

## IBT / ABC- UTC Monthly Webinars

#	Date	Topic	Presenters
162	9/19/2024	What is Artificial Intelligence & Machine Learning, and Why Should Bridge Engineers Care?	Mark A. Finlayson, Ph.D., Eminent Scholar Chaired Associate Professor of Computer Science, Florida International University, KFSCIS
161	8/15/2024	General Overview of Vessel Collision Risk Analyses	Michael Knott, P.E., Senior Vice President Emeritus, Moffatt & Nichol; Mike Winters, P.E., North Carolina Ports Director, Moffat & Nichol
160	7/18/2024	Bridge Slide over Gila River on ST 79 in Arizona, 1,416' Span	Robert Ringwald, P.E., S.E., Senior Project Manager, Vice President, AECOM; Christopher A. Labye, P.E., Senior Bridge Engineer, Technical Quality Auditor, AECOM
159	6/13/2024	Dogwood Bridge Replacement Utilizing Press Brake Tub Girders	John Gay, P.E., Imperial County Public Works Director; Darab Bouzarjomehri, P.E., Senior Project Manager, NV5 Inc.; Guy Nelson, S.E., P.E., Product Development Director, Valmont Structures
158	5/16/2024	Condition Assessment of In-Service Bridge Cables Using the Innovative BTC Method	Khaled Mahmoud, Ph.D., P.E., Chief Bridge Engineer, BTC, New York City
157	4/18/2024	Ultra-High Performance Concrete (UHPC) Link Slabs Design and Construction	Jim Scarlata, P.E., Assistant Director of the Structures Bureau, New York State Department of Transportation
156	3/21/2024	Accelerated Replacement of the Iconic Nashville Broadway Viaduct Bridge	Clayton Markham, P.E., Director Alternative Delivery, Tennessee Department of Transportation; Donald McCrary, P.E., Senior Lead Bridge Engineer, Gresham Smith
155	2/15/2024	Implementing the New Specifications for the National Bridge Inventory (SNBI): Idaho TD's Plan	Mike Johnson, P.E., State Bridge Engineer, Idaho Transportation Department (ITD); Alan Buehrig, P.E., Bridge Asset Management Engineer, ITD; Patty Fish, Bridge Asset Management Project Manager, ITD; and Rob Schultz, Director of Operations, Mayvue Solutions
154	1/18/2024	Building Bridges at the Speed of Segmental	Matthew Adams, P.E., Senior Lead Bridge Engineer, Corven Engineering an H&H Company
153	12/14/2023	Steel Bridge Rehabilitation Using UHPC to Encase Corroded Steel Beam Ends	Michael P. Culmo, P.E., Chief Bridge Engineer, CHA Consulting, Inc.; Alexandra Hain, PhD, P.E., Assistant Professor, Department of Civil & Environmental Engineering, University of Connecticut
152	11/9/2023	USDOT's Vision for the Future of Transportation Infrastructure, with Emphasis on Bridges	Firas Ibrahim, Ph.D., P.E., Director of the Office of Research, Development and Technology (RD&T), U.S. Department of Transportation, Ted Kniazewycz, P.E., Director of Structures, Tennessee DOT, Rick Liptak, P.E., Chief Bridge Constr. Engineer, Michigan DOT
151	10/12/2023	Ferpecte Concrete Bridge in Switzerland Rehabilitation Utilizing UHPFRC	Eugen Brühwiler, Dr Structural Engineer, Professor and Director of the Laboratory of Maintenance and Safety of Existing Structures, Swiss Federal Institute of Technology Lausanne (EPFL), Switzerland

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150	9/21/2023	Five Million Pound Utah Bridge Slide	Cheryl Hersh Simmons, S.E., Chief Structural Engineer, Utah Department of Transportation; Logan Julander, P.E., Structures Manager, Michael Baker International; and Jim Deschenes, S.E., Director of Alternative Delivery, Ralph L. Wadsworth Construction
149	8/17/2023	First U.S. Bridge with 100% UHPC Superstructure: Michigan's Bricker Road Bridge over Quackenbush Drain	William (Bill) Hazelton, P.E., Managing Director, St. Clair County Road Commission, Michigan; Sherif El-Tawil, Ph.D., P.E., Antoine E. Naaman Collegiate Professor of Civil and Environmental Engineering, University of Michigan and Co-Founder, HiPer Fiber, LLC
148	7/20/2023	Prioritization Efforts for ABC in Texas	Graham Bettis, P.E., State Bridge Engineer and Director of Bridge Division, Texas Department of Transportation; and Bernie Carrasco, P.E., Bridge Management Section Director, Bridge Division, TxDOT
147	6/29/2023	FHWA's Lightweight Concrete Bridge Design Primer – ABC Applications	Reid W. Castrodale, Ph.D., P.E., Castrodale Engineering Consultants, PC
146	5/18/2023	ABC of Detroit's Network Tied Arch using SPMTs	Mike LaViolette, P.E., P.Eng., National Bridge Practice Leader, HDR; Matt Longfield, P.E., S.E., Michigan Bridge Section Leader, HDR; and John Belcher, P.E., Bridge Construction Engineer, Michigan DOT
145	4/20/2023	RIDOT's Glenbridge Avenue Bridge Replacement using Lateral Slide and SPMTs	John W. Preiss, P.E., PMP, State Bridge Engineer, Rhode Island Department of Transportation; and Michael P. Culmo, P.E., Chief Bridge Engineer, CHA Consulting, Inc.
144	3/16/2023	Incremental (Longitudinal) Launching of Bridges	Chiara Rosignoli, P.E., Senior Structural Engineer, H&H
143	2/16/2023	Precast Substructure Connection Details – AASHTO and PCINE Guidance	Michael P. Culmo, P.E., Chief Bridge Engineer, CHA Consulting, Inc.; and Rita L. Seraderian, P.E., LEED AP, FPCI, Executive Director, Precast/Prestressed Concrete Institute Northeast (PCINE)
142	1/19/2023	California's Jacoby Creek Bridge Replacement Jack & Slide (101 SB, Left Bridge)	Jarred Burrows, P.E., Structure Representative, Office of Structure Construction, Division of Engineering Services, California Department of Transportation (Caltrans)
141	12/15/2022	UHPC Connections for Accelerated Restoration of Live Load Continuity – Oklahoma's U.S. 183/412 Bridge over Wolf Creek	Walter (Walt) Peters, P.E., Assistant Bridge Engineer–Maintenance, Oklahoma DOT; Royce W. Floyd, Ph.D., P.E., S.E., Associate Professor, University of Oklahoma; and Trevor J. Looney, Ph.D., P.E., Research Civil Engineer, U.S. Army Engineer Research and Development Center
140	11/17/2022	East 138th Street Bridge Replacement Project: A Marriage of ABC and Digital Delivery at NYSDOT	James H. Flynn, P.E., Director, Office of Structures, New York State DOT; <a href="#">Brenda Crudele</a> , P.E., Director, Structures Design Bureau and Structures Specialty Engineering Bureau, NYSDOT; and Julianne M. Fuda, P.E., Assistant Director, Structures Design Bureau, NYSDOT
139	10/20/2022	Using ABC to Address Climate Change in Alaska's Arctic	Elmer E. Marx, P.E., S.E., Senior Bridge Engineer, Alaska Department of Transportation and Public Facilities; and Nicholas Murray, P.E., S.E., Bridge Engineer, Alaska DOT&PF
138	9/15/2022	Caltrans' 21st Avenue Bridge: Identify & Implement	David Carlin, P.E., Structure Representative, Structure Construction Unit 3665, California Department of Transportation (Caltrans)

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137	8/18/2022	Hawaii DOT's Waikoko Bridge Replacement Project	James Fu, P.E., State Bridge Engineer, Hawaii Department of Transportation; Eric Y. Matsumoto, S.E., Vice President, KSF, Inc.; and Gary T. Iwamoto, Director of Construction Services, KSF, Inc.
136	7/21/2022	DC Department of Transportation (DDOT) I-295 over South Capitol Street Bridge Rehabilitation (Bridge 1016 NB & 1017 SB)	Konjit (Konnie) Eskender, P.E., Bridge Engineer, District of Columbia Department of Transportation (DDOT); John Seifert, P.E., Associate Vice President, JMT; and Ben Cartwright, P.E., Senior Associate, JMT
135	6/16/2022	New Mexico's Precast, UHPC, ABC Bridge: NM 50 over Glorieta Creek	Shane W. R. Kuhlman, P.E., State Bridge Engineer/Bureau Chief, New Mexico Department of Transportation; and Kimberly Coleman, P.E., Bridge Engineer Manager, New Mexico DOT
134	5/19/2022	Experimentation with ABC Technology in South Carolina: S-770 Bridge over Hanging Rock Creek – Lancaster County	Terry B. Koon, P.E., Structural Design Support Engineer, South Carolina Department of Transportation
133	4/21/2022	North Carolina's Rodanthe "Jug Handle" Bridge: Precast Bridge Elements and Innovative Construction Approach	David Peterson, P.E., Director, Structures, RK&K; Jeremy Keene, P.E., Project Manager, Structures, RK&K; and Sean O'Neal, Preconstruction Manager, Flatiron
132	3/17/2022	Precast Concrete Culvert Standards for WSDOT Fish Passage Projects	Mark Gaines, P.E., State Bridge Engineer and Development Division Director, WSDOT; and Bijan Khaleghi, Ph.D., P.E., S.E., State Bridge Design Engineer, Bridge & Structures Office, WSDOT
131	2/17/2022	World's Longest Pultruded Pedestrian Bridge: Bermuda's Flatts Inlet FRP Bridge	Tucker Murphy, Ph.D., President, Friends of Bermuda Railway Trail; and Daniel E. Winey, P.E., Chief Structural Engineer, E.T. Techtonics Product Line, Creative Pultrusions, Inc.
130	1/20/2022	New Hampshire's First Lateral Slide-In Bridge Project: Bearcamp River Bridges, Ossipee, NH	Jennifer Reczek, P.E., Project Manager and Bridge Consultant Design Chief, New Hampshire DOT; Sam White, P.E., Project Manager and Senior Bridge Engineer, McFarland Johnson, Inc.; Jim Bowles, P.E., District Construction Engineer, NHDOT; and Loretta Girard Doughty, P.E., Administrator, Bureau of Bridge Design, NHDOT
129	12/16/2021	MBTA Weekend Railroad Bridge Replacement over Parker Street	Karl Eckstrom, P.E., Senior Director – Bridge / Structures Program, Massachusetts Bay Transportation Authority (MBTA); Michael Ryan, Senior Bridge Project Manager – MBTA Capital Delivery; Bob Penfield, P.E., DBIA, ENV SP, Managing Director – Highway & Structures, VHB
128	11/18/2021	Arkansas' ABC & First Lateral Bridge Slides	Rick Ellis, P.E., State Bridge Engineer, Arkansas Department of Transportation; and Fred Harper, P.E., Department Manager-Bridge, Michael Baker Int'l.
127	10/14/2021	Montana's ABC Clark Fork River Bridge Rehabilitation near Trout Creek	Stephanie Brandenberger, P.E., State Bridge Engineer, Montana Department of Transportation (MDT); and Lenci Kappes, P.E., Ph.D., Innovations & Complex Structures Engineer, MDT
126	9/16/2021	Idaho's ABC Multi-Span Bridge over Snake River Replacement Project	Matt Farrar, P.E., State Bridge Engineer, Idaho Transportation Department; and Shane Brown, P.E., S.E., Senior Engineer, Parametrix, Inc.
125	8/19/2021	Nebraska's All-Precast Bridge: Belden to Laurel Project	Mark Traynowicz, P.E., State Bridge Engineer, Nebraska Department of Transportation

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124	7/22/2021	South Dakota ABC and Monolithic Precast Box Culverts	Steve Johnson, P.E., Chief Bridge Engineer, South Dakota Department of Transportation; and Gerad A. Johnson, Vice President, A-G-E Corporation Contractors
123	6/17/2021	Bring Your A-GaME to ABC – Adding Project Value Using Newer Geotechnical Tools	Derrick Dasenbrock, P.E., Geotechnical Engineer, Resource Center, Federal Highway Administration; and Benjamin Rivers, P.E., Senior Geotechnical Engineer, Resource Center, Federal Highway Administration
122	5/13/2021	How Contractors Can Help Owners Deliver Better ABC Projects	Bill Duguay, P.E., President, Duguay Consulting Group, LLC; Mark Traynowicz, P.E., State Bridge Engineer, Nebraska DOT; and Jack Harney, Vice President, D.W. White Construction, Inc.
121	4/22/2021	Precast Culverts Flood Mitigation & Pedestrian Safety Solution – Allen Creek Railroad Berm Project	Jeremy Hedden, P.E., Project Manager, Bergmann Associates; and Jim Washabaugh, Bridge Product Manager, Northern Concrete Pipe, Inc.
120	3/18/2021	San Antonio Street/Comal River Bridge Rehabilitation – Accelerated Schedule with Precast Elements	Greg A. Malatek, P.E., Public Works Director, City of New Braunfels; Nicholas Nemec, P.E., Senior Engineer, Modjeski and Masters; and Jorge Hinojosa, P.E., General Manager, Bexar Concrete Works
119	2/18/2021	Segmental ABC and More: I-59/20 Birmingham Central Business District Bridges Project	William T. Colquett, P.E., State Bridge Engineer, Alabama DOT; Lloyd L. Pitts, P.E., Chief Bridge Engineer, Volkert, Inc.; and Eric Johnson, P.E., Bridge Engineer, Corven Engineering, a Hardesty & Hanover Company
118	1/21/2021	Blackhall Road Bridge Project: Modular Decked Beams Made with Bulb Tee Girders	Donn Digamon, P.E., State Bridge Engineer, Georgia DOT; Jim Aitken, P.E., Associate Vice President, CHA Consulting, Inc.; Kevin Kahle, P.E., Senior Project Manager, CHA Consulting, Inc.; and Michael P. Culmo, P.E., Chief Bridge Engineer, CHA Consulting, Inc.
117	12/17/2020	Connecticut’s Rapid Rehabilitation of US Route 1 Bridge over I-95	Rabih Barakat, P.E., Principal Engineer, Connecticut DOT; Thomas Laliberte, P.E., Assistant Vice President/Connecticut Structures Lead, WSP USA; and George Gerard, P.E., Senior Structural Engineer, WSP USA
116	11/12/2020	Rapid Replacement of CSX’s Bayou Sara Bridge Swing Span in Alabama	David Knickerbocker, Ph.D., P.E., Movable Bridge Practice Lead, HDR, Inc.; and Kevin Kane, P.E., Project Manager, Brasfield & Gorrie, L.L.C.
115	10/22/2020	2019 Emergency Partial Reconstruction of Nebraska BNSF Bridge 0.95	Jose Mares, P.E., Director of Bridge Engineering, BNSF Railway; Temple Overman, P.E., Bridge Project Engineer, HNTB Corporation; and Tyler Schulke, Deputy Project Manager, Ames Construction
114	9/17/2020	Innovative Contracting Project to Accelerate Replacement of Multi-County Bridges in Iowa	Ahmad Abu-Hawash, P.E., Chief Structural Engineer, Iowa DOT; Phil Rossbach, P.E., Vice President, HDR Engineering, Inc.; Brian P. Moore, P.E., Secondary Roads Research Engineer, Iowa County Engineers Association Service Bureau
113	8/20/2020	Lake Pontchartrain Causeway Bridge & Safety Bay Construction, Past & Present	Carlton Dufrechou, ACIP, General Manager, Lake Pontchartrain Causeway Bridge; Hossein Ghara, P.E., Senior Bridge Design Manager, Volkert, Inc.; G.J. Schexnayder, P.E., Group Manager – Heavy Construction, Boh Bros.

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112	7/23/2020	Deck Replacement of Vermont's I-89 Bridges with Weekend Closures	Kristin Higgins, P.E., State Bridge Engineer and Structures Program Manager, Vermont Agency of Transportation; Eddie He, P.E., Technical Director, AccelBridge; John Whittaker, Project Manager, Kubricky Construction Corp.
111	6/18/2020	Design and Construction of High-Capacity Micropiles in ABC Projects	Paul V. Liles, Jr., P.E., Former State Bridge Engineer, Georgia Department of Transportation; John R. Wolosick, P.E., Senior Advisor, Keller North America; and Tony Sak, P.E., Senior Engineer, Keller North America
110	5/21/2020	Lateral Slide and UHPC Integral Abutment Connections on Iowa's 2019 Camp Creek Bridge Replacement	James S. Nelson, P.E., Director, Bridges & Structures Bureau, Iowa DOT; Brent M. Phares, Ph.D., P.E., Director, Bridge Engineering Center, Iowa State University; and Matt Erickson, Engineer Associate, Iowa DOT
109	4/16/2020	PennDOT's First SPMT Bridge Move: Shaler Street Bridge	Louis J. Ruzzi, P.E., District Bridge Engineer, PennDOT District 11-0; Matthew E. Cochran, P.E., Senior Structural Engineer, H.W. Lochner, Inc.; and Shane Szalankiewicz, P.E., Structure Control Engineer, PennDOT District 11-0
108	3/19/2020	Proprietary Products Regulation: FHWA Rescission and MaineDOT Implementation	John Huyer, P.E., Contract Administration Engineer, FHWA Office of Infrastructure; and Dale Peabody, P.E., Director of Research and Innovation, Maine Department of Transportation
107	2/13/2020	Tennessee DOT's I-240 MemFix4 CMGC ABC Project	Ted Kniazewycz, P.E., F. ASCE, Director, Structures Division, Tennessee Department of Transportation; Jake Williams, P.E., Senior Project Manager, Alfred Benesch & Company; and Chris Kelley, P.E., Project Engineer, Alfred Benesch & Company
106	1/23/2020	Use of ABC Techniques for the Samuel De Champlain Bridge	Guy Mailhot, Eng., M. Eng., FCSCE, FEIC, Chief Engineer, Samuel De Champlain Bridge Corridor, Infrastructure Canada (INFC); and Marwan Nader, Ph.D., P.E., Eng., Senior Vice President and Chief Engineer, T.Y. Lin International
105	12/19/2019	Connecticut DOT's Atlantic Street Railroad Bridge Project	Timothy D. Fields, P.E., Principal Engineer, Consultant Bridge Design, Connecticut DOT; Michelle A. Lynch, P.E., Transportation Supervising Engineer, Consultant Bridge Design, CTDOT; John Antonucci, P.E., Transportation Supervising Engineer, District 3 Construction, CTDOT; and Kevin Conroy, P.E., Project Resident Engineer, Atane Consulting
104	11/7/2019	Colorado DOT's Bronco Bridge over Platte River Replacement Project	Ryan Sullivan-Hope, P.E., Region 5 Design Engineer and Asset Manager, Colorado Department of Transportation; and Gregg Reese, P.E., Senior Technical Advisor, Modjeski and Masters, Inc.
103	10/17/2019	FHWA Bridge Bundling Guidebook (BBG)	Romeo R. Garcia, Bridge Construction Engineer, FHWA; Daniel D'Angelo, P.E., Principal Civil Engineer, Applied Research Associates, Inc.; and Barry Benton, P.E., Vice President, Greenman-Pedersen, Inc.

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102	9/19/2019	Precast Segmental Bridges for the LaDOTD I-49/I-220 Interchange	Paul Vaught, P.E., Assistant Bridge Design Administrator, Louisiana Department of Transportation and Development; Craig Finley, P.E., Managing Principal, FINLEY Engineering Group, Inc.; Ivan Liu, P.E., Bridge Engineer, FINLEY Engineering Group, Inc.
101	8/22/2019	WSDOT's Alaskan Way Viaduct Replacement Project: SR-99 Seattle Tunnel Precast Deck	Mark Gaines, P.E., State Bridge and Structures Engineer, WSDOT; Jim Parkins, P.E., Director of Marketing, Concrete Technology Corporation; and Tim Moore, P.E., S.E., Mega Projects Bridge Manager, WSDOT
100	7/18/2019	Missouri DOT's 2018 Poplar Street Bridge Lateral Slide	Dennis Heckman, P.E., State Bridge Engineer, Missouri Department of Transportation (MoDOT); and Gregory Kuntz, P.E., St. Louis Bridge Section Manager, HDR
99	6/20/2019	Michigan DOT's Use of Externally-Bonded FRP Systems for Bridge Element Strengthening	Matthew Chynoweth, P.E., Chief Bridge Engineer, Director of the Bureau of Bridges and Structures, Michigan Department of Transportation; Steve Kahl, P.E., Bridge Construction and Modeling Engineer, MDOT; and Jason DeRuyver, P.E., Bridge Design Squad Leader, MDOT
98	5/16/2019	Lightweight Superstructure Replacement of MDTA's Patapsco River Flats Bridge	William N. Pines, P.E., Director of Project Development, Maryland Transportation Authority; Robert J. Healy, P.E., Director of Structures, RK&K; and Shilpa S. Kodkani, P.E., Project Manager, RK&K
97	4/18/2019	Caltrans' 2017 Pfeiffer Canyon Bridge Emergency Replacement	Ruth Fernandes, P.E., Acting State Bridge Engineer, Caltrans; Neil Weller, P.E., Bridge Construction Engineer, Caltrans; David Galarza, P.E., Structures Representative, Caltrans; Jason Wilcox, P.E., Structural Materials Representative, Caltrans
96	3/28/2019	Foundation Reuse for Highway Bridges	Frank Jalinoos, Research Engineer, Office of Infrastructure R&D, Federal Highway Administration (FHWA); and Anil Agrawal, P.E., Professor, The City College of New York (CCNY)
95	2/21/2019	Use of Longitudinal Full-Depth Precast Deck Panels on Boston's Commonwealth Avenue Bridge	Alexander K. Bardow, P.E., State Bridge Engineer, Massachusetts Department of Transportation; Sterling Morrone, P.E., Project Engineer, CME Associates, Inc.; and Michael P. Culmo, P.E., Chief Technical Officer, CME Associates, Inc.
94	1/10/2019	FDOT Main Street Bridge over Hogan's Creek Emergency Replacement Using ABC	Sam Fallaha, P.E., Assistant State Structures Design Engineer, Florida Department of Transportation; Robert Woodruff, P.E., Design Project Manager, Wantman Group, Inc.; and Hal L. Jones III, Design-Build Project Manager, Hal Jones Contractor
93	12/13/2018	Connecticut DOT's ABC Decision Process Methodology	Timothy D. Fields, P.E., Transportation Principal Engineer, Connecticut Department of Transportation; and Ashley Heredia, Transportation Engineer II, Connecticut Department of Transportation
92	11/13/2018	Tight Construction Windows for BNSF Railway Bridge 24.8 Replacement in Camas, Washington	Alan Bloomquist, P.E., Assistant Director, Heavy Bridge Division, BNSF Railway; and Jay Hyland, P.E., Vice President/Master Professional, TranSystems

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91	10/18/2018	ABC Methods for Delaware's All-Precast Bridge 1-438	Nicholas Dean, P.E., M.C.E., Project Engineer, Bridge Design, Delaware Department of Transportation
90	9/20/2018	Contractor Perspective on ABC – SHRP2 R04 Spotlight on IL 115 Gar Creek Bridge Lateral Slide	Pamela Hutton, P.E., SHRP2 Implementation Manager, AASHTO; Erik R. Tobey, Estimating/Operations Manager, Tobey's Construction & Cartage, Inc.; and Dale R. Meredith, Estimating/Project Manager, Tobey's Construction & Cartage, Inc.
89	8/23/2018	Use of SPMTs, Barges, and Strand Jacks to Build the Hastings, MN Bridge	Amber Blanchard, P.E., State Bridge Planning and Hydraulics Engineer, Minnesota Department of Transportation; Steve Kordosky, P.E., Hastings Bridge Project Manager, Minnesota Department of Transportation; and Vincent Gastoni, P.E., Principal Bridge Engineer, Parsons
88	7/19/2018	Route 37 EB Mathis Bridge – NJ's Largest Precast Exodermic Deck Replacement Project	Eddy Germain, P.E., Deputy State Transportation Engineer and Director, Bridge Engineering & Infrastructure Management, NJDOT; George R. Kuhn, Project Manager, Division of Project Management, NJDOT; and Rama Krishnagiri, P.E., Senior Technical Principal, WSP USA Inc.
87	6/21/2018	Rhode Island DOT Replaces Bridges over Extended Weekends Using PBES and SPMTs	David W. Fish, P.E., Administrator of Project Management, Rhode Island Department of Transportation; and Witold H. Kloczkowski, P.E., Project Manager, Commonwealth Engineers & Consultants, Inc.
86	5/17/2018	Owner Perspective on ABC – Spotlight on SHRP2 R04 Fort Goff Creek Project and Caltrans' Laurel Street Overcrossing Project	Pamela Hutton, P.E., SHRP2 Implementation Manager, AASHTO; and Dorie E. Mellon, P.E., Senior Bridge Engineer, Caltrans
85	4/19/2018	Partial-Depth Precast Deck Panel Design and Construction in Texas	Gregg Freeby, P.E., Director, Bridge Division, Texas Department of Transportation; Leon Flournoy, P.E., Bridge Construction & Maintenance Engineer, Bridge Division, TxDOT; and Sara Watts, E.I.T., Bridge Design Engineering Assistant, Bridge Division, TxDOT
84	3/15/2018	Construction Methodology for Alconétar Arch Bridges in Spain	Javier Martinez Gutierrez, Executive Director of ALE Heavylift, Naval Architect; and Jordi Revoltós, M. Sc. Structural Engineer Head of Bridges and Viaducts Department, SENER
83	2/15/2018	Northeast Extreme Tee (NEXT) Beam with Rochester VT Case Study	Rita Seraderian, P.E., Executive Director, Precast/Prestressed Concrete Institute Northeast; Rob Young, P.E., Senior Project Manager, Structures Section, Vermont Agency of Transportation; Joe Carrara, President, J.P. Carrara & Sons, Inc.
82	1/18/2018	Designer Perspective on Tackling ABC Projects – Spotlight on SHRP2 R04 Gila River Project	Pamela Hutton, P.E., SHRP2 Implementation Manager, AASHTO; Mark Chase, P.E., Senior Vice President, AZTEC Engineering Group, Inc.
81	12/14/2017	Accelerated Bridge Strengthening using UHPFRC	Eugen Brühwiler, Ph.D., Professor, Dr Structural Engineer, Swiss Federal Institute of Technology (EPFL), Lausanne, Switzerland
80	11/16/2017	Prestressed/Precast Florida-Slab-Beams for Robust Local Bridges and Accelerated Construction	Steve Nolan, P.E., Senior Structures Design Engineer, State Structures Design Office, Florida Department of Transportation
79	10/19/2017	Use of Pretensioned Bent Caps in Texas	Gregg Freeby, P.E., Director, Bridge Division, Texas Department of Transportation; and Christopher Miller, P.E., Designer, Bridge Division, TxDOT

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78	9/21/2017	Ohio's Muskingum County Bridge Replacement with SPS Deck on Press-Break-Formed Steel Tub Girders	Douglas Davis, P.E., County Engineer, Muskingum County, Ohio; Rolando Moreau, Bridge Lead, Intelligent Engineering; and Dave Cox, Plant Manager, Maico Industries, Inc.
77	8/10/2017	87-Hour Bridge Construction in Arizona: ABC and ARC at the Speed of Commerce	Annette Riley, P.E., Assistant Division Administrator, Infrastructure Delivery and Operations Division, Arizona DOT; Kevin Kimm, P.E., Senior Structural Engineer, Kimley-Horn and Associates; and Reece Green, Project Manager, Pulice Construction, Inc.
76	7/20/2017	NCHRP 12-98, Part 2: Dynamics of Bridge Systems	Michael P. Culmo, P.E., Vice President of Transportation & Structures, CME Associates Inc.; and NCHRP 12-98 Principal Investigator
75	6/29/2017	NCHRP 12-98, Part 1: Tolerances for Prefabricated Bridge Elements and Systems (PBES)	Michael P. Culmo, P.E., Vice President of Transportation & Structures, CME Associates Inc.; and NCHRP 12-98 Principal Investigator
74	5/18/2017	Virginia's Rehabilitation of I-64 Dunlap Creek Bridges Using High-Performance Link Slabs and Overlay Materials: ABC Component	Adam Matteo, P.E., State Structure and Bridge Engineer for Bridge Maintenance, Virginia DOT; Rex Pearce, P.E., Staunton District Bridge Engineer, VDOT; and Celik Ozyildirim, Ph.D., P.E., Principal Research Scientist, Virginia Transportation Research Council
73	4/20/2017	PennDOT's Rapid Bridge Replacement Project Utilizing Folded Steel Plate Girder Bridge	Tom Macioce, P.E., Chief Bridge Engineer, Pennsylvania Department of Transportation; Ben Boisvert, P.E., Design Build Manager, Walsh/Granite JV; & Curt Beveridge, Project Manager, Walsh/Granite JV
72	3/16/2017	Georgia's Rapid Replacement Utilizing Full-Depth Precast Deck Panels with UHPC Closure Joints	Bill DuVall, P.E., State Bridge Engineer, Georgia Department of Transportation; and Dexter Whaley, P.E., Bridge Design Group Manager, GDOT
71	2/16/2017	Programmatic Implementation and Value of ABC – The VTrans Approach	Wayne B. Symonds, P.E., Structures and Hydraulics Program Manager, Vermont Agency of Transportation (VTrans); Kristin Higgins, P.E., ABP/PIIT Senior Project Manager, VTrans; and Jennifer Fitch, P.E., ABP/PIIT Project Manager, VTrans
70	1/19/2017	ABC Rehabilitation of Historic Franklin Avenue Bridge	Nancy Daubenberger, P.E., Division Director, Engineering Services, Minnesota DOT; Bala Sivakumar, P.E., Lead Designer (ABC), HNTB; and Travis Konda, Ph.D., P.E., Construction Engineer, HNTB
69	12/15/2016	From HCB to ABC – The Knickerbocker Bridge in Boothbay, Maine	Wayne Frankhauser, Jr, P.E., Bridge Program Manager, Maine DOT; and John Hillman, P.E., S.E., President & CEO of HCB, Inc., and Director of Bridge Technology for Parsons
68	11/17/2016	West Virginia's Basnettsville Bridge Lateral Slide	Steven Jarrell, Bridge Project Manager, West Virginia DOT; Jeffrey Gola, P.E., Project Manager, Thrasher Engineering; and Jason Nelson, P.E., District 4 Construction Engineer, West Virginia DOT
67	10/20/2016	Accelerated Bridge Construction in New York State	Richard Marchione, P.E., Deputy Chief Engineer - Structures, NYSDOT; Mathew Royce, P.E., Director, Structures Design Quality Assurance Bureau, NYSDOT; and John Neidhart, P.E., Supervisor, Bridge Foundation and Construction Support Unit, Office of Structures, NYSDOT
66	9/15/2016	Latest ABC Innovations in Railway Bridges in the US	Kevin Eisenbeis, P.E., Director of Bridges, Burns and McDonnell



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65	8/25/2016	PennDOT SR 30 over Bessemer Avenue Bridge Replacement in One Weekend	Louis J. Ruzzi, P.E., PennDOT District 11-0 Bridge Engineer, Pittsburgh area; John Myler, PennDOT Assistant Construction Engineer, District 11-0; and Bala Sivakumar, P.E., Vice President, Director-Special Bridge Projects, HNTB
64	7/14/2016	Alabama's Bridge Slide on Ross Clark Circle over an Existing Culvert	Paul Froede, P.E., Miscellaneous Structures and Bridge Design Section Supervisor, Alabama DOT
63	6/16/2016	Concrete Filled Steel Tube Bridge Pier Connections – An ABC Solution	Bijan Khaleghi, Ph.D., P.E., S.E., State Bridge Design Engineer, Washington State DOT; Dawn Lehman, Ph.D., Professor, University of Washington; and Charles Roeder, Ph.D., P.E., University of Washington
62	5/19/2016	Ontario's Rapid Installation of Single-Span Bridges	Dina Miron, P.E., Head, Structural Section, Ministry of Transportation, Ontario, Eastern Region; and Michel Vachon, P.E., Manager, Bridge Engineering, Ottawa, Ontario MMM Group Limited, a WSP Company
61	4/21/2016	Ontario's Rapid Installation of Concrete Rigid Frame Bridges	Dina Miron, P.E., Head, Structural Section, Ministry of Transportation, Ontario, Eastern Region; and Trevor Small, P.E., Sr. Project Manager, Bridge Engineering, MMM Group Limited, a WSP Company
60	3/17/2016	Accelerated Bridge Construction Risk, A Contractor's Perspective	Walter Eggers, P.E., Technical Director and Tom Mousel, P.E., Structural Engineer, Kiewit Infrastructure Engineers; and Raymond Paul Giroux, P.E., Senior Engineer, Kiewit Bridge and Marine
59	2/25/2016	Tennessee DOT's Fast Fix 8 Project in Downtown Nashville	Wayne Seger, P.E., Director, Structures Division, Tennessee DOT; Lia Obaid, P.E., Assistant Director of Construction, TDOT; and Ted Kniazewycz, P.E., Senior Bridge Engineer with Gresham, Smith & Partners
58	1/21/2016	UHPC Connections for Accelerated Bridge Construction	Benjamin A. Graybeal, Ph.D., P.E., Team Leader for Bridge Engineering Research, FHWA
57	12/17/2015	Industry Perspective on Precast Element Details for Successful ABC Projects	William Nickas, P.E., Managing Director, Transportation Services, PCI; and Keith Kaufman, Ph.D., P.E., Chief Engineer, Prestressed Concrete Division, Knife River Corporation
56	11/30/2015	Iowa County Bridge Constructed of K-UHPC	Brian Keierleber, P.E., County Engineer & Alex Davis, P.E., Assistant County Engineer, Buchanan County, Iowa; and Hosin "David" Lee, Ph.D., P.E., Professor, University of Iowa
55	10/29/2015	Connecticut DOT's Weekend Closure to Replace I-84 Bridges over Marion Avenue	Timothy D. Fields, P.E., Transportation Principal Engineer, ConnDOT; Mary E. Baker, P.E. & Mohammed Bishtawi, P.E., Transportation Supervising Engineers, ConnDOT
54	9/24/2015	Oklahoma DOT's ABC Bridge Replacement on SH-51 over Cottonwood Creek	Randle White, P.E., Division Engineer, Field Division 8, Oklahoma DOT; and Jason Langhammer, P.E., Senior Project Manager, Garver
53	8/20/2015	PennDOT Replacement of Route 581 Bridge during Weekend Closures	Tom Macioce, P.E., Chief Bridge Engineer, PennDOT; and Harivadan Parikh, P.E., District Bridge Engineer, PennDOT District 8
52	7/23/2015	Emerging ABC Connection Details for High Seismic Areas	M. Saiid Saiidi, Ph.D., P.E., Professor, University of Nevada, Reno; and Sri Sritharan, Ph.D., Professor, Iowa State University

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51	6/30/2015	Case Study: GRS-IBS with Folded Plate Girders in Nebraska IBRD/ABC/EDC Implementation	Khalil Jaber, P.E., Deputy Director for Engineering, Nebraska Dept. of Roads; Fouad Jaber, P.E., Assistant State Bridge Engineer, Nebraska DOR; & Matt Macey, P.E., VP & Chief Structural Engr., CDR Bridge Systems
50	5/21/2015	Boeing North Bridge in Washington State	Gregory A. Banks, P.E., Project Engineer, BergerABAM
49	4/16/2015	Incorporating Proprietary Products in ABC Projects	John Huyer, P.E., Contract Administration Engineer, FHWA Office of Infrastructure; & Dale Peabody, P.E., Director of Transportation Research, Maine DOT
48	3/26/2015	Utah DOT's Experience with UHPC	Carmen Swanwick, P.E., Chief Structural Engineer, Utah DOT; Cheryl Hersh Simmons, P.E., Structures Design Manager, Utah DOT; and Eric Wells, Area Manager, Granite Construction Company
47	2/19/2015	PBES for Local Systems – Iowa's Perspective, Experience, and Research	Ahmad Abu-Hawash, P.E., Chief Structural Engineer, Iowa DOT; Vanessa Goetz, P.E., Secondary Road Research Engineer, Iowa DOT; & Brent Phares, Ph.D., P.E., Iowa State University & ABC-UTC
46	1/22/2015	Detailing of ABC Bridges for Simplicity and Durability	Michael P. Culmo, P.E., Vice President of Transportation and Structures, CME Associates, Inc., East Hartford, CT
45	12/18/2014	Colorado Flyover Ramp Showcases Precast Pier Caps and Curved Spliced Precast U-Girders	Mansour Mike Mohseni, P.E., Project Manager, Bridge Design, CDOT; Ken Saindon, P.E., S.E., Project Manager, Atkins; & Clint Krajnik, P.E., S.E., Structural Engineer, Tsiouvaras Simmons Holderness
44	11/10/2014	Milton-Madison Bridge Replacement: the Mega-Lateral Slide	Kevin Hetrick, P.E., Design Director, Office of Innovative Project Delivery, Indiana DOT; Aaron Stover, P.E., Project Manager, Michael Baker Engineers; & Charlie Gannon, P.E., Project Manager, Walsh Construction
43	10/16/2014	Accelerated Bridge Construction in Pennsylvania	Lou Ruzzi, P.E., District Bridge Engineer, PennDOT (Pittsburgh area); & Nikki Bedillion, P.E., Senior Associate, Johnson, Mirmiran & Thompson, Inc.
42	9/16/2014	Lateral Slide of Historic Bridge in Washington State	Brenden Clarke, P.E., Design-Build Manager, WSDOT; & Kevin T. Dusenberry, S.E., Senior Project Manager, Jacobs
41	8/21/2014	Semi-Integral Abutments with UHPC Connection for ABC Bridges in New York State	Wahid Albert, P.E., Director, Structures Design Bureau, NYSDOT
40	7/29/2014	Performance of ABC Bridges in Utah	Carmen Swanwick, P.E., Chief Structural Engineer, Utah Department of Transportation
39	6/19/2014	Precast Substructures, Part 2 – Comparison of Non-seismic and Seismic Connection Details	M. Lee Marsh, Ph.D., P.E., President & CEO, BergerABAM
38	5/15/2014	Precast Substructures, Part 1 – Comparison of Non-seismic and Seismic Connection Details	M. Lee Marsh, Ph.D., P.E., Principal & Seismic Specialist, BergerABAM
37	4/17/2014	Crane Sizing for ABC Bridges	Michael C. Bone, P.E., Chief Engineer, Construction Engineering Consultants, Hollywood, Florida
36	3/20/2014	Wisconsin DOT's Rawson Avenue Bridge Replacement using Precast Elements and Systems	William Oliva, P.E., Chief, Structures Development, WisDOT – Bureau of Structures
35	2/27/2014	SHRP2 Solutions – R02 Geotechnical Tools for Accelerated Bridge Construction Projects	Vernon Schaefer, Professor, Iowa State University, & Silas Nichols, P.E., Principal Bridge Engineer, FHWA

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34	1/23/2014	Modular Decked Folded-Plate Beams for ABC Applications	Maury Tayarani, P.E., Bridge Project Manager, MassDOT – Highway Div.
33	12/19/2013	New York State's I-84/Dingle Ridge Road Lateral Bridge Slide	Jerry A. DiMaggio, PE, D.GE, TRB SHRP2 Impl. Coordinator, & Bala Sivakumar, PE, VP, Director-Special Bridge Projects, HNTB
32	11/14/2013	ABC using Self-Propelled Modular Transporters – MassDOT's Wellesley Cedar Street Bridge	Joseph P. Gill, P.E., President, Gill Engineering, Needham, MA
31	10/24/2013	Washington State's Skagit River Bridge Emergency Slide	Bijan Khaleghi, Ph.D., P.E., S.E., State Bridge Design Engineer, Bridge & Structures Office, WSDOT
30	9/18/2013	Integral Abutments for ABC Bridges in Vermont	Wayne B. Symonds, P.E., Structures Design Engineer, & Bill Lammer, Accelerated Bridge Program Lead Designer, Vermont Agency of Transportation
29	8/22/2013	ABC Applications in Segmental Bridge Construction	William R. (Randy) Cox, P.E., Manager, American Segmental Bridge Institute
28	7/25/2013	National PBES/ABC Project Exchange	Benjamin Beerman, PE, Senior Structural Engineer, FHWA Resource Center, Atlanta, GA
27	6/13/2013	Applying ABC Concepts to Long-Span/Complex Bridges	Theodore (Ted) P. Zoli, PE, National Bridge Chief Engineer, HNTB Corporation
26	5/9/2013	ABC Replacement of a Bridge over Thanksgiving Weekend in Allegheny County, Pennsylvania	Michael Dillon, PE, MBA, Allegheny County Department of Public Works, Pittsburgh, Pennsylvania & Mark Pavlick, PE, Project Manager, HDR Engineering
25	4/17/2013	ABC and Geosynthetic Reinforced Soil (GRS) Bridge Abutments in Ohio	Warren Schlatter, PE, PS County Engineer, Defiance County, Ohio
24	3/21/2013	ABC and Innovative Bridge Construction for Minnesota Local Roads	Christopher Werner, PE, Project Manager, HDR Engineering, Minneapolis-St. Paul, Minnesota
23	2/14/2013	ABC Bridges from a County Perspective	Eugene Calvert, PE, PTOE, Engineering Supervisor & Marlene Messam, PE, Project Manager, Collier County, Florida
22	1/10/2013	Work-Zone Road User Costs – Comparison between ABC and Conventional Construction	Nathaniel Coley, Engineer, Office of Transportation Performance Management, Federal Highway Administration, Washington, DC
21	12/11/2012	Economical Details over Piers Using Simple-for-Dead-Load & Continuous-for-Live-Load Design – Part 3: ABC Steel Girder Bridges – Field Application of Simplified and Typical Details	Wayne J. Seger, P.E., State Bridge Engineer, Tennessee Department of Transportation; & Mark J. Traynowicz, P.E., State Bridge Engineer, Nebraska Department of Roads
20	11/7/2012	Economical Details over Piers Using Simple-for-Dead-Load & Continuous-for-Live-Load Design – Part 2: ABC Steel Girder Bridges – Simplified Details from Latest Research	Atorod Azizinamini, Ph.D., P.E., Professor & Chair, Department of Civil & Environmental Engineering, Florida International University
19	10/18/2012	Economical Details over Piers Using Simple-for-Dead-Load & Continuous-for-Live-Load Design – Part 1: ABC Concrete Girder Bridges	Francesco (Frank) M Russo, Ph.D., P.E., Senior Technical Manager, Bridges, Michael Baker Jr., Inc., Philadelphia, PA
18	9/13/2012	ABC Short-Span Low-Volume Bridge Types & Lessons Learned – Part 3: Concrete	William Nickas, P.E., Managing Director, Transportation Services, Precast/Prestressed Concrete Institute (PCI)
17	8/21/2012	ABC Short-Span Low-Volume Bridge Types & Lessons Learned – Part 2: Composites	John P. Busel, Director, Composites Growth Initiative, American Composites Manufacturers Association (ACMA)

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16	7/26/2012	ABC Short-Span Low-Volume Bridge Types & Lessons Learned – Part 1: Steel	Bill McEleney, Director, National Steel Bridge Alliance
15	6/14/2012	2012 Domestic Scan on ABC Connections, Findings & Recommendations	Alexander K. Bardow, P.E., State Bridge Engineer, Massachusetts Department of Transportation
14	5/10/2012	Construction Contractor Series #3: Experiences with ABC Projects in Massachusetts	Jack Harney, Director of Operations, J.F. White Contracting Co., Boston, Massachusetts
13	4/12/2012	Construction Contractor Series #2: Experiences with ABC Projects in Utah	Eric Wells, Structures/Alternate Procurement Manager, Granite Construction Company, Salt Lake City, Utah
12	3/15/2012	Construction Contractor Series #1: Experiences with ABC Projects in Texas	William G. Duguay, P.E., Houston Area Manager, J.D. Abrams L.P., Houston, Texas
11	2/16/2012	Part 2 – Everyday Solutions: Application of SHRP2-developed Tools in Case Studies	Bala Sivakumar, P.E., Co-PI, SHRP2 R04 & VP of Special Bridge Projects, HNTB
10	1/17/2012	Part 1 – Everyday Solutions: ABC Standard Designs from SHRP2	Bala Sivakumar, P.E., Co-PI, SHRP2 R04 & VP of Special Bridge Projects, HNTB
9	12/15/2011	Deck Series #4: Recent Durability Performance Results in Closure Joints of Modular Bridge Decks [NCHRP 10-71]	Z. John Ma, Ph.D., Assoc. Prof., Dept. of Civil & Env. Engr., University of Tennessee, Knoxville
8	11/17/2011	Deck Series #3: Full-Depth Prefabricated Bridge Deck Options for Durability and Cost [Oregon DOT]	Bruce Johnson, P.E., Oregon DOT Bridge Engineer & Chair, AASHTO Technical Committee for Bridge Preservation
7	10/11/2011	Deck Series #2: Field-Cast UHPC Connections in Full-Depth Precast Bridge Decks [FHWA TFHRC Research]	Benjamin A. Graybeal, Ph.D., P.E., Structural Concrete Research Program Mgr., FHWA, Turner-Fairbank Highway Research Center (TFHRC)
6	9/29/2011	Deck Series #1: State-of-the-Art Full-Depth Precast Concrete Bridge Decks [PCI State-of-the-Art Report; NCHRP 12-65]	Sameh S. Badie, Ph.D., P.E., Assoc. Prof., Civil & Env. Engr. Dept., George Washington University; & Benjamin A. Graybeal, Ph.D., P.E., Structural Concrete Research Program Mgr., FHWA, Turner-Fairbank Highway Research Center (TFHRC)
5	8/25/2011	A Planning Phase Decision Tool for Accelerated Bridge Construction [product from FHWA-sponsored pool funded study TPF 5(221)]	Benjamin Tang, P.E., Preservation Managing Engineer, Bridge Engineering Section, Technical Services, Oregon DOT
4	7/14/2011	Lightweight Concrete for Accelerated Bridge Construction	Reid W. Castrodale, Ph.D., P.E., Director of Engineering, Carolina Stalite Company, Salisbury, North Carolina
3	6/2/2011	A Technical Overview of FHWA's Upcoming ABC Manual	Michael Culmo, Vice President of Transportation & Structures, CME Associates, Inc., East Hartford, Connecticut
2	4/20/2011	ABC Technical Resources Available from Utah DOT	Carmen Swanwick, Chief Structures Engineer, UDOT
1	3/11/2011	Inaugural Webinar	Greg Nadeau, FHWA; Mal Kerley, AASHTO SCOBS; Shoukry Elnahal, MassDOT