

MINUTES:

DRAFT

When: Wednesday, April 6, 2022 11:00 – 12:00 PM (PDT)

Where: Web-conference

I. There were 32 attendees to the WBPP regional web meeting. Attendees included:

Andrew Blower – Oregon DOT
Andrew Pack – Idaho DOT
Benoit Cordoba – Wyoming DOT
Bouazid Choubane - NCPP
Brandon Henning – Utah DOT
Carl Hendricks – Watcom County Washington
Chris Higgins – Oregon State University
Chris Keegan - NCPP
Cody Parker – Utah DOT
Dick Dunne – GPI
Drew Garceau – Collins Engineers
Earl Franks – New Mexico DOT
Eric Buell – Utah DOT
Greg Heilman – Jet Filter System
Gregg Freeman – Kwikbond
Herb McDowell – Idaho DOT
Jarrod Plummer – Montana DOT
Jody Bywater – Washington DOT
Joshua Sletten – WSP
Lorella Angelini – Angelini Consulting Services, LLC.
Mark Libby - HDR
Nancy Huether - NCPP
Natasha Butler – Colorado DOT
Orren Jennings – Oregon DOT
Paul Jensen – JEC
Peter Seibert – UHPC Solutions North America
Raj Ailaney – FHWA HQ
Roman Peralta – Washington DOT
Thomas Collins – Collins Engineers
Tim Woolery – Advanced Chemical Technologies
Theresa Jones – City of Reno
Travis Kinney – David Evans and Associates, Inc.

II. Welcome/Introductions

Andrew welcomes everyone, takes roll call, and moves to accept minutes from the March meeting. There are no objections and minutes are accepted with suggested revisions from Nancy.

III. Working Group Updates

Local Agency Outreach – Travis Kinney

Still moving along with introduction to bridge preservation training for local agencies. Planning presentation with Virginia DOT currently. Currently working on an initiative to push out information regarding the regional meetings to see if we can get more local agency involvement. Off-system bridge funding from the BFP of the IJJA is bringing more funding than usual to local agencies, and the group is looking into how local agencies are incorporating these funds.

Bridge Deck Preservation – Chris Keegan

Looking to start May 1st. Michigan State has taken on the sealer setting task, which should be finished in December, and the work will be completed within the \$20,000 budget. Sarah Sondag is working on putting together a peer exchange on decks. Sarah may be reaching out to present on the projects at the next meeting.

Bridge Inspection – Brandon Henning

No meeting in March. Next meeting is scheduled for April 13th at 10 AM.

ITD Program – Chris Keegan

They are currently working on nine different demonstrations. More state representative involvement is needed.

IV. Technical Presentation – Alchemco Integral Gel Waterproofing Product Update and Case Studies:

Mario Baggio
(804) 502 7178
mario@alchemco.com
www.alchemco.com

Q&A

Andrew B: You say surface prep is pressure washing, but water activates the product. How long do you recommend the surface be allowed to dry before application?

Mario: Good question. The area should be visually dry. You don't need to measure the humidity levels in the concrete. The product starts to penetrate when it is applied and penetrates deeper

with water and continues to penetrate over days. Moisture within the concrete can evaporate while the sealer.

Additionally, the 25-year lifespan helps ensure that owners aren't continually sealing their bridges and have time to address other structures before coming back.

Peter Seibert: Does the Alchemco gel remain watertight when the crack is located in the tension zone esp. in the negative moment area of the bridge?

Mario: What happens is the product will penetrate about $\frac{3}{4}$ " into the crack in the concrete, and then we apply water, causing the gel to form and expand. Depending on the width of the crack, it may take a bit longer to seal the crack. Without water, the gel shrinks. If water is applied to the gel again, the gel will swell again. The gel will prevent water intrusion up to 1400 ft of water pressure.

Chris Higgins: Can the product be applied vertically?

Mario: Yes. We had a project in 2017 on a concrete dry dock where a product with the same technology was successfully applied vertically.

Jarrold Plummer: How does it perform with deicers (magnesium chloride)?

Mario: The product is resistant to a number of chemicals, including deicing agents.

Chris Keegan: We've used this product in Washington, and we like the 25-year life. We did learn that the product doesn't work on painted surfaces.

Mario: That is correct. The product won't penetrate the concrete if it is coated.

Andrew Blower: Are there any issues with freeze-thaw, abrasion, salt scaling?

Mario: No, and this product will also not impact the skid resistance of the concrete.

V. **New Business:**

N/A

VI. **Administrative items/ New Business/ Current Budget/ Travel/ Future Meeting Locations**

The theme for the August WBPP meeting (August 9-11th in Boise, ID) is Effectively Delivering Preservation. There is currently a good list of presentations, but more agency presentations are needed. Current topics include:

- Asset Management/Project Delivery
- Inspection and Field Evaluation for Projects
- Emergency Repairs
- Deck Preservations
- Steel Repairs/Coating/Preservation

State agencies with any potential presentation ideas are encouraged to send ideas to Andrew, Chris K., or Nancy.

Still working on the treasury due to the December meeting. Waiting on treasury updates before planning travel to other meetings and potential sponsorships to the annual meeting.

Chris K. provided website updates – currently five links for states’ specifications don’t work, but that is being updated.

Nancy shared the list of states that have paid the voluntary contributions. There are currently about five western states that have not paid yet this year.

WBPP Directorship:

- Steering Committee Directors (per the By-Laws):
 - Current
 - (4) State: Andrew Blower, Brandon Henning, Natasha Butler, Cody Parker
 - (1) Local: Carl Hendricks
 - (1) Academia: Chris Higgins
 - (2) Industry: Matt Harlan, Josh Sletten
 - (1) At-Large: Andrew Pack (fill with State Agency)
 - (1) FHWA: Chris Long
- Officers:
 - Chair: Andrew Blower
 - State Vice Chair: Brandon Henning
 - Industry Vice Chair: Matt Harlan (3 year term)
 - Sec/Tres: Natasha Butler

(per the By-Laws: State Agency Officers move up after serving 1 year term in that position)

Adjourn

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