

Midwest Bridge Preservation Partnership

2016 Meeting Agenda

Effectiveness of Preservation - Measuring the Difference

Hilton Milwaukee City Center Hotel

Milwaukee, WI
October 3 - 5, 2016

Monday, October 3, 2016		
TIME	TOPIC	MODERATOR/PRESENTER
11:00 – 12:30	New Member Orientation Lunch	Ed Welch, NCPP @ MSU & Jason DeRuyver, MDOT
10:30 – 1:00	Registration	Darlene Lane, NCPP @ MSU WisDOT Staff
	Welcome and Introductions	Moderator: Bill Oliva, WisDOT
1:00 – 1:10	<i>Welcome and Support</i>	Scot Becker, State Bridge Engineer, WisDOT
1:10 – 1:20	<i>Welcome and Support</i>	Randall Leonard, FHWA Oklahoma Division Structural Engineer
1:20 – 1:35	3 Virtual Demos (Watson-Bowman-Acme, Emseal & Transpo Systems)	John Hooks, NCPP @ MSU
	SESSION 1 –Preservation Effectiveness: Measures, Costs & Asset Management	Moderator: Nancy Huether, NDDOT
1:35 – 1:55	Performance Measures	George Hearn, Colorado University
1:55 – 2:15	Preservation as Part of a Bridge Management System	Dave Juntunen, MDOT
2:15 – 2:30	AASHTOWare Bridge Management (BrM) Update	Todd Thompson, SDDOT
2:30 – 2:50	Bridge Preservation and Asset Management	Bill Oliva, WisDOT
2:50 – 3:20	BREAK & Industry Displays	
3:20 – 3:35	3 Virtual Demos (Kwik Bond, Advanced Chemical Tech, Phoscrete)	John Hooks, NCPP @ MSU
3:35 – 3:55	S-BRITE Research Program	Rob Connor, Purdue University
3:55 – 4:25	State DOT, Local Agency & Industry Self-Introductions	All
4:25 – 5:20	(Concurrently Running Sessions)	
	Roundtable Discussion: Performance Measures & Asset Management Plans (3 States' Perspectives, 5 Minutes Each)	Randall Leonard, FHWA Oklahoma Division Structural Engineer
	Industry Meeting	Tom Donnelly, Transpo
5:20 – 7:00	Ice Breaker & Industry Displays	
7:00 -	Dinner on Your Own	
Tuesday, October 4, 2016		
7:00 – 8:00	Breakfast Buffet & Industry Displays	
	SESSION 2 –Preservation of Decks & Joints	Moderator: Jason DeRuyver, MIDOT
7:50 – 8:00	2 Virtual Demos (Premier CPG, AASHTOWare Bridge Management)	John Hooks, NCPP@MSU
8:00 – 8:25	Polymer Modified Joint Performance in Ohio	Mike Brokaw, Ohio DOT

8:25 – 8:50	Well Timed Bridge Preservation in Nebraska	Mark Traynowicz, Nebraska DOR
8:50 – 9:15	Innovative Products, Methods, and Techniques for Deck Patching	Tom Donnelly, Transpo
9:15 – 9:40	Thin Epoxy Overlays in Michigan	Jason DeRuyver, MIDOT
9:40 – 10:15	BREAK & Industry Displays	
10:15 – 11:00	Table Exercise: Bridge Preservation Training and Practices	Tom Donnelly, Transpo Eric Thorkildsen, GPI
11:00 – 12:00	Working Groups Meetings – All are Welcome to Participate Social Media Outreach to Local Agencies Preservation Matrix Deterioration Modeling Research Systematic Preventative Maintenance (Tentative)	Jason DeRuyver, MDOT Lorella Angelini Mike Wenning Eric Burns Fouad Jaber Glenn Washer Scott Stotlemeyer
12:00 – 1:00	LUNCH & Industry Displays	
	SESSION 3 -State & Industry Research: Sharing Preservation Research Results	Moderator: Jeremy Hunter, INDOT
1:00 – 1:15	3 Virtual Demos (AP/M Permaform, Siva Corrosion, SSI)	John Hooks, NCPP @ MSU
1:15 – 2:00	Business Meeting Working Group Chair Updates Additional Items	Jason DeRuyver, MDOT, Chair Working Group Chairs All
2:00 – 2:15	3 Virtual Demos (DS Brown, Metal Fatigue, Bentley Systems)	John Hooks, NCPP @ MSU
2:15 – 2:45	Evaluation of Thin Polymer Overlays for Bridge Decks	Habib Tabatabai U. of Wisconsin-Milwaukee
2:45 – 3:15	BREAK & Industry Displays	
3:15 – 3:45	NCHRP Project 14-36. Proposed Guide for Bridge Preservation	George Hearn, Colorado University
3:45 – 5:00	<u>Bridge Research Needs Breakout Groups</u> Preservation of Bridge Decks Preservation of Bridge Joints Preservation of Bridge Superstructures & Substructures Asset Management and Bridge Preservation Performance Measures	<u>Co-facilitators</u> Don Whisler & Tom Donnelly Phil Benevides & Nick Graziani Larry O'Donnell & Bobby Meade Bill Oliva & Jim Edgerton
5:00 – 6:30	Hospitality Hour & Industry Displays	
6:30 -	Dinner on Your Own	
Wednesday, October 5, 2016		
7:00 – 8:00	Breakfast Buffet & Industry Displays	
	SESSION 4 – Bridge Preservation Related Topics	Moderator: Fouad Jaber, Nebraska DOR
8:00 – 8:15	3 Virtual Demos (AZZ Galvanizing, Hydro-Tech, Crafc0)	John Hooks, NCPP@MSU
8:15 – 8:40	Beam End Treatments	Bobby Meade, GPI
8:40 – 9:05	Thermal Imaging to Support Preservation	Glenn Washer, U. of Missouri
9:05 – 9:30	A Phased Approach to Bridge Deck Asset Management and Condition Rating Using Complimentary NDE Methods.	Shane Boone, BDI
9:30 – 9:50	AASHTO BrM Deterioration Modelling	Todd Thompson, SDDOT
9:50 – 10:30	Bridge Deterioration Modelling Efforts by FHWA and the Long Term Bridge Performance Program	Rob Zobel, FHWA Office of Infrastructure R&D
10:30 - 11:00	Un-manned Aerial Systems	Sarah Sondag, MN DOT Barrit Lovelace, Collins Engineers, Inc.
11:00 – 11:15	Report on Research Needs	Ed Welch, NCPP @ MSU
11:15	Adjourn	
11:30 – 2:00	Technical Tour – Un-manned Aerial System (UAS) “Drone” Bridge Inspection Demonstration (Preregistration Required - Transportation by Bus)	Barrit Lovelace and Marc Stern, Collins Engineers, Inc.

