

MINUTES:

FINAL

When: Wednesday, December 5, 2018 12:00 – 1:00 PM (Mountain Time)

Where: Web-conference

I. There were 26 attendees to the WBPP regional web meeting. Attendees included:

Andrew Blower – Oregon, ODOT
Becky Nix – Utah, UDOT
Benoit Cordoba – Wyoming, WYDOT
Chris Hardan – Montana, MDOT
Chris Higgins – Oregon State University
Chris Keagan – Washington, WSDOT
Cody Parker – Utah, UDOT
Darlene Lane – NCPP
David Hoyne – Greenman-Pedersen Inc
Ed Welch – NCPP
Eric Buell – Utah, UDOT
Eric Thorkildsen, Greenman-Pederson Inc
Gregg Freeman – Kwik Bond Polymers
Herbert McDowell – Idaho, ITD
Jill Adkins – Perryman Co
Jon Rooper – Oregon, ODOT
John Hooks – NCPP
Matt Harlan – David Evans & Associates
Mike Collins – Colorado, CDOT
Mitzi McIntyre – CTS Cement
Paul Cortez – Wyoming, WYDOT
Rhett Arnell – Utah, UDOT
Tim Woolery – Advanced Chemical Technologies
Thad Pinkerton – Utah, UDOT
Travis Kinney – Oregon, ODOT
Troy Martin – Nevada, NDOT

II. Welcome/Introductions

Roll call was conducted.

III. Working Group Updates

Local Agency Outreach – Gregg Freeman reported that presentations are still being worked on and the deadline for that is February. The biggest effort may end up being trying to find folks to give the presentations.

Ed reported that the National Working Group did some training last month for the Northern Illinois counties. It was well received.

Becky stated that she was contacted by Utah's local LTAP office about getting these types of presentations for their spring meeting.

Bridge Deck Chloride Testing – Travis reported that the working group is meeting monthly with a good turnout. The goal is to have a final report for owners to use to create a chloride testing program. The report is being worked on right now and the intent is to have a report available by the first regional meetings.

The report will cover: chloride testing importance, network level chloride program, condition assessment and how to manage your program. Report will also discuss project level sampling, where to take samples, sampling methods and actual tests. Additionally the report will talk about service life predictions.

If anyone is interested in participating, please let Travis know and he will add you to the contact list.

Bridge Management Systems – Ed reported that there is a working group dealing with this subject. They continue to have active discussions about what that group will be doing. They are interested in presenting at the regional meeting.

It was not readily apparent who was representing the WBPP in this group. Ed will look into who the Western representative is for monthly updates.

Deck Patch Matrix – Nothing was reported.

IV. Technical Topic

Research on Rating Existing Pin and Hanger Connections for Steel Bridges – Chris Higgins, Oregon State University.

Abstract: Pin and hanger connections were widely used for steel girder bridges in the period of about 1930 to 1980. They are considered fracture critical and require hands-on inspection and careful evaluation. Application of design specification methods for rating these older assemblies can produce inconsistent outcomes. To address these issues,

Caltrans funded research at Oregon State University to evaluate current methods and identify gaps in knowledge. A review of the archival literature was conducted to identify existing rating methods and available experimental data for pin and hanger components. From this review, sufficient data was identified for two of the three connection components. The data were used to evaluate the sufficiency of existing methods and to calibrate resistance factors within the LRFR methodology (MBE) for the strength limit state. Recommendations for revised rating methods are made and knowledge gaps for the remaining assembly elements are discussed.

The pdf for the presentation is attached. If there are any questions about the research or report you can contact Chris at: chris.higgins@oregonstate.edu

V. Administrative Items

2019 Annual WBPP Meeting – A meeting location at the Peppermill in Washoe County, NV has been reserved. The dates are May 14 – 16.

There will be three general topics for the upcoming meeting: technology benefits, rehabilitation & retrofit vs replacement, and innovation materials and methods. It is expected that any proposed presentation should fit one of those topics. The overall theme of the conference would be: “Extending Service Life of Bridges through Preservation”

A planning committee met prior to the WBPP monthly meeting. Several items were discussed during that meeting and Ed summarized the following:

- A discussion took place on how to accommodate the technical tour to the bearing manufacturing plant. Costs were looked at for multiple options and the planning committee agreed to bring a schedule of 10am, May 14th thru 10am May 16th up for a vote at the WBPP December meeting. This schedule allowed for a tour of the bearing plant during their operating hours and to minimize costs to the Partnership.
- There will be a call for presentations going out within the next few weeks. There will be an emphasis on presentations by owners at both the state and local level.
- The committee also discussed sending WBPP directors to other regional preservation meetings and sending WBPP directors to AASHTO committee meetings for Maintenance or Bridges & Structures. It was agreed upon that this should be discussed and voted on during the WBPP December meeting.

Treasury – Ed reported that the WBPP treasury was in great shape. He stated that the average cost to send a director to AASHTO meetings or other regional partnership meetings would be about \$2000 - \$2500. Ed reported what other partnerships were doing in sending directors/officers to these meetings.

Motions - The following motions were brought up, discussed and voted on.

- Change in WBPP Regional Meeting Schedule – A motion was brought forward to accept the proposed schedule brought forward by the agenda planning committee. The motion passed to change the WBPP schedule to 10am, May 14th thru 10am May 16th.

Sending directors to other bridge preservation related meetings for 2019 – A discussion took place to send directors or past chairs to AASHTO Meetings and the regional partnership meetings as follows (quantity of attendees):

- (2) Maintenance Committee (preferably Chair & Vice chair for continuity)
- (1) Committee on Bridges & Structures
- (1) Southeast Bridge Preservation Partnership
- (1) Northeast Bridge Preservation Partnership
- (1) Midwest Bridge Preservation Partnership

The motion passed to send directors or past chairs to the meetings listed above with the following conditions: attendees provide a report back to the WBPP partnership during a monthly meeting describing highlights of the meeting and lessons learned.

- Sending directors to other bridge preservation related meetings for 2020 & beyond – A discussion took place to continue sending directors as described above every year. The motion passed as described in the previous motion with the same conditions and if funds allow.

Technical Topics – If anyone has technical topics for the monthly meeting please get those to Becky at a minimum of a week ahead of the monthly meetings. Technical topics have generally been an opportunity for members to ask for help regarding preservation. It was discussed that it could also be opportunity members to present/teach in lieu of asking for help. Keep that in mind and let Becky know if you have anything.

The next meeting will be on the scheduled date of January 2nd.