



CONVENTION SCHEDULE

Disney's Contemporary Resort

Orlando, Florida

November 5-6, 2019

Tuesday Morning, November 5

GENERAL SESSION – OPENING

Fantasia H-J

Session Chair: Patrick Malone
ASBI President, *PCL Construction Services, Inc.*

8:30 AM	Welcome and Committee Reports Patrick Malone, ASBI President, <i>PCL Construction Services, Inc.</i>	
9:00 AM – 10:00 AM	Case Study: Wekiva River Project Alex Randell, <i>Finley Engineering Group, Inc.</i>	
10:00 AM – 10:30 AM	Exhibitor Showcase and Break	<i>Fantasia G</i>
GENERAL SESSION – LATEST ISSUES AND NEW DIRECTIONS		<i>Fantasia H-J</i>
Session Chair: Patrick Malone ASBI President, <i>PCL Construction Services, Inc.</i>		
10:30 AM – 11:00 AM	Grouted Post-Tensioning: Past, Present and Future Andrea Schokker, <i>University of Minnesota – Duluth</i>	
11:00 AM – 11:30 AM	New PTI Specs Gregory Hunsicker, <i>OnPoint Engineering and Technology LLC</i>	
11:30 AM – 12:00 PM	Ultra High-Performance Concrete: Recent Advancements and Emerging Solutions Ben Graybeal, <i>FHWA</i>	
12:00 PM - 1:30 PM	Bridge Awards Luncheon	<i>Sorcerer's Apprentice Ballroom</i>

Tuesday Afternoon, November 5

GENERAL SESSION – DURABILITY AND SERVICE LIFE

Fantasia H-J

Session Chair: Elie Homsí

ASBI Vice President, *Parsons*

1:30 PM – 2:00 PM	Construction of the Concrete Segmental Harbor Bridge - A Cable-Stayed Main Span and Long Span Approaches in Corpus Christi, Texas <i>Forrest Prillaman, Harbor Bridge Project</i> <i>Chris Ursery, FIGG</i>	
2:00 PM – 2:30 PM	Extending the Service Life of PT Bridges: Locating Grout Defects, PT Tendon Drying and Impregnation <i>David Whitmore, Vector Corrosion Technologies</i> <i>Ivan Lasa, Florida DOT</i>	
2:30 PM – 3:00 PM	FHWA Global Study on Electrically Isolated Tendons <i>Reggie Holt, FHWA, Office of Bridge Technology</i> <i>Kevin Western, Minnesota DOT</i>	
3:00 PM – 3:30 PM	Exhibitor Showcase and Break	<i>Fantasia G</i>
GENERAL SESSION – CASE STUDIES AND DESIGN		<i>Fantasia H-J</i>
Session Chair: John Corven		
ASBI Secretary/Treasurer, <i>Corven Engineering, Inc.</i>		
3:30 PM – 4:00 PM	US54 Canadian River Bridge: New Mexico's First Cast-in-Place Segmental Bridge, Logan, NM <i>Nyssa Beach, Jacobs Engineering</i> <i>Kimberly Coleman, New Mexico DOT</i> <i>Jeff Mehle, McNary Bergeron & Associates</i> <i>Mike Wold, Malcolm International</i>	
4:00 PM – 4:30 PM	Design Considerations for Unbonded Post-Tensioning Tendons <i>Kent Montgomery, FIGG</i>	
4:30 PM – 5:00 PM	Veterans Memorial Bridge in Daytona Beach, Florida: Design and Construction of Signature Segmental Concrete Arch <i>Victor Ryzhikov, WSP USA, Inc.</i> <i>Christopher Vanek, WSP USA, Inc.</i>	

Wednesday Morning, November 6

DESIGN / CONSTRUCTION SESSION

Session Chair: Matthew Chynoweth

ASBI Executive Committee, *Michigan DOT*

Fantasia H

8:30 AM – 9:00 AM	Parametric Study of Post-Tensioned Girders with Bonded and Unbonded Tendons with Flexible Filler Madiha Ammari, <i>The Ohio State University</i> Natassia Brenkus, <i>The Ohio State University</i>	
9:00 AM – 9:30 AM	Constructability in Segmental Construction – Advice and Best Practices to Encourage Success Jeremy Johannesen, <i>McNary Bergeron & Associates</i>	
9:30 AM – 10:00 AM	Current State of the Art - Stay Cable Technologies Overview Roger Frenn, <i>DYWIDAG Systems International USA, Inc.</i>	
10:00 AM - 10:30 AM	Exhibitor Showcase and Break	
BRIDGE INFORMATION MODELING (BIM) Session Chair: Steven Byars ASBI Executive Committee, <i>RS&H, Inc.</i>		<i>Fantasia J</i>
8:30 AM – 9:15 AM	Using the BIM Bridge Model After the Design Process Alex Mabrich, <i>Bentley Systems, Inc.</i>	
9:15 AM – 10:00 AM	Integrated Precast Segment Drawing BrIM/Production - HART 3. Honolulu, HI Ivan Liu, <i>Finley Engineering Group, Inc.</i>	
10:00 AM - 10:30 AM	Exhibitor Showcase and Break	<i>Fantasia G</i>

Wednesday Morning, November 6

INTERNATIONAL SESSION

Session Chair: Mike Keever

ASBI Executive Committee, *Caltrans*

Fantasia H

10:30 AM – 11:00 AM	<p>Upgrading the 4th Ring Transportation Corridor by Adding an Elevated Expressway in Zhengzhou, China – Project Overview, Design and Layout of the PC Yards, and Geometry Control</p> <p><i>Gernot Komar, Sun Engineering & Technology International</i></p>
11:00 AM – 11:30 AM	<p>Construction Engineering for the Tawatina Bridge - A Cast-In-Place, Concrete Segmental Extradosed Bridge, Edmonton Valley Line LRT, Alberta, Canada</p> <p><i>Jerry Pfuntner, Finley Engineering Group, Inc.</i></p>
11:30 AM – 12:00 PM	<p>Design and Construction of the Dardanelles Viaducts – A Series of Incrementally Launched Segmental Concrete Bridges in a High Seismic Zone</p> <p><i>Julien Erdogan, Freyssinet, Inc.</i> <i>Drew Micklus, Freyssinet, Inc.</i></p>

INSPECTION AND RATING

Session Chair: Barton Newton

ASBI Executive Committee, *WSP USA, Inc.*

Fantasia J

10:30 AM – 11:00 AM	<p>Inspection and Monitoring of Stay Cables</p> <p><i>Werner Brand, DYWIDAG Systems International</i></p>	
11:00 AM – 11:30 AM	<p>GCRTA Special Bridge Inspection: Instrumentation, 3D FEM Calibration, and Analysis of an In-Service LRT Bridge</p> <p><i>Kent Dickens, HDR</i> <i>Ying Tan, HDR</i></p>	
11:30 AM – 12:00 PM	<p>Baldwin Bridge, CT – Dauphin Bridge, AL: Structures That had Uniqueness When Originally Constructed and Are Being Rated for the First Time with LRFR</p> <p><i>Philip Walker, Michael Baker International</i></p>	
12:00 PM - 1:00 PM	<p>Keynote Luncheon</p>	<p><i>Sorcerer's Apprentice Ballroom</i></p>
1:15 PM - 5:00 PM	<p>Wekiva Replacement Project Tour</p>	<p><i>Convention Porte Cochère</i></p>