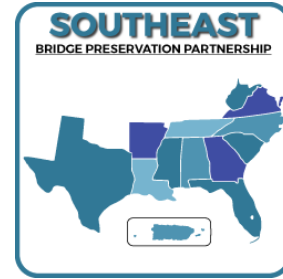


Southeast Bridge Preservation Partnership



January 6, 2020 Teleconference (One Hour) Meeting Minutes

1. Roll Call

Raj Ailaney	FHWA
Lorella Angelini	Angelini Consulting Services
Clayton Bennett	Georgia DOT
Richard Dunne	GPI
Brian Egli	Tennessee DOT
Phil Garner	Phoscrete Concretes
Mike Hill	Arkansas DOT
John Hooks	NCPP
Ted Hopwood	Kentucky Transportation Center
Aaron Immel	Volkert
Chris Keegan	Washington DOT
Travis Kinney	Oregon DOT
Darlene Lane	NCPP
Pat Martens	Bridge Preservation and Inspection Services
David Miller	Louisiana DOT
Jeff Milton	Virginia DOT
Brian Mintz	Phoscrete Concretes
Nick Pierce	North Carolina DOT
Jeff Pouliotte	Florida DOT
Tom Quinn	Tennessee DOT
Tim Sherrill	North Carolina DOT
Thomas Stephens	Baton Rouge
Ed Welch	NCPP

2. Approval of minutes from December 2019

Mike made motion to approve; Tim seconded; motion passed.

3. Steel Cracking Presentation (Ted Hopwood)

- Ted provided a very interesting presentation on three steel girder cracking situations in Kentucky. This was a shortened version of presentation he provided at MWBPP and NEBPP.
- Bridges experienced a range of traffic volumes and loading situations (from interstate to local road), but all were redundant structures, 40 to 60 years old. Carbon steel construction that met all ASTM and AASHTO requirements.
- Fatigue a factor in all three cases.
- Category E weld details a factor in two of the cases.
- Weld defect in only one case.
- CIF a contributing factor in one case.
- A critical issue is that these crack sizes in carbon steel members typically are too small to be detected with usual visual inspection; NDE is required to detect these early. Redundancy is only current safeguard.
- Resulting concern from study is that additional steps should be undertaken to provide particular attention to FCMs, as well as fatigue-prone and CIF details. Maybe proactively engage in programs to address such issues prior to development of cracking.
- Highlights the need for appropriate details (to avoid Category E) and sufficient inspection and testing during fabrication.
- Discussion centered around partnership DOTs experiencing some similar issues and steps taken to address such conditions (retrofitting the fatigue-prone details, drilled holes, drilled holes with expansive sleeve, etc.)

4. Future Meetings:

a. 2020: Hot Springs, Arkansas

- John has organized the selected presentations into the meeting agenda. Remaining questions on selection of a panel session topic.

- We will continue with further planning discussions in the next planning meeting on January 15.

b. 2021: North Carolina, maybe in Raleigh.

Nick and Tim have initially thought of Raleigh as the host city, but some bridge preservation/ construction projects near Asheville might present some good opportunities for an interesting technical tour. Asheville likely has facilities to host, but deciding factor might be cost of airfare into Asheville, as opposed to Raleigh.

5. Monthly SEBPP Presentations

a. February

Culvert Repairs

6. Working Group Report Outs

a. National Deck

Ed discussed that the group has developed pocket guides for various thin and rigid deck overlays. Looking to develop other helpful items, as appropriate. Looking for participation from all agencies and industry in the working group.

Regular Meeting/ Call:

4th Friday of each month at 9:30 a.m. (Central)

Contact:

Steven Austin, Steven.Austin@txdot.gov, 512-416-2265

b. National Bridge Preservation BMS

Long survey on DOT bridge management practices has been sent out. Seven responses have been received, so far. Mike indicated he had not received that survey; John will forward to Mike. Others that want to receive survey should contact John. Primary recipients have been DOT bridge management persons.

Regular Meeting/ Call:

3rd Thursday of each month at 11:00 a.m. (Eastern)

Contact:

Dave Juntunen, djuntunen@kerchergroup.com, 517-512-3120

c. National Bridge Preservation Coating

Contact:

Jeff Pouliotte, Jeffrey.Pouliotte@dot.state.fl.us, (850) 410-5691

- d. National Working Group for Preservation Construction Quality Group has received 47 responses to short survey that was distributed.

Regular Meeting/ Call:

4th Thursday of each month at 11:00 a.m. (Eastern)

Contact:

Fouad Jaber, Fouad.Jaber@nebraska.gov, (402) 479-3967

- e. National Bridge Deck Chloride Testing

Travis had short presentation reviewing the draft guide that has been developed. Guide has been sent to the four regional partnerships. Travis requested that all responses be sent in by the end of January. Final guide will be published through TSP-2; will coordinate with MAC for distribution through AASHTO. Group is discussing future goals, but could potentially dissolve to provide support for the National Deck Working Group.

Regular Meeting/ Call:

2nd Thursday of each month at 3:30 p.m.-4:30 p.m. (Eastern)

Contact:

Travis Kinney, Travis.J.Kinney@odot.state.or.us, 503-986-4010

- f. National Local Agency Outreach

Regular Meeting/ Call:

4th Wednesday of each month at 12:00 p.m.-1:00 p.m. (Eastern)

Contact:

Gregg Freeman, gregg@kwikbondpolymers.com, 720-626-6643

- g. National Bridge Preservation Outreach and Communications

Regular Meeting/ Call:

2nd Tuesday of each month at 10:00 a.m. (Central)

Contact:

David Miller, David.Miller@la.gov, 225-379-1552

- h. National Industry Technology Demonstrations (ITD)

Regular Meeting/ Call:

1st Friday of each month at 10:30 a.m. (Eastern)

Contact:

Brian Mintz, brian.mintz@phoscrete.com, 727-944-4368

7. Treasury:

No report due to time

8. Voluntary Contributions.
9. TSP2 Website Development
10. Other New Business & List Action Items
None.
11. Next Monthly Meetings
 - a. Agenda Planning for Hot Springs: January 22, 2020, 10:00 a.m. (EST).
 - b. Monthly Meeting: February 5, 2020, 10:00 a.m. (EST)
12. Adjourn
Adjourned at 11:03 a.m.

Research (Listing only active projects)

- **NCHRP 10-97 - “Detection and Remediation of Soluble Salt Contamination Prior to Coating Steel Highway Structures”** – Research Agency: Elzly Technology Corporation – Research in progress - The final report will be published in the NCHRP report series in Spring 2019.
- **NCHRP 12-104 - “Guidelines to Improve the Quality of Element-Level Bridge Inspection Data”** – Research Agency: University of Missouri – Research in progress - Estimated completion date: November 10, 2017.
- **NCHRP 12-108 - “Guide Specification for Service Life Design of Highway Bridges”** - Research Agency: Modjeski & Masters Inc. – Research in progress - Estimated completion date: February 28, 2019.
- **NCHRP 12-110 - “AASHTO Load Rating Provisions for Implements of Husbandry (Farm Equipment)”** – Research Agency: E&T Consultant Engineers – Research in progress – Estimated completion date: October 20, 2019.
- **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 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 49-03 – “Bridge Demolition Practices” –** Research Agency: Collins Engineering – Research in progress – Second panel meeting August 21, 2018.
- **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 – Second panel meeting scheduled for June 25, 2019.
- **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 – Second panel meeting scheduled for June 26, 2019.
- **NCHRP Project 20-07/Task 410 – “Load Rating for the Fast Act Emergency Vehicles EV-2 and EV-3” –** Research Agency: HNTB NY – Research in progress – Estimated completion date March 25, 2019.

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