IBC 2010 Technical Program by Session

Keynote/Plenary

Monday, June 7, 2010 Chair: Jeffrey J. Campbell, P.E., International Bridge Conference[®] 2010 General Chair

Cable Stayed Bridges: The way forward Peter R. Taylor, Ph.D., P.Eng., P.E., Buckland and Taylor, Ltd., North Vancouver, BC, Canada.....

Overview of the Maryland State Highway Administration Neil J. Pedersen, Administrator, Maryland State Highway Administration, Baltimore, MD

Featured Agency

Monday, June 7, 2010			
Chair: Robert Healy, Deputy Director, Office of Structures, MSHA			
StateStat: The State of the State of Maryland Bridges Robert Healy, Deputy Director, Office of Structures, Maryland State Highway Administration, Baltimore, MD			
Woodrow Wilson Bridge Project: "Water in the Ducts" James Ruddell, PE, CCM, PB Americas, Inc., Portland, OR			
Concrete Arch Bridge over Rock Creek Paul J. Alterini, P.E., Parsons Transportation Group, Baltimore, MD			
I-95 Express Toll Lanes Dave LaBella, P.E., Maryland Transportation Authority, Baltimore, MD			
Research Efforts to Test and Detect Chlorides in Concrete and their Effects on Durability and Strength			
Jeff Robert, Maryland State Highway Administration, Baltimore, MD			
Smart Aggregate - A Chloride Detection System Rengaswamy (Srini) Srinivasan, The Johns Hopkins University, Applied Physics Laboratory, Laurel, MD			
Accelerated Bridge Construction: The Replacement of MD 362 over Monie Creek William N. Pines, P.E., Maryland State Highway Administration, Baltimore, MD			
Preserving the Bay Bridge Geoffrey V. Kolberg, P.E., Former Maryland Transportation Authority Chief Engineer, STV, Inc., Baltimore, MD			
The American Legion Bridge, MD No. 1510000, I-495 over Potomac River Cecil W. Kincaid, P.E., Maryland State Highway Administration, Baltimore, MD			
Curtis Creek Bascule Span Rehabilitation Dan Williams, P.E., Maryland Transportation Authority, Baltimore, MD; Scott Reynolds, P.E., Hardesty & Hanover, LLP, Annapolis, MD			
Four Span Bridge on MD 32 over Liberty Reservoir Mark Glass and Rod Thornton, Maryland State Highway Administration, Baltimore, MD			
Span Replacement of MD 90 over Assawoman Bay William N. Pines, P.E., Maryland State Highway Administration Structures, Baltimore, MD			
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Design, Part 1

Tuesday, June 8, 2010
Chair: Kenneth J. Wright, P.E., HDR Engineering, Inc., Pittsburgh, PA
The 4th Street Bridge - Crossing the Pueblo Rail Yard with Colorado's Longest
Highway Span
John Dvorak, P.E., FIGG, Pueblo, CO; Karen Rowe, P.E., Colorado Department
of Transportation, Region 2, Pueblo, CO; Steve Fultz, P.E., FIGG, Denver, CO
Fantasy Harbour Bridge
Zhugang "Amos" Liu, P.E. and Gregory Sigmon, P.E., STV/Ralph Whitehead Associates, Inc., Charlotte, NC; Barry Bowers, P.E., South Carolina Department
of Transportation, Columbia, SC
of Transportation, Columbia, SC
Design and Construction Check of the Astana Arch Bridge
(Not Available at Time of Publication)
Alexandre Chaperon, Advitam, Vélizy Cedex, FRANCE
The George Street Bridge Over Route 18 and Boyd Park
Thomas Zink, P.E., Gannett Fleming, Inc., Mount Laurel, NJ ; Michael
DiGiacomo, P.E., Gannett Fleming, Inc., Orlando, FL
Analysis and Design of the New St. Croix River Extradosed Bridge
Preston D. Vineyard and Darren Vian, Ph.D., P.E., Parsons Brinckerhoff, New
York, NY
Replacement of the Hillery Street Bridge over the Passaic River, Passaic County,
NJ Bruce Varalius, P.F. Greenman Pederson, Inc. Lebanon, NJ: Aurolia Mayor
Bruce Karalius, P.E., Greenman-Pederson, Inc., Lebanon, NJ; Aurelia Mayer, Passaic County Engineer, Paterson, NJ
Tussue County Engineer, Tuterson, no
Seismic Performance of Precast Bridge Columns with Energy Dissipating Joints
Sarira Motaref, PhD student of Earthquake and Structural Engineering
Research Assistant, University of Nevada, Reno, NV

Long Span Bridges Tuesday, June 8, 2010

Chair:	Herbert M. Mandel, P.E., GAI Consultants, Inc., Homestead, PA	
Andrew Yeowa	uction and Organization of a Major Sea Crossing in Korea rd and Don Fraser, Halcrow Group Ltd, Swindon, Wilts, UK; Koo o E & C Ltd, Busan, Korea	
C. Tony Hunley	nessee River Bridge - Innovative Long-Span Design y, P.E., S.E.and Don Mills, P.E., S.E., ENTRAN, PLC, Lexington,	528
Benjamin Soule	an River Inlet Bridge e, International Bridge Technologies, San Diego, CA ; Eric Nelson, portation, Nashville, TN	536
Construction in Young-Jae Seo	Characteristics of Some Unique Cable-Stayed Bridges under h Korea , <i>Kyoung-Jae Lee, Jae-Hong Kim, Daelim Industrial Company,</i> orea	543
Natalie McCon	rhart Tied Network Arch Bridge nbs, P.E., S.E. and Frank Blakemore, P.E., HNTB, Kansas City, rt, P.E., S.E., Kansas Department of Transportation, Topeka, KS	551
(Not Available Jung-Min Nam	Control of Sepoong Bridge : A Curved Cable-Stayed Bridge at Time of Publication) b, Joong-San Ahn, Jung-Nam Lee, and Jae-Hong Kim, Daelim apany, Ltd., Seoul, South Korea	557
Main Bridge D	Design and Construction Innovations of the Autoroute A-25 Project	

Main Bridge Design and Construction Innovations of the Autoroute A-25 Project Thomas Spoth, P.E., Joseph Viola, P.E., Augusto Molina, P.E., and Seth Condell, P.E., Parsons, New York, NY.....

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