

Midwest Bridge Preservation Partnership 2023 Agenda

Hosted by South Dakota Department of Transportation
The Lodge at Deadwood

“Striking Gold by Extending Bridge Life through Preservation”

Tuesday October 17, 2023

TIME	TOPIC/ACTIVITY	MODERATOR/ PRESENTER
8:00 – 11:00	Industry Exhibit Set Up (Pine Crest Ballroom A, C, & D) <i>(Set up will also be available on Monday, Oct. 16th from 4 – 6 pm)</i>	Exhibitors
8:00 – 1:00	2022 MWBPP Registration Desk Open	Darlene Lane, NCPP Katrina Davidson & Teri Morford, SDDOT
11:00 AM	Exhibit Hall Opens (Pine Crest A, C, & D)	All
11:00 – 12:30	New Member Orientation Lunch (Bullock Room) – Invitation Only Welcome & Introduction to the Bridge Preservation Program	Todd Shields, NCPP Sarah Wilson, IL DOT Dave Coley, SDDOT
1:00 PM	SESSION 1: Welcome & Regional Bridge Preservation (Pine Crest B)	Moderator: Todd Thompson, SDDOT
1:00 – 1:20	Welcome by South Dakota DOT	Steve Johnson, Chief Bridge Engineer, SDDOT
1:20 – 1:30	Owner Introductions	Sarah Wilson, IL DOT
1:30 – 2:10	Digital Twin/Rehab of Keystone Wye	Todd Thompson, SDDOT
2:10 – 2:35	Flood Sealing Bridge Decks in Northeast South Dakota	Josh Olson, SDDOT
2:35 – 3:00	Complex Inspection? Simple Solution: Digitizing Inspection Workflow	Marc Parker, Collins Engineers
3:00 – 3:30	Afternoon BREAK & Networking (Exhibit Hall)	All
3:30 PM	SESSION 2: Bridge Management – Timely Preservation (Pine Crest B)	Moderator: Philip Meinel, WisDOT
3:30 – 3:55	AASHTO Preservation Management; BPETG; AASHTO Bridge TWG Presentations	Nancy Huether, NCPP Haylye Brown, LADOTD
3:55 – 4:20	Federal Lands Highway Division Bridge Management System - National Park Service (NPS) Perspective	Jorgomai Ceesay, FHWA Eastern Federal Lands Highway Division
4:20 – 4:45	Berrien County Michigan Using ArcGIS for Bridge and Culvert Preservation Management	Kevin Stack, Berrien County, MI Dave Juntunen, Mott MacDonald
4:45 – 5:30	Panel Session: Bridge Preservation – Doing the Right Thing at the Right Time Panel Members: Brad Noll, ODOT Todd Thompson, SDDOT Jason DeRuyver, HDR, Inc. Kevin Stack, Berrien County, MI Derrick Castle, Sherwin Williams	Panel Moderator: Sarah Wilson, ILDOT
5:30 – 7:00	Networking & Hospitality (Exhibit Hall)	All
7:00 PM	Dinner on Your Own	

Professional Development Hours

PDHs will be available to participants at the completion of the meeting.
The form will be provided to all registrants.

Wednesday October 18, 2023

7:00 – 8:00	BREAKFAST & Networking (Exhibit Hall)			All
8:00 AM	SESSION 3.1: Bridge Preservation Research (Pine Crest B)		SESSION 3.2: Specialty Topics in Bridge Preservation (Bullock)	
	Moderator: Jared Backs, Ohio DOT		Moderator: Walt Peters, Oklahoma DOT	
8:00 – 8:25	Update on TPF-5(436) Effects of Pack-out Corrosion in Steel Bridge Members	Robert J. Connor, Purdue	Drill into Timber Decay: Identifying Internal Timber Decay	Tanner Wild, Collins Engineers, Inc.
8:25 – 8:50	NCHRP DS 22-01: Recent Leading Innovations in Design, Construction and Materials for Concrete Bridge Decks	Ashley Jacobson, MnDOT	Real Time Vehicular and Vessel Collision Monitoring System	Mehdi Kalantari Khandani, Resensys
8:50 – 9:15	WI Research on Deck Infrared Thermography Verification	Philip Meinel, WisDOT	Beyond Federal Aid: Federal Discretionary Grants	Tim Anderson, FHWA
9:15 – 9:40	NDE Scanning and Photogrammetric Data for Concrete Bridge Decks and Girders Condition Assessment	Larry D. Olson, Olson Engineering	Performance Evaluation of Elastomeric Bearing Pad Through Extensive Laboratory Full-scale Testing	Saeed Nejad, Wiss Janney, Elstner Associates, Inc.
9:40 – 10:10	MORNING BREAK & Networking (Exhibit Hall)			All
10:10 AM	SESSION 4.1: Preservation and Inspections (Pine Crest B)		SESSION 4.2: Local Agency Preservation (Bullock)	
	Moderator: Marc Parker, Collins Engineers		Moderator: Drew Storey, Clark Dietz	
10:10 – 10:35	Oklahoma's Five Inch Reinforced Overlays on Continuous Haunched Slab Spans	Walt Peters, ODOT	Statewide Off-System Bridge Load Rating Program (Kansas)	Scott Moeder, GBA
10:30 – 10:55	DOT Oversight for Local Agency NBIS Compliance	Eric Souhrada, IowaDOT	UHPC & Local Agency Bridge Preservation	Dewayne Rogers, Clare County, MI
10:55 – 11:20	SNBI data collection - State's case study	Hooman Parvardeh, AssetIntel	Cost Effective Maintenance Practices for Rural Bridges	Yanling Leng, IMEG Corp
11:20 – 12:00	Panel Session: SNBI Data Collection (Pine Crest B) Panel Members: Jared Backs, ODOT; Haylye Brown, LADOTD Matt Kurle, NDDOT; Jacob Armour, MDOT /AASHTOWare			Panel Moderator: Don Whisler, KDOT
12:00 – 1:00	LUNCH & Networking (Exhibit Hall)			All
1:00 PM	SESSION 5.1: Peer Exchanges	Moderator	Note Taker	Location
1:00 – 1:45	Weathering Steel	Rob Connor, Purdue	James Hisek, SDDOT	Cody
	Workforce Challenges/Needs	Brad Noll, ODOT	Peter Iverson, SDDOT	Russell
	Research Needs – FHWA Research Roadmap	Dick Dunne, GPI	Jim Leaden, Collins Engr	Bullock
	New/Innovative Products	Peter Seibert, UHPC Solutions	Jason DeRuyver, HDR	Pine Crest B
1:45 PM	SESSION 5.2: Peer Exchanges	Moderator	Note Taker	Location
1:45 – 2:30	Deck Sealers	Hadly Eisenbeisz, SDDOT	John Iverson, SDDOT	Cody
	Emergency/Rapid Response	Jason DeRuyver, HDR	Dick Dunne, GPI	Russell
	Preservation in an Urban/High Traffic Environment	Sarah Wilson, ILDOT	Joe Stanisz, IADOT	Bullock
	Load Rating/Posting	Brad Noll, ODOT	Dave Coley, SDDOT	Pine Crest B
2:30 – 3:00	BREAK & Networking (Exhibit Hall)			All
3:00 PM	SESSION 6: Culverts & Local Agency Preservation (Pine Crest B)			Moderator: Andrew Lawver, MnDOT
3:00 – 3:25	CO DOT Bridge Division and Town of Castle Rock Rehabilitate Six Parallel Large Diameter Bridge-Supporting CMPs Using Centrifugal Cast Concrete Pipe			Keith Walker, Waterline Renewal Technologies
3:25 – 3:50	Large Culvert Rehabilitation with a Spray Applied Structural Geopolymer Mortar Lining			Jason DeRuyver, HDR
3:50 – 4:15	History of the Deadwood Box			Katrina Davidson, SDDOT
4:15 – 5:00	Panel Session: Local Agency Maintenance/Preservation Panel Members: Dewayne Rogers, Clare Co., MI; Daren Peterson, Grant Co., SD Joe Miller, Pennington Co., SD; Wes Philips, City of Sioux Falls, SD			Panel Moderator: Bryon Fuchs, NDLTAP Panel Note Taker: Jason DeRuyver, HDR
5:00 PM	Dinner on Your Own			

Thursday October 19, 2023

7:00 – 8:00	BREAKFAST & Networking (Exhibit Hall)		All
8:00 AM	SESSION 7.1: (Pine Crest B)	Moderator:	SESSION 7.2: Industry Meeting (Exhibit Hall)
8:00 – 8:45	InfoBridge Workshop	Shri Bhide, FHWA	Industry Meeting Drew Storey, Clark Dietz MWBPP Vice-Chair (Industry)
8:45 AM	SESSION 8: Stuff Too Good to Miss 😊 (Pine Crest B)		Moderator: Dick Dunne, GPI
8:45 – 9:10	Cathodic Protection Case Studies for Midwest Bridge Structures		Chris Ball, Vector Corrosion
9:10 – 9:35	Bridge Deck Innovations for Longer Life Cycle: INDOT's use of bridge deck technologies on the I-469 Bridge Replacement		Adam Post, INDOT David Brodowski, TrueTech Bridge Robert Cavaliero, Specification Products
9:35 – 9:55	Establishing NDE Protocols for Use in Early Age Bridge Deck Preservation Strategies		Amir Rezvani, Infratek
9:55 – 10:15	Corrosion Prevention and Mitigation Peer Exchange Report		Dick Dunne, GPI
10:15 – 10:45	<p align="center">Panel Session: Working Group Updates Panel Members:</p> <p>Pat Martens, Hydro Technologies- Modified Concrete, Co-Chair – Bridge Deck Preservation Dave Juntunen, Mott MacDonald, Co-Chair – Bridge Preservation BMS Derrick Castle, Sherwin Williams, Chair – Bridge Preservation Coatings Dick Dunne, GPI, Co-Chair – Construction Quality of Bridge Preservation Mario Baggio, Alchemco, Co-Chair – Innovative Technology Demonstration (ITD) Jason DeRuyver, HDR – Local Agency Outreach</p>		Panel Moderator: David Miller, NCPP
10:45 – 11:15	MORNING BREAK & Networking (Exhibit Hall)		All
11:15 AM	SESSION 9: Business Meeting (Pine Crest B)		
11:15 – 12:00	MWBPP Business Meeting - All Welcome		Sarah Wilson, Illinois DOT, MWBPP Chair
12:00	Adjourn		