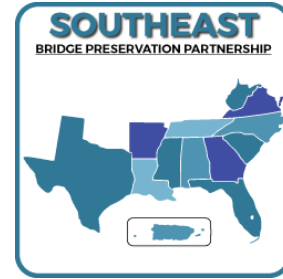


Southeast Bridge Preservation Partnership



September 2, 2020 - Teleconference (One Hour)

1. Attendees

Name	Organization
Aaron Immel	Volkert
Andy Nanneman	Arkansas DOT
Bill Oliva	Wisconsin DOT
Brian Mintz	Phoscrete
Darlene Lane	NCPP
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
Clayton Bennett	Georgia DOT
Daniel Muller	FHWA
Kevin Western	MNDOT
Kyle Bartfay	Phoscrete
Lorella Angelini	Angelini Consulting Services
Michael Hill	Arkansas DOT
Mike Stroia	AZZ
Nicholas Pierce	North Carolina
Patrick Martens	Bridge Preservation
Raj Ailaney	FHWA
Richard Dunne	GPI
Richard Huza	Salit Specialty Rebar
Steven Austin	Texas DOT

Thomas Quinn	Tennessee DOT
Tim Sherrill	North Carolina DOT
William Murray	West Virginia DOT

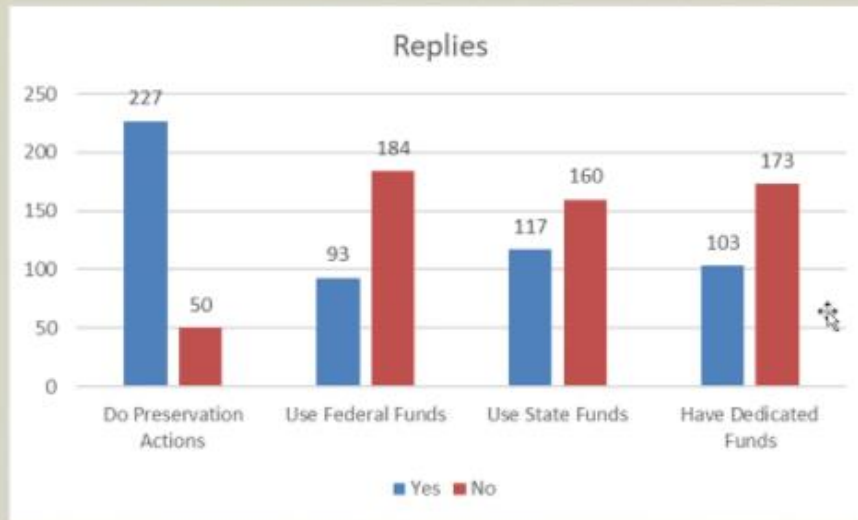
2. Approval of minutes from August 5, 2020
 - a. Steven Austin made a motion to accept the meeting minutes. The motion was seconded and the motion was passed.
3. Update of 2020 Webinar Plans and the 2021 Partnership meetings
 - a. John Hooks provided an update on the 2021 TSP2 meetings.
 - i. SEBPP will be in Hot Springs in March 23-25, 2021
 - ii. West, Midwest, and Northeast are also scheduled between April and October 2021.
 - iii. MSU has not fully executed the contracts so we are holding off on making an announcement.
 - b. John Hooks provided an update on the 2020 virtual events
 - i. Schedule is mostly finalized but John is working on clearing up a few issues on the agenda.
 - ii. All sessions will be on Thursdays as shown below:

<u>Virtual Event Type</u>	<u>Topic</u>	<u>Event Date</u>	<u>Event Start Time</u>	<u>Moderator</u>
Webinar	Deck Preservation using Overlays	24-Sep	1:30 PM	Bill Oliva, Wisconsin DOT
Panel Session	Preservation by Eliminating of Bridge Joints	1-Oct	1:30 PM	Dick Dunne, GPI
Panel Session	Impact of COVID-19 & Budget Restrictions on Bridge Inspection & Bridge Preservation Programs	15-Oct	1:30 PM	Dan Muller
Panel Session	Preventative Bridge Maintenance/On-Demand Contracts	29-Oct	1:30 PM	Jeff Pouliotte, Florida DOT
Webinar	Local Agency Bridge Preservation	5-Nov	1:30 PM	Pat Connor, Purdue University
Webinar	Corrosion Protection for Steel Bridges	19-Nov	1:30 PM	Mike Hill, Arkansas DOT
Webinar	Steel Bridge Repairs	3-Dec	1:30 PM	Rod Thornton, MD SHA
Panel Session	Deck Preservation using Sealers	10-Dec	1:30 PM	Tom Donnelly, Transpo

Topic	Moderators	Presenters / Panel Members				
Deck Overlays	Bill Oliva, Wisconsin DOT	Mike Stenko, Transpo (15 min)	Jason DeRuyver, MDOT	Gregg Freeman, Kwikbond (15 Min)	Steven Austin, TxDOT	N/A
Joint Elimination	Dick Dunne, GPI	Christopher Dyck, Nova Scotia	Soundar Balakumaran, VDOT	TBD, NYSDOT	Jason DeRuyver, MDOT	TBD
COVID-19	Dan Muller	Tom Pechillo & Tom Donnelly, Industry	Seth Burgess, CTDOT	Bill Oliva, WisDOT	Chris Keegan, WSDOT	Graham Bettis, TxDOT
Contracts	Jeff Pouliotte, Florida DOT	Ricardo Duarte, Gannett, Fleming	Gerald Olivetto, NJDOT	Becky Nix, Utah DOT	Jeff Milton, VDOT	Bill Oliva, WisDOT
Local Agency Preservation	Pat Connor, Purdue University	Travis Kinney, OR DOT	Mel Quickmiller, Harrison Co, IN	Jimmy Camp, Maricopa Co, AZ	N/A	N/A
Steel Corrosion Protection	Mike Hill, Arkansas DOT	Derrick Castle, Sherwin Williams	Mike Barker, U. Wyoming	Kevin Irving, Abiding Group	N/A	N/A
Steel Bridge Repairs	Rod Thornton, MD SHA	Rama Krishnagiri, WSP USA	Nimal Suhir, Burgess & Niple, Inc	Carl Hendricks, Whatcom County, WA	Alternate: Paul Vinik, GPI	N/A
Deck Sealing	Tom Donnelly, Transpo	Tom Donnelly, Transpo & Joe Molinaro, Missouri DOT	Tim Boodey, NHDOT	TBD	Earl Kaslan, Caltrans	Sarah Sondag, MnDOT

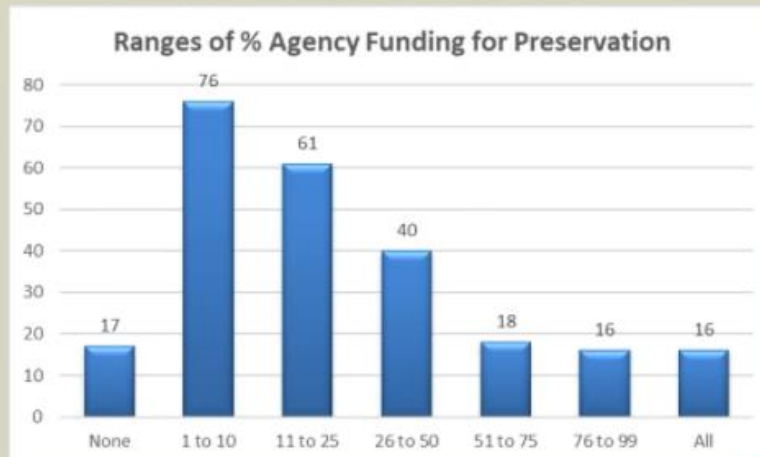
- iii. John is looking for a state in the Southeast that uses sealers on bridge decks to participate on the sealers panel discussion. John is requesting the participant to put together a few slides covering what state's practice is on applying sealers on bridge decks.
 - iv. John had a discussion with Judy this morning on announcing the schedule to state DOTs. John will be sending an email to SEBPP state participants to distribute registration information further.
 - v. John discussed challenges with reaching Ricardo Duarte for the Contracts session. Jeff Pouliotte offered to present and fill the presentation spot. Jeff Pouliotte will coordinate further with John and finalize Contracts session.
4. Update on survey for Funding Local Agency Bridge Preservation Projects by John Hooks
 - a. John provided an update on survey response from effort led by Travis Kinney and Gregg Freeman.
 - b. Group has had 327 responses from 27 states. Below are findings from this survey that were briefly discussed.

Responses on Actions, Funding Sources



MICHIGAN STATE
UNIVERSITY

% of Funds Used for Bridge Preservation



MICHIGAN STATE
UNIVERSITY

- c. Survey will be open until September 15th
- d. Participation from states in the southeast has been low. John will be sending a reminder to states to relay to local agencies.

5. Roundtable Discussion on Modular Joints – Frequency of problems, maintenance, replacing, etc.
 - a. Steven Austin started discussion by noting that Texas has had issues with performance of a modular joint on a major bridge. Steven was curious what other states are doing on bridge maintenance.
 - b. Jeff Milton shared that Virginia has had issues with Transflex joints.
 - c. Mike Hill shared that Arkansas has a bridge with 10 modular joints. With complexity of joint, Arkansas does not want to attempt repairs in house.
 - d. Tim Sherrill shared that North Carolina has a wide range of modular joints that have been in service for 20 or 30 years. No regular maintenance is performed on these joints but would replace glands. North Carolina does not have plans for many of these joints and is looking at other joint types to replace modular joints.
 - e. Jeff Pouliotte shared Florida looks at routine inspection and tries to schedule replacement as a group of joints as they start to deteriorate before it is a critical issue. Florida has tried to eliminate joints and avoid modular joints. District has a feasible action committee that makes recommendation for priority repairs from 1 to 4. FL gives special attention to bridge joints.
 - f. Daniel Muller gave his experience from North Carolina. Daniel believed that a recent bridge in NC with a modular joint had a maintenance plan and was interested in seeing one. Steven shared that D.S. Brown has said that they had a maintenance plan but has not shared it.
 - g. Dick Dunne reminded folks about the – Scan team report 17-03, “Experiences in the Performance of Bridge Bearings and Expansion Joints Used for Highway Bridges.” Dick will send to Steven to include in meeting minutes.
 - h. Jeff Milton noted that Virginia’s policy on new bridges is to only have joints if absolutely necessary. Virginia prefers finger joints noting that Virginia prefers these over modular. Jeff Pouliotte and Mike noted that Florida and Arkansas do have finger joints.

- i. Mike Hill asked about state forces performing repairs to modular joints. Tim replied that they had tried but hadn't had very much success. Ed Welch said that New Hampshire had done some maintenance that would last a couple of years for short term repairs.
 - j. Tim asked about condition of beam ends and caps at finger joints. Jeff Milton noted that this was problematic and could be mitigated somewhat with troughs. Jeff P. noted that the few finger joints that Fl has used do have troughs although Florida does not have the problem with deicing chemicals. Jeff Milton noted that troughs do require fairly aggressive maintenance program.
 - k. Several states agreed that joint elimination is preferred when possible.
 - l. 41:30 - Bill Oliva from Wisconsin DOT inquired about discussion on how Florida eliminates joints. Jeff P. noted that in soft soils joint elimination is more difficult to make work because substructure would have to be anchored into rock.
 - m. Tim noted that North Carolina has had some success with Transflex for repair material. Jeff P. noted that Virginia has disallowed Transflex joints. Ed Welch noted that New Hampshire would have replacement segments for joint rehabilitation in stock and ready for installation.
6. Monthly SEBPP Presentations Topics
- a. October – Presentation: ITD project with Michigan DOT and Jet Filter System – Greg Heilman
 - b. November Presentation still to be determined.
7. Working Group Report Outs
- a. National Deck. – no updates
 - b. National BMS. – Survey will be posted to TSP2 website and John will send
 - c. National Coatings. – Jeff P. gave a brief update noting that the working group is waiting to see if recent coating research related to warranties will be supported by MAC
 - d. National Working Group for Preservation Construction Quality. – no updates

- e. Deck Chloride Levels – no updates
 - f. Outreach to Local Agencies – no updates beyond discussion during item 4 above.
 - g. Outreach and Communication – no updates
 - h. Industry Technology Demonstration Program (ITD) – Brian noted that there was not much new to report except that the group is waiting on website updates. The working group meeting is second Thursday of the month.
 - i. Bridge Inspection Program Manager – Mike noted that the group recently had a roundtable discussion focused on deterioration of pipe piles and will continue to have roundtable discussions.
8. Treasury update:
- a. Darlene noted she would be working on updating treasury balance for next meeting
9. Next Monthly Meetings
- a. Monthly Meeting: October 7, 2020, 10:00 a.m. EST
 - b. Conference planning meetings will be canceled for August, September, and October
10. 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*