	Volkert
Allen Scarborough	AZZ
Clayton Bennett	Georgia DOT
Chad Robinson	West Virginia DOT
Darlene Lane	NCPP
David Miller	Louisiana DOT
Diana Hellman	Fujifilm
Drew Story	Kercher Group
Ed Welch	NCPP
Graham Bettis	Texas DOT
Greg Heilman	JET Filter Systems
Jeff Milton	Virginia DOT
Jeff Pouliotte	Florida DOT
John Hooks	NCPP
Chris Keegan	Washington DOT
Ken Kajikawa	Fujifilm
Kyle Bartfay	Phoscrete
Lorella Angelini	Angelini Consulting Services
Michael Hill	Arkansas DOT
Michael Sprinkel	Virginia DOT
Mike Stroia	AZZ
Mike Vandamme	Fujifilm
Daniel Muller	FHWA
Nicholas Pierce	North Carolina
Pat Martens	Bridge Preservation

Raj Ailaney	FHWA
Richard Dunne	GPI
Richard Huza	Salit Specialty Rebar
Steven Austin	Texas DOT
Thomas Quinn	Tennessee DOT
Tim Woolery	Advanced Chemical Technologies
William Murray	West Virginia DOT

2. Michael Sprinkel reminded group of call for comments on five research need topics sent out earlier. These five have been prioritized from a list of many other topics.
 - a. Mike Hill requested that folks review the list of projects and provide feedback on priorities to Michael Sprinkel.
 - b. Jeff Milton will be taking the coatings topic to the Committee on Maintenance.
3. Fujifilm Presentation – Infrastructure Photo Analysis Service (IPAS)
 - a. Presented by Diana Hellman, Ken Kajikawa, and Mike Vandamme
 - b. Goal of the presentation is to introduce infrastructure photo analysis service to the group.
 - c. This capability is used in Japan and some consultants but Fujifilm is trying to understand the U.S. market to see where this can be used.
 - d. The photos from cameras and drones could be stitched together and processed to map cracks of any concrete surfaces.
 - e. Mike V. provided a demonstration of the capabilities showing mapping and potential spalling.
 - f. Jeff Pouillette suggested that Florida has one bridge that they have a need for this capability. Jeff requested that Fujifilm send to him a summary of capabilities and technology so he can share with others at FDOT to propose use.
 - g. Diana Hellman has a validation document that she will share with the entire group.
 - h. Jeff Milton asked if the program could create a report of the crack maps. Mike responded that the cracks are all assigned a unique

identification and can be tabulated with crack width and length or mapped in CAD.

- i. Daniel Muller proposed that this may have application in the area of research as well as a very specialized tool to evaluate high risk areas particularly in cast-in-place superstructures and decks.
 - j. Dick Dunne proposed that this could be used on PPP prior to a bridge being turned back to the state.
4. Future Meetings:
- a. Virtual Meeting for 2020 – John Hooks
 - i. John has a list of 84 potential topics that can be included. For those interested, John will send proposed topics to usual participants to pick out topics of interest for monthly meetings, virtual partnership meeting, or saved for 2021 meeting. John is requesting for feedback on projects that will be good for panel discussions.
 - ii. John anticipates webinar series in early August. Webinars will likely be 90 to 120 minutes sessions and be held over a few days. John shared that the partnership has acquired licenses for Go To Webinar and he will be scheduling test runs for early July.
 - iii. Planning meeting July 15th meeting will be kept for planning meeting webinar series. John hopes to announces the dates for the 2021 SEBPP meeting.
 - b. 2021 SEBPP meeting was discussed
 - i. Still planning for Arkansas during the week of March 23rd – 25th. Contract is with MSU right now.
 - ii. Darlene is working with MSU administration to execute contract. MSU has travel ban in place that needs to be worked around before MSU can execute the contract. Darlene is working with MSU to explain that the funds used are from AASHTO rather than MSU.
 - c. 2022 SEBPP meeting was discussed
 - i. 2022 would typically have been the national meeting rather than regional meetings

- ii. The 2022 meeting may still be in North Carolina but John Hooks will keep group informed on what direction we're going with the national meeting.

5. Monthly SEBPP Presentations

- a. Tim lined up the August guest presentation on the I-10 Mississippi River Bridge. Mike will follow up with Tim to confirm.
- b. We'll plan to use possible presentations from John's list to identify topics that may be presented in September.

6. Working Group Report Outs

a. National Deck.

- i. Working group is preparing a consolidated resource for bridge deck preservation that may reference or link to other resources.
- ii. Working group is looking for comments to improve usability of the bridge product database.

b. National BMS

- i. John provided an update on the survey. 38 states responded to survey. John is working to boil down information into a summary. Mike suggested that survey responses be put on the TSP2 website as a resource for states.

c. National Coatings

- i. Jeff Pouliette gave an update on ongoing research project for duplex coatings. Also pushing for warranty coatings project. This project is supported by T9 and T4.

d. National Working Group for Preservation Construction Quality.

- i. Group hasn't met in a couple of months.

e. Deck Chloride Levels

- i. Report is complete and posted to TSP2 website. Group will continue to be an active group but group is taking a little bit of time off.

f. Outreach to Local Agencies

- i. Drew Story provided an update on the national LTAP conference. The committee planned to prepare a poster. Travis Kinney led the effort to develop a poster. Group will have 3 to 5 minutes to present the final poster at the national conference.
- ii. Currently working on a new survey to identify how states are funding work. Group is in the process of vetting survey through the ETG for blessing on survey. Dick Dunne added that ETG will be returning comments soon.

g. Outreach and Communication

- i. Group did not meet last month but will be rescheduling soon.

h. Industry Technology Demonstration Program (ITD).

- i. Ed shared that the group has 4 projects in progress that will be featured on the TSP2 website.

i. Bridge Inspection Program Manager

- i. Mike share that the group had a call earlier this week.
- ii. Discussion so far has been more so a roundtable discussion
- iii. Will be putting a chart together summarizing states' practices that could be used to share information and experiences between states.

7. Treasury: \$41,266.84 as of May 31, 2020

8. Next Monthly Meetings

- a. Agenda Planning for Virtual Meeting: July 15, 2020, 10 a.m. EST
- b. Monthly Meeting: August 5, 2020, 10:00 a.m. EST
- c. Planning meetings will be canceled for August, September, October

9. Meeting was adjourned.

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*