



NORTHEAST BRIDGE PRESERVATION PARTNERSHIP MEETING POWERPOINT INDEX



September 8-10, 2025 WORCESTER MA

Monday September 8, 2025	
<u>Opening Remarks</u>	Stewart Linz, NCPP
<u>Welcome Massachusetts</u>	Jonathan Gulliver
<u>Massachusetts Bridge Preservation Program</u>	Alyson Bedard; MassDOT
<u>Innovative In-House Vertical and Overhead Bridge Repairs</u>	Kyle Bartfay, Phoscrete Corporation Levi Byers, NHDOT
<u>Extending Bridge Service Life using UHPC Link Slabs</u>	Rich Rooney, Joe Mieczkowski (McFarlandJohnson)
Tuesday, Sept. 9, 2025	
Session: Maintaining Steel Bridges	
<u>New Hope - Lambertville Toll- Supported Bridge Lower Truss Chord Pin Replacement</u>	John Schroettner, GPI Steve Burk, Delaware River Joint Toll Bridge Commission
<u>NJDOT's Approach to SNBI implementation and Asset Management</u>	Rama Krishnagiri, Dhaval Jagirdar, MP Engineers+ Harjit Bal, NJDOT
<u>Cost Saving Surface Preparation Process for Maintenance Painting</u>	Pete Ault, KTA-Tator, Inc
Session: Deck Preservation	
<u>Preservation Strategies Utilizing Polyester Polymer Concrete (PPC) and Hybrid Composite Synthetic Concrete (HCSC)</u>	Tzur Frenkel, Kwik Bond Polymers
<u>Epoxy Polymer Concrete Overlay</u>	Jon Moore, DelDOT
<u>Kernwood Ave Bridge Preservation - Timber Pile Repair Solutions</u>	Timothy Harrington, H&H; Genesis Poz Diaz, Mass DOT
<u>Overheight Collision Case Study</u>	Kyle Smith, GPI; Bob Cisneros, High Steel
Session: Bridge Inspection	
<u>Vermont Agency of Transportation's SNBI Implementation: A Case Study and Lessons Learned</u>	Hooman Parvardeh, AssetIntel
<u>"Using the new AASHTO Guidelines for Risk Based Inspection and Strength Evaluation of Suspension Bridge Main Cable Systems"</u>	Blaise Blabac, Madjeski and Masters
<u>Using SNBI and NBIS to inform bridge preservation: Lessons from the field</u>	Nicole Buck, McFarland Johnson





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Session: Bridge Maintenance	
<u>Maintaining a Interstate Border Bridge</u>	Ben Foster, MaineDOT Levi Byers, NHDOT
<u>Stratford Ave Over Pequonnock River Bridge Rehabilitation, Bridgeport, CT</u>	John McKenna, Cote Nichols, Micheal Baker Int.
<u>Pothole Patching Evolution: Innovative Materials and Methods for Bridge Decks</u>	Marcy Ream, FPT Infrastructure
Session: Misc. Bridge Topics	
<u>WV DOT self-performs installation of pre-engineered modular bridge system</u>	Steven Noble, CMC Bridge Systems
<u>Saving Bridge Piers with Carbon Fiber Warp and Laminate</u>	John Watters, GPI
Session: Innovative Evaluation Technology	
<u>Enhancing Bridge Stability through IoT Remote Monitoring: A Case Study with GNSS and Event Detection Tiltmeters for Barmouth Bridge in UK</u>	Emma Migneault, World Sensing Roger Frenn, Dwidag
<u>Preserving and Extending Service Life of Bridge Decks using Service Life Analysis</u>	Siva Venugopalan, Siva Corrosion Services
Session: NDT-E for Bridges	
<u>Condition assessment of ASR damage of the Varina Enon Bridge pile caps</u>	Nathaniel Dubbs, BDI
<u>Evaluation of Historic Concrete Arch Bridge with NDE, Cores & Laboratory Testing</u>	Wade Martin, Olsen Engineering Inc.
<u>Using non-destructive test methods to preserve concrete bridge members</u>	William A Horne, VCS Engineering
<u>Collaborative, Cross-Agency Participation in the Mayvue Inspection Platform</u>	Ian Weiman, Mayvue
Session: Innovative Preservation	
<u>Early Implementation Bridge Preservation Program using Silane and Epoxy Healer Sealers</u>	Brad Ehle, Advanced Chemical Technologies Inc.
<u>Bridge Scour Mitigation using Concrete Armor Units - 25 years of Performance</u>	Barrie King, Contech Engineering
<u>Rehabilitation of the Dexter Coffin Bridge with Use of UHPC</u>	Jen Pixley & Kevin Zmerta, CHA
<u>Construction Best Practices: Contractor Feedback</u>	Olivia Richards, MassDOT





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<u>I-495 over Route 38 and Route 133 Concrete Pedestals and Bearing Replacements</u>	Andrew Maeser, TEC Inc.
<u>Maintaining Deer Isle-Sedgewick Suspension Bridge</u>	Ben Foster, MaineDOT
<u>D5 Bridge Bundle - MassDOT's First Low-Bid Design-Build</u>	Michael Sullivan, CHA Marco Pereira, MassDOT
<u>FHWA and AASHTO Committee and Group Updates</u>	Kevin Lindell; DeIDOT
<u>BPP Working Group Updates</u>	Various Agencies
<u>Bridge Deck Preservation National Working Group Updates</u>	Various Agencies

