

# Southeast Bridge Preservation Partnership

## 2022 Power Point Presentations

Hosted by North Carolina DOT in Raleigh, NC

Embassy Suites, Raleigh Durham Research Triangle

August 30 – September 1, 2022

	<b>Topics are Hyperlinked -</b>	
	<b>Hover Mouse over Topic and Click</b>	
	<b>SESSION 1 – Welcome / NCDOT Bridge Highlights (Triangle Ballroom)</b>	<b>Moderator:</b> Tim Sherrill, NCDOT
	Welcome by North Carolina DOT	Kevin Fischer, Assistant State Structures Engineer, NCDOT
	Opening Remarks	Tim Sherrill, NCDOT; Edward Parker, FHWA; Nancy Huether, NCPP @ MSU
	The Swift Island/Lake Tillery Historic Arch Bridge Rehabilitation and Widening	John Sloan, AECOM
	Basnight Bridge Project	Domenic Coletti, HDR
	Afternoon Break & Networking in Industry Exhibit Hall	All
	<b>SESSION 2 – Changes: Inspection &amp; Inventory (Triangle Ballroom)</b>	<b>Moderator:</b> Haylye Brown, LA DOTD
	NBIS & SNBI Final Rule & Implementation	Larry O'Donnell, FHWA
	<b>Panel Session: How States are Dealing with Changes</b>	<b>Panel Moderator:</b> Haylye Brown, LA DOTD
	<b>Panel Members</b> Stephanie Doolittle, LA DOTD      David Snoke, NCDOT      Nanneman, ArDOT      Larry O'Donnell, FHWA	
	<b>Panel Session: Updating Bridge Management Systems to Accommodate Final Rule Changes</b>	<b>Panel Moderator:</b> David Miller, LA DOTD
	<b>Panel Members</b> Hooman Parvardeh, AssetIntel      Zac Boyle, AASHTOWare BrM/Mayvue      Bob Klemens, Bentley Systems	
	Concrete Bridge Engineering Institute (CBEI)	Dr. Oguzhan (Ozzie) Bayrak, The University of Texas at Austin
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Wednesday, August 31, 2022				
	<b>SESSION 3 – Repair &amp; Preservation of Specialized Bridges (Triangle Ballroom)</b>			<b>Moderator:</b> Dick Dunne, GPI
	Preservation of Three NC Moveable Bridges			Jason Doughty, Modjeski & Masters
	Deterioration Identification and Rehabilitation of Prestressed Concrete Piles			Natallia Shanahan, Vector Corrosion Services
	I-95 over Great Pee Dee River – Catching the Piers Being Attacked by Channel Migration			Michael Dukes, CONSOR Engineers
	Developing Preservation Strategies for Signature Bridges			Steven Austin, TxDOT
	SBRITE Center			Rob Connor, Purdue
	<b>SESSION 4 – Bridge Preservation &amp; Asset Management (Triangle Ballroom)</b>			<b>Moderator:</b> Dave Juntunen, Mott MacDonald
	TSP2 Updates & Working Group Reports			Nancy Huether, NCPP; Tim Sherrill, NCDOT Steven Austin, TxDOT; Kyle Bartfay, Phoscrete
	We Manage what We Measure			Graham Bettis, TxDOT
	Bipartisan Infrastructure Legislation (BIL)– Using Funding Wisely			Dan Muller, FHWA
	<b>Panel Session: Using Inspection Data and Asset Management Plans to Support Preservation Decisions</b>			<b>Panel Moderator:</b> Michael Brown, Wiss Janney Elstner Associates, Inc.
	<b>Panel Members</b> Robbie Koirala, GaDOT      Cole Stump, AIDOT      Dave Juntunen, Mott MacDonald      Chad Robinson, WVDOT			
	<b>SESSION 5.1: Proactive Corrosion Strategies for Life Extension</b>		<b>SESSION 5.2: Specific Concrete Repair and Preservation Strategies</b>	
	<b>Location: Reynolds Room</b>		<b>Location: Smith/Cameron Room</b>	
	<b>Moderator:</b> Sean Futch, SCDOT		<b>Moderator:</b> Tim Woolery, Adv. Chemical Technologies, Inc.	
	Surface Applied Corrosion Inhibitors	Max McCarthy, Evonik Corporation	Prestressed Mechanically Fastened FRP to Retrofit Existing Prestressed Conc. Bridge Beams	Dr Rudolf (Rudi) Seracino & Dr Sheng-Hsuan (Mike) Lin, NC State University
	Electrochemical Impedance Spectroscopy (EIS) Testing for Bridge Coatings	Phil Hagerty, AGC Chemicals Americas	External Post-Tensioning of Bridges Using CFRP Composites	Eri Vokshi, Sika Corporation
	Corrosion Resistant Reinforcement – Cost vs Costly	Allen Scarborough, Commercial Metals Co.	Hydrodemolition and LMC in North Carolina	Pat Martens, Bridge Preservation and Inspection Services
	Proactive Strategies to Protect Bridge Substructure and Superstructure	Marcy Ream, FPT Infrastructure	Epoxy Polymer Concrete Overlays	Ray Breer, E-Chem

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## Thursday, September 1, 2022

	<b>SESSION 7– New Technology (Smith/Cameron Ballroom)</b>	<b>Moderator:</b> Steven Austin, TxDOT
	Harkers Island Bridge	Trey Carroll, NCDOT
	Hydrodemolition and UHPC Overlay Preservation Solutions for Bridges	Peter Seibert & John McFadden, UHPC Solutions North America
	NDT/E and Structural Monitoring of Highway Infrastructure - An Overview	Shane Boone, BDI
	FHWA Needs Your Help to Respond to the GAO Report on Corrosion	Dick Dunne, GPI
	<b>SESSION 8.1 – Cathodic Protection in Concrete Workshop</b>	<b>SESSION 8.2 – Coatings Panel Session</b>
	<b>Location: Reynolds Room</b>	<b>Location: Smith/Cameron Room</b>
	<b>Workshop Facilitators:</b> Paul Vinik & Ivan Lasa, GPI	<b>Panel Moderator:</b> TBA
	<i>This discussion will involve the material science and appropriate selection of materials, to maximize the service life of cathodic protection systems used to mitigate corrosion of steel in reinforced concrete.</i>	<b>Panel Members</b> Robbie Koirala, GaDOT      Derrick Castle, Sherwin Williams Tony Serdenes, GPI      Nick/Taylor Saffo, Saffo Contractors