Midwest Bridge Preservation Partnership 2016 Meeting Agenda

Effectiveness of Preservation - Measuring the Difference

Hilton Milwaukee City Center Hotel

Milwaukee, WI October 3 - 5, 2016

TIME 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 Welcome and Support Scot Becker, State Bridge Engineer, WisDOT 1:10 – 1:20 Welcome and Support 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 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 1:35 – 3:20 Bridge Preservation and Asset Management Bill Oliva, WisDOT 2:30 – 3:30 Sirder Perservation and Asset Management Bill Oliva, WisDOT 3:25 – 3:20 Break & Industry Displays State DOT, Local Agency & Industry Self-Introductions All (Concurrently Running Sessions) Roundtable Discussion: Performance Measures & Asset Management Randall Leonard, FHWA Oklahoma Division Structural Engineer 1:20 – 7:00 Ice Breaker & Industry Displays Tom Donnelly, Transpo 1:20 – 8:00 Breakfast Buffet & Industry Displays Tom Donnelly, Transpo 1:20 – 8:00 Breakfast Buffet & Industry Displays Tom Donnelly, Transpo 1:20 – 8:00 Session 2 – Preservation of Decks & Joints John Hooks, NCPP@MSU 1:20 – 8:00 John Hooks, NCPP@MSU John Hooks, NCPP@MSU 1:20 – 8:00 John Hooks, NCPP@MSU John Hooks, NCPP@MSU 1:20 – 8:00 John Hooks, NCPP@MSU John Hooks, NCPP@MSU 1:20 – 8:00 John Hooks, NCPP@MSU John Hooks, NCPP	Monday, October 3, 2016							
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WisDOT		Welcome and Introductions						
Division Structural Engineer	1:00 - 1:10	Welcome and Support						
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		Polymer Modified Joint Performance in Ohio Mike Brokaw, Ohio DOT						

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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					
	Working Groups Meetings – All are Welcome to Participate Social Media	Jason DeRuyver, MDOT Lorella Angelini					
	Outreach to Local Agencies	Mike Wenning					
11:00 - 12:00	Preservation Matrix	Eric Burns					
	Deterioration Modeling	Fouad Jaber					
	Research	Glenn Washer					
	Systematic Preventative Maintenance (Tentative)	Scott Stotlemeyer					
12:00 - 1:00	LUNCH & Industry Displays						
	SESSION 3 -State & Industry Research: Sharing	Moderator:					
	·	Jeremy Hunter, INDOT					
	Preservation Research Results	•					
1:00 – 1:15	3 Virtual Demos (AP/M Permaform, Siva Corrosion, SSI)	John Hooks, NCPP @ MSU					
	Business Meeting	Jason DeRuyver, MDOT, Chair					
1:15 – 2:00	Working Group Chair Updates	Working Group Chairs					
200 245	Additional Items	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					
	Bridge Research Needs Breakout Groups	<u>Co-facilitators</u>					
	Preservation of Bridge Decks	Don Whisler & Tom Donnelly					
3:45 – 5:00	Preservation of Bridge Joints	Phil Benevides & Nick Graziani					
	Preservation of Bridge Superstructures & Substructures	Larry O'Donnell & Bobby Meade					
	Asset Management and Bridge Preservation Performance Measures	Bill Oliva & Jim Edgerton					
5:00 – 6:30	Hospitality Hour & Industry Displays						
6:30 -	Dinner on Your Own						
	y, 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, Crafco)	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					
0.05 - 0.30	A Phased Approach to Bridge Deck Asset Management and Condition	Shana Paona PDI					
9:05 – 9:30	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	Rob Zobel, FHWA Office of					
3.30 10.30	Bridge Performance Program	Infrastructure R&D					
		Sarah Sondag, MN DOT					
10:30 - 11:00	Un-manned Aerial Systems	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"	B 111 1 111 6					
	Bridge Inspection Demonstration	Barrit Lovelace and Marc Stern,					
	(Preregistration Required - Transportation by Bus)	Collins Engineers, Inc.					
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