

MINUTES:

DRAFT

When: Wednesday, November 4th, 2020 11:00 – 12:00 PM (PDT)

Where: Web-conference

- I. There were 28 attendees to the WBPP regional web meeting. Attendees included:

Kyle Bartfay – Phoscrete Concretes
Andrew Blower - Oregon DOT
Brandon Henning – Nevada DOT
John Hooks – NCPP
Chris Keegan – NCPP
Darlene Lane – NCPP
Herb McDowell – Idaho DOT
Becky Nix – Utah DOT
Natasha Butler – Colorado DOT
Gregg Freeman – Kwik Bond Polymer
Ed Welch - NCPP
Mario Costanzo
Raj Ailarey – FHWA
Richard Dunne – GPI
David Benton - Arizona
Matt Harlan – David Evans & Associates
Maxwell McCarthy
Mitzi McIntyre
Theresa Jones – City of Reno
Travis Kinney – Oregon DOT
Benoit Cordoba – Wyoming DOT
Chris Higgins
Diana Hellman
Earl Franks
Josh Sletten
Brent Schiller
Chris Long
Tim Woolery

- II. Welcome/Introductions

Herb welcomes everyone, takes roll call, and moves to accept minutes from the previous month's phone meeting. There are no objections and minutes are accepted.

III. Working Group Updates

Preservation Funding Survey:

John: Approximately 500 replies to the survey on local bridge preservation and funding opportunities for bridge preservation. Around 400 responses do perform bridge preservation activities. To consolidate the list and develop candidates for the FHWA bridge preservation task group case study the responses were broken out by each partnership. Each partnership has a two-person team reviewing the responses and developing a final list to be presented as a case study candidate. There were 70 responses from the WBPP area. Travis and Gregg are the reviewers for the WBPP group. The overall objective is to get down to 8 to 12 from the total responses to be part of the case study.

Travis: The WBPP had 70 total responses to the survey. A few responses gave a very detailed response to the open question about funding challenges. Has been paired down to 6. We are focusing on those that do preservation. Will be following up with these candidates before they finalize the list of candidates to take back to the whole group.

Ed: Were we specific about preservation vs bridge preservation in the survey?

Travis: We were specific on bridge on the survey. There are some agencies that said that they don't differentiate between roadway preservation compared to bridge preservation. Those were mostly smaller agencies.

Raj: He was part of northeast selection team. We looked at others that didn't do preservation and wondering about why these agencies don't.

Travis: Most the agencies that responded that they don't do preservation, did not give more detail on why. Sounds like using the northeast for those agencies would be good.

Becky: No preservation on local agencies bridges, only on state owned bridges. 25% of the bridge funds go to preservation on state owned bridges.

Travis: locals will have to use their own program to fund preservation.

Becky: They might be getting total system funds that they are using for preservation on bridges.

- Sonoma County, Ca: Example of local agency utilizing federal funding but noting barriers for smaller projects. 328 bridges; does use federal and state funds for preservation.
- Seattle, Wa: Knowledgeable user on funding mechanisms for locals. 124 bridges: does use local funding on preservation.
- Santa Barbara County, Ca: User discusses challenge with off-system bridges. 118 bridges; does use federal and state funds for preservation.

- Boulder County Public Works, Co: Smaller scale county that doesn't use federal funds but does allocate local funding to preservation. 92 bridges; uses local funding on preservation.
- Bonner County Road and Bridge, Id: Smaller scale county that doesn't use federal funds but does allocate local funding to preservations. 38 bridges; uses federal, state, and local funds for preservation.
- Hood River Co., Or: User notes it is cheaper to allow the bridge to reach a state of disrepair than to perform preservation. 24 bridges; uses state funds for preservation. This state said that it was better to let a bridge go into disrepair instead of spending money on preservation. Why is it cheaper to let a bridge go into disrepair instead of preserving it.

2020 Webinar: TSP2 Webinars

- Thursday September 24th: Est. duration: 2 hours (550 attendees)
Webinar Topic: Bridge Deck Preservation Using Overlays
- Thursday October 1st: Est. duration: 1.5 hours (448 attendees)
Panel Session Topic: Bridge Preservation by eliminating of Bridge Joints
- Thursday October 15th: Est. duration: 1.5 hours (267 attendees)
Panel Session Topic: Impact of Covid-19 & Budget Restrictions on Bridge Inspection & Bridge Preservation Programs
- Thursday October 29th: Est. duration: 1.75 hours (339 attendees)
Panel Session Topic: Bridge Preservation Using Preventative Maintenance/ On-Demand Contracts
- Thursday November 5th: Est. duration: 2 hours
Webinar Topic: Local Agency Bridge Preservation
- Thursday November 19th: Est. duration: 2 hours
Webinar Topic: Preventing Corrosion on Steel Bridges
- Thursday December 3rd: Est. duration: 2 hours
Webinar Topic: Repairing Cracked/ Damaged Steel Bridges
- Thursday December 10th: Est. duration: 1.5 hours
Webinar Topic: Bridge Deck Preservation Using Sealers

The webinar videos are available at the below link:

<https://www.youtube.com/c/nationalcenterforpavementpreservation/playlist>

WBPP April 20-22, 2021 In Person Conference, Phoenix

NCPP distributed a survey to each state about travel. Nationally, around 80% responded that they are not allowed to travel at this time. Nine of the western states said no to travel. This could affect the spring 2021 meetings.

TSP2 oversight meeting in a couple weeks. That meeting will discuss the spring meetings for next year. Probably might need to move to fall of next year.

IV. Technical Presentation: Evolution of Bridge Deck Overlays in AZ

Mr. David Benton is the Assistant State Bridge Engineer for Design at ADOT Bridge Group. Mr. Benton is a native Arizonan and received his Bachelor's Degree in Civil Engineering from the University of Arizona. He has worked in ADOT's Bridge Group for over 20 years and has served in a lead role on numerous multi-million dollar bridge projects throughout the State of Arizona. He currently manages the design service area of ADOT's Bridge Group which performs in-house bridge designs throughout the state highway system.

David B. Benton P.E

Bridge Design Manager

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David: Improvements to the Microsilica overlay approach to deal with cracking and spall repairs.

- Increased Overlay Thickness from 1.5 inches to 2.5 inches
- Concrete Protection
 - Temperatures – Night Placement in hot weather
 - Calm Wind Conditions
 - Evaporation rates
- Added Macro Fibers
- Increased Cure Period to 14 days
- Revised Deck Repair Provisions
- Field Demonstrations

David: Majority of low cover bridges using Microsilica have been accomplished – New Spec performing very well. Majority of our Deck Preservation Program is currently using and scoped to use PPC Overlay. Lifted the suspension of Epoxy Overlays and utilized on 2 project to date.

Q&A:

Herb: Idaho has had the same issue with Microsilica. Asked if Arizona could share their new spec for Microsilica.

David: Will give the spec for Microsilica to anyone that needs it. (see attached below)



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AASHTO Program Invoices, Receipts, and FHWA's SP&R Waiver Letter:

Ed: Contribution to the program. Need each partnership to contact states to pay dues to AASHTO. The following link shows who has paid and who needs to pay. It also shows who was the bill sent to in each state. <https://tsp2bridge.pavementpreservation.org/>

FHWA Bridge Preservation Newsletter Topic:

Dick Dunne: FHWA Bridge Preservation Expert Task Group. Looking for topics for there newsletter. Normally a main topic and then some subtopics.

Herb: Ask for topics from the group. We will add to the meeting minutes, so people contact Dick Dunne with any topics.

Dick: Southeast group brought up a topic from Arkansas from someone using drones to identify deck patching needs on bridge decks. Planning on adding the link to the TSP2 presentation to the subtopics for the newsletter.



Richard Dunne, P.E.

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V. Administrative items/ New Business/ Current Budget/ Travel/ Annual Meeting

WBPP Directorship:

- Steering Committee Directors (per the By-Laws):
 - Current
 - (4) State: Herb McDowell, Andrew Blower, Brandon Henning, Natasha Butler
 - (1) Local: **Vacant**
 - (1) Academia: Chris Higgins
 - (2) Industry: Matt Harlan, Josh Sletten
 - (1) At-Large: Travis Kinney (fill with State Agency)
 - (1) FHWA: Chris Long
- Officers:
 - Proposed: (per the By-Laws: State Agency Officers move up after serving 1 year term in that position)
 - Chair: Herb McDowell
 - State Vice Chair: Andrew Blower
 - Industry Vice Chair: Matt Harlan (3 year term)
 - Sec/Tres: Brandon Henning

Adjourn

November 4th will be the next web meeting. 11:00 – 12:00 PM (PDT)