

conference schedule

MONDAY
April 9

MORNING	PLENARY SESSION <i>MODERATOR: Bruce Johnson, Oregon DOT</i>	8:00 AM		P1 Welcome & Opening Remarks
		to		Host State – Florida DOT <i>Brian Blanchard, Florida DOT</i>
				Federal Highway Administration <i>Tom Everett, FHWA</i>
				AASHTO <i>George Connor, AASHTO</i>
		9:30 AM		Industry Perspective <i>Richard Dunne, Michael Baker International</i> <i>Michael Stenko, Transpo Industries</i>
	PLENARY SESSION <i>MODERATOR: Jeff Milton, Virginia DOT</i>	10:00 AM		P2 Best Regional Bridge Preservation Partnership Presentations
		to		MWBPP: MnDOT Bridge Maintenance Training for State and Local Agencies <i>Sarah Sondag, Minnesota DOT</i>
				It's Flooding Down in Texas - Lessons Learned from Seven Mass Flood Events <i>Graham Bettis, Texas DOT</i>
				NEBPP: Preservation of Bridge Retaining Walls <i>Ben Foster, Maine DOT</i>
		12:00 PM		WBPP: A Preservation Contractor's Perspective: The Good and the Bad <i>Kurt Clink, Truesdell Corporation</i>
AFTERNOON	THREE CONCURRENT SESSIONS	1:00 PM		A1 PRESERVATION OF MAJOR BRIDGES <i>MODERATOR: Tom Pechillo, BL Companies</i>
		TO		Extending the Service Life of the Historic Winona Bridge Through Truss over the Mississippi River <i>Daniel Baxter, Michael Baker International</i>
				New River Gorge Bridge Rehabilitation <i>Matthew Lewellyn, Burgess and Niple and Billy Varney, West Virginia DOT</i>
				The Practice of Preserving Suspension Bridge Cables by Dehumidification <i>Barry Colford, AECOM</i>
		3:00 PM		Historic Arch Bridge Rehabilitation and Widening <i>John Sloan, AECOM</i>

THREE
CONCURRENT
SESSIONS
(continued)

1:00 PM

TO

3:00 PM

B1 **PRESERVATION OF JOINTS & BEARINGS**
MODERATOR: Rich Van Allen, TranSystems**NCHRP 12-100 – Guidelines for Maintaining Small Movement Bridge Expansion Joints**

Tripp Shenton, U. Delaware

The Opportunity to Reduce Bridge Preservation Program Demands through Enhanced Quality Expansion Joint and Bearing Installation and Inspection

Ralph Dornsife, Washington DOT

Bridge Joint Safety Concerns and Site Practices

Jeremy Childers, Watson Bowman Acme

Preformed Silicone Expansion Joint Seals for Highway Bridges

Marc Stafford, R. J. Watson, Inc.

1:00 PM

TO

3:00 PM

C1 **PROTECTIVE COATINGS FOR BRIDGE PRESERVATION**
MODERATOR: Ben Foster, Maine DOT**Polyaspartic Coatings for Reducing Bridge Maintenance Painting Costs, a Case Study in Virginia**

Mark Hudson, The Sherwin-Williams Company

Thin Film Coatings (Paint) for Protecting Reinforced Concrete Bridge Elements

Bobby Meade, Greenman Pedersen Inc

New Jersey Turnpike Authority Bridge Coating Assessment and Repainting Capital Program

Mark Nyerges, Greenman-Pedersen Inc

Preventing Crevice Corrosion in New and Existing Steel Bridges

Eric Shoyer, Elzly Technology

THREE
CONCURRENT
SESSIONS

3:30 PM

TO

5:30 PM

A2 **MAJOR BRIDGES & SUPERSTRUCTURES**
MODERATOR: Basak Bektas, Iowa State U.**Effective Repair of Severely Deteriorated Prestressed Beam Ends**

Paul Pilarski, Minnesota DOT

Wallops Island Causeway Bridge Preservation and Rehabilitation

Edward Kluckowski, Freyssinet, Inc.

Implementation of Cathodic Protection as a Bridge Preservation Effort on the Sunshine Skyway Bridge in Florida

Ivan Lasa, Florida DOT

Development of UHPC Joint Detail for Florida Slab Beam Bridge

Francisco Chitty, Florida DOT/Florida International U

GUIDE TO LIVE DEMONSTRATIONS

3:30 PM

TO

5:30 PM

B2 **NEW TECHNOLOGIES FOR BRIDGE PRESERVATION**
MODERATOR: Dave Juntunen, Michigan DOT**Bridge Preservation with Presaturated FRP Composite Materials**

David White, Sika Corporation

Morrison FRP Deck Repairs

Kenneth Huntley, Multnomah County, Oregon

Effective Use of CFRP on Deteriorated Reinforced Concrete Members – Case Histories from Texas

Doug Beer, Texas DOT

Writing a Special Provision for a Fiber Reinforced Polymer (FRP) Strengthening Project

Gregg Blaszak, Milliken Infrastructure Solutions, LLC

GUIDE TO LIVE DEMONSTRATIONS

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AFTERNOON	THREE CONCURRENT SESSIONS (continued)	3:30 PM		C2 PROTECTIVE COATINGS FOR BRIDGE PRESERVATION MODERATOR: Jeffery Pouliotte, Florida DOT Bridge Maintenance Painting in the Land of 10,000 Lakes: MnDOT's Novel Approach to Improving Bridge Maintenance Painting Operations Sarah Sondag, Minnesota DOT and Richard Burgess, KTA-Tator, Inc. NCHRP Domestic Scan Tour 15-03 Successful Preservation Practices For Steel Bridge Coatings Paul Vinik, Greenman-Pedersen, Inc. Successful Implementation of Steel Coating and Other Bridge Rehabilitation Projects – The Importance of Oversight Rex Costley, Texas DOT PANEL SESSION: PROTECTIVE COATINGS FOR BRIDGE PRESERVATION GUIDE TO LIVE DEMONSTRATIONS
		TO	5:30 PM	

TUESDAY
April 10

AFTERNOON	THREE CONCURRENT SESSIONS	1:30 PM		A3 PRESERVATION OF SUPERSTRUCTURES & SUBSTRUCTURES MODERATOR: Rod Thornton, Maryland DOT Toward a 100 Year Bridge Coating System: Bridge Coatings in Japan Winn Darden, AGC Chemicals Americas Florida State Route 16: Rehabilitation and Subsequent Live Load, Strain Gauge Testing Scott Kelly, AP/M Permaform Preservation of Post-Tensioned Bridges Paul Fisk, NDT Corporation
		TO	3:30 PM	
		1:30 PM		B3 NEW TECHNOLOGIES FOR BRIDGE PRESERVATION MODERATOR: Richard Dunne, Michael Baker International Deformable Galvanized Rebars Mike Stroia, AZZ Metal Coatings Preserving, Protecting, and Strengthening our Nation's Bridge Decks with UHPC Gregory Nault, LafargeHolcim and Gilbert Brindley, UHPC Solutions QPL Complexity Vs Product Innovation Lorella Angelini, Angelini Consulting Services, LLC PANEL SESSION: IMPLEMENTING NEW TECHNOLOGY FOR BRIDGE PRESERVATION
		TO	3:30 PM	
		1:30 PM		C3 EMERGENCY RESPONSE & REPAIRS MODERATOR: David Miller, Louisiana DOT&D Superstorm Sandy Emergency Repairs to Scour Damaged Piers at Mathis Bridge Rama Krishnagiri WSP USA, Inc. and Steve Esposito, WSP USA Inc. Repair and Load Rating Verification by Detecting Structural Damage Carlos Gamez, Metal Fatigue Solutions Cost Effective Repair of Fatigue Cracks in Steel Members Chris Keegan, Washington DOT and Diana Echols, Fatigue Technology Bridge Scour Risk Management Rick Marz, Wisconsin DOT
		TO	3:30 PM	

TUESDAY

April 10

AFTERNOON

THREE
CONCURRENT
SESSIONS

4:00 PM TO 5:30 PM		A4 SUBSTRUCTURE PRESERVATION MODERATOR: Mike Wenning, GAI Consultants, Inc. Preservation of Concrete Bridges in a Marine Environment – Targeted Cathodic Protection Jackets for Marine Structures Jason Chodachek, Vector Corrosion Technologies Inc A Bridge To Paradise Greg Illig, Sika, Lambert Knowles, E.T.A and Robert Mouzas, Ministry of Public Works, Govt of Bahamas Jet Filter System's 21st Century Weep-Hole Dewatering & Erosion Control Solution Greg Heilmann, Jet Filter
		B4 ASSET MANAGEMENT & PERFORMANCE MEASURES MODERATOR: Nancy Huether, North Dakota DOT Integrating Inspectors in Project Scoping Becky Nix, Utah DOT Data-Driven Bridge Preservation Management using a Multimodal, Multimethod Approach for Inspection and Monitoring Shane Boone, BDI Bridge Preservation and Wisconsin Structures Asset Management System Bill Oliva, Wisconsin DOT
		C4 EMERGENCY RESPONSE MODERATOR: Graham Bettis, Texas DOT Earthquake Preparedness and Response; Oklahoma DOT's Proactive Approach for Bridges Gregg Hostetler, Infrastructure Engineers, Inc. and Walt Peters, Oklahoma DOT Johnson Drive over I-435 Emergency Repairs Samantha Kevern, HNTB Corporation Fire Damage Inspection and Analysis for a Prestressed Concrete Girder Bridge Matt Harlan, David Evans and Associates, Inc.

WEDNESDAY

April 11

MORNING

THREE
CONCURRENT
SESSIONS

8:00 AM TO 9:30 AM		A5 INSPECTION & CONDITION ASSESSMENT MODERATOR: Rick Marz, Wisconsin DOT Utilizing Drones to Map Your Assets Stephen Schorn, Sixense, Inc. Improving Quality of Bridge Inspections Using Unmanned Aircraft Systems (UAS) Barritt Lovelace, Collins Engineers, Inc. Understanding Bridge Performance and the Effectiveness of Interventions through Accelerated Testing Franklin Moon, Rutgers-CAIT
		B5 ASSET MANAGEMENT & PERFORMANCE MEASURES MODERATOR: Bill Oliva, Wisconsin DOT Performance-Based Bridge Preservation Aran Lessard, Florida's Turnpike Accurately Modeling of Costs to Illustrate the Benefits of Preservation Nancy Huether, North Dakota DOT Optimized Bridge Preservation Strategies Richard Cantin, SIMCO Technologies Inc.

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WEDNESDAY
April 11

MORNING	THREE CONCURRENT SESSIONS (continued)	8:00 AM		C5 DECK PRESERVATION MODERATOR: Brandon Boatman, Michigan DOT
		TO		Protocols for Concrete Bridge Deck Protections and Treatments Basak Bektas, Iowa State U. Evaluation Methods for Preservation of Bridge Decks Chris Ball, Vector Corrosion Services Protocols for Chloride Sampling Michael Brown, WSP USA, Inc.
		9:30 AM		
THREE CONCURRENT SESSIONS		10:00 AM		A6 CORROSION MITIGATION MODERATOR: Richard Kerr, Florida DOT
		TO		Effective Repairs for End Region Cracking in Prestressed Girders Brian Merrill, WJE, inc. Hot-Dip Galvanize or Metalize your Bridge for Bridge Preservation, with Current Case Studies Sarah Wilson, Illinois DOT and Kevin Irving, AZZ Metal Coatings Developing a Corrosion Mitigation Strategy for Service Life Extension in Hampton Roads Adam Matteo, Virginia DOT Application of Cathodic Protection to Mitigate Corrosion and Rehabilitate Bridges Brian Pailles, Vector Corrosion Services
		12:00 PM		
		10:00 AM		B6 ASSET MANAGEMENT & PERFORMANCE MEASURES MODERATOR: Dan Muller, North Carolina DOT
		TO		Increasing ROI Through Performance-Based Bridge Asset Management Mohammed Sayyar, Agile Assets Inc. The Transportation Asset Management Plan and Managing Bridge Networks Nathaniel Coley, Federal Highway Administration Integrating Bridge Preservation into Your TAMP Dave Juntunen, Michigan DOT and Erin VanZee, Kentucky Transportation Cabinet PANEL SESSION: ASSET MANAGEMENT & PERFORMANCE MEASURES
		12:00 PM		
		10:00 AM		C6 DECK PRESERVATION ACTIONS MODERATOR: Larry O'Donnell, Federal Highway Administration
		TO		20 Years of Hydrodemolition of Bridge Decks in Missouri Pat Martens, Bridge Preservation and Inspection Services WSDOT Bridge Deck Preservation Program DeWayne Wilson, Washington DOT Ultra-high Performance Concrete for Bridge Deck Overlays Zachary Haber, Federal Highway Administration Silane's the First Defense in Bridge Preservation Tim Woolery, Advanced Chemical Technologies
		12:00 PM		

WEDNESDAY
April 11

AFTERNOON

THREE
CONCURRENT
SESSIONS

1:00 PM TO 3:00 PM		<p>A7 INSPECTION & CONDITION ASSESSMENT MODERATOR: Dave Juntunen, Michigan DOT</p> <p>A Process for Integrating Inspection and Monitoring Technologies into Bridge Management Programs Marybeth Miceli, Miceli Infrastructure Consulting, LLC</p> <p>Applications and Qualities of NDE Technologies for Bridge Deck Assessment Glenn Washer, U. of Missouri</p> <p>Consideration for Preservation: FDOT District V Preservation Practices Jonathan Jastremsky and Matthew Hodges, Florida DOT</p> <p>Grout Evaluation of External PT Tendons Stephen Schorn, Sixense, Inc.</p>
		<p>B7 PRESERVATION OF LOCAL BRIDGES MODERATOR: Travis Kinney, Oregon DOT</p> <p>UHPC and MDOT's Successful Outreach to Local Agencies Jason DeRuyver, Michigan DOT</p> <p>Municipal Bridge Prioritization - Case Study Rob Dean, AECOM</p> <p>The Cost of Delayed Action - Bridge Repair vs. Rehab vs. Replacement Steven Austin, Texas DOT</p> <p>PANEL SESSION: PRESERVATION OF LOCAL AGENCY BRIDGES</p>
		<p>C7 GUIDES TO GOOD BRIDGE PRESERVATION PRACTICES MODERATOR: Raj Ailaney, Federal Highway Administration</p> <p>ITD Program Launch: Industry Technology Demonstrations Brian Mintz, Phoscrete Corporation</p> <p>Design, Construction and Lessons Learned Related to the Bridge Preservation Program for the Connecticut DOT Chad Perkoski, BL Companies</p> <p>Making Use of the Bridge Preservation Pocket Guides Gregg Freeman, Kwik Bond Polymers</p> <p>Bridge Washing Pocket Guide Michael Brown, WSP USA, Inc.</p>

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AFTERNOON	TWO CONCURRENT SESSIONS	3:30 PM		A8 IMPLEMENTATION OF BRIDGE PRESERVATION RESEARCH <i>MODERATOR: Fouad Jaber, Nebraska DOT</i>
		TO		Virginia SHRP2 R06A Project <i>Jeff Milton, Virginia DOT</i>
		5:00 PM		LTBP Research <i>Rob Zobel, Federal Highway Administration</i>
				Moving from Research to Implementation <i>Judith Corley-Lay, National Center for Pavement Preservation</i>
		3:30 PM		B8 PRESERVATION OF TIMBER STRUCTURES <i>MODERATOR: Tim Woolery, Advanced Chemical Technologies</i>
		TO		Strengthening Nail Laminated Timber Superstructures <i>Jason DeRuyver, Michigan DOT</i>
		5:00 PM		Timber Pile Repairs <i>Travis Kinney, Oregon DOT</i>
				Timber Bridge Preservation <i>Chris Keegan, Washington DOT</i>

THURSDAY
April 12

JOINT PARTNERSHIP MEETING	8:00 AM - 9:45 AM		Joint TSP2 Bridge Preservation Partnership - Agenda To Be Announced
CONFERENCE WRAP-UP	9:45 AM		Conference Wrap-up <i>Anwar Ahmad, FHWA</i>