



# **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	<b>Welcome and Committee Reports</b> Patrick Malone, ASBI President, <i>PCL Construction Services, Inc.</i>	
9:00 AM – 10:00 AM	<b>Case Study: Wekiva River Project</b> Alex Randell, <i>Finley Engineering Group, Inc.</i>	
10:00 AM – 10:30 AM	<b>Exhibitor Showcase and Break</b>	<i>Fantasia G</i>
<b>GENERAL SESSION – LATEST ISSUES AND NEW DIRECTIONS</b>		<i>Fantasia H-J</i>
<b>Session Chair:</b> Patrick Malone ASBI President, <i>PCL Construction Services, Inc.</i>		
10:30 AM – 11:00 AM	<b>Grouted Post-Tensioning: Past, Present and Future</b> Andrea Schokker, <i>University of Minnesota – Duluth</i>	
11:00 AM – 11:30 AM	<b>New PTI Specs</b> Gregory Hunsicker, <i>OnPoint Engineering and Technology LLC</i>	
11:30 AM – 12:00 PM	<b>Ultra-High-Performance Concrete: Recent Advancements and Emerging Solutions</b> Ben Graybeal, <i>FHWA</i>	
12:00 PM - 1:30 PM	<b>Bridge Awards Luncheon</b>	<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	<b>Construction of the Concrete Segmental Harbor Bridge - A Cable-Stayed Main Span and Long Span Approaches in Corpus Christi, Texas</b> Forrest Prillaman, <i>Harbor Bridge Project</i> Chris Ursery, <i>FIGG</i>
2:00 PM – 2:30 PM	<b>Extending the Service Life of PT Bridges: Locating Grout Defects, PT Tendon Drying and Impregnation</b> David Whitmore, <i>Vector Corrosion Technologies</i>
2:30 PM – 3:00 PM	<b>FHWA Global Study on Electrically Isolated Tendons</b> Reggie Holt, <i>FHWA, Office of Bridge Technology</i> Kevin Western, <i>Minnesota DOT</i>
3:00 PM – 3:30 PM	<b>Exhibitor Showcase and Break</b>

*Fantasia G*

## GENERAL SESSION – CASE STUDIES AND DESIGN

*Fantasia H-J*

**Session Chair:** John Corven

ASBI Secretary/Treasurer, *Corven Engineering, Inc.*

3:30 PM – 4:00 PM	<b>US54 Canadian River Bridge: New Mexico's First Cast-in-Place Segmental Bridge, Logan, NM</b> Nyssa Beach, <i>Jacobs Engineering</i> Kimberly Coleman, <i>New Mexico DOT</i> Jeff Mehle, <i>McNary Bergeron &amp; Associates</i> Mike Wold, <i>Malcolm International</i>
4:00 PM – 4:30 PM	<b>Design Considerations for Unbonded Post-Tensioning Tendons</b> Kent Montgomery, <i>FIGG</i>
4:30 PM – 5:00 PM	<b>Veterans Memorial Bridge in Daytona Beach, Florida: Design and Construction of Signature Segmental Concrete Arch</b> Victor Ryzhikov, <i>WSP USA, Inc.</i> Christopher Vanek, <i>WSP USA, Inc.</i>

# Wednesday Morning, November 6

## DESIGN / CONSTRUCTION SESSION

*Fantasia H*

**Session Chair:** Mike Kiggins

ASBI Executive Committee, *Kiewit Infrastructure West Co.*

8:30 AM – 9:00 AM	<b>I-59/20 Bridge Replacement – Design</b> John Corven, <i>Corven Engineering, Inc.</i> Bob Sward, <i>Structural Technologies VSL</i>
9:00 AM – 9:30 AM	<b>Constructability in Segmental Construction – Advice and Best Practices to Encourage Success</b> Jeremy Johannesen, <i>McNary Bergeron &amp; Associates</i>
9:30 AM – 10:00 AM	<b>Current State of the Art - Stay Cable Technologies Overview</b> Roger Frenn, <i>DYWIDAG Systems International USA, Inc.</i>
10:00 AM - 10:30 AM	<b>Exhibitor Showcase and Break</b>

## BRIDGE INFORMATION MODELING (BIM)

*Fantasia J*

**Session Chair:** Steven Byars

ASBI Executive Committee, *RS&H, Inc.*

8:30 AM – 9:15 AM	<b>Using the BIM Bridge Model After the Design Process</b> Alex Mabrich, <i>Bentley Systems, Inc.</i>
9:15 AM – 10:00 AM	<b>Integrated Precast Segment Drawing BrIM/Production - HART 3. Honolulu, HI</b> Ivan Liu, <i>Finley Engineering Group, Inc.</i>
10:00 AM - 10:30 AM	<b>Exhibitor Showcase and Break</b>

*Fantasia G*

# Wednesday Morning, November 6

## INTERNATIONAL SESSION

**Session Chair:** Mike Keever

ASBI Executive Committee, *Caltrans*

*Fantasia H*

10:30 AM – 11:00 AM	<p><b>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</b></p> <p><i>Gernot Komar, Sun Engineering &amp; Technology International</i></p>
11:00 AM – 11:30 AM	<p><b>Construction Engineering for the Tawatina Bridge - A Cast-In-Place, Concrete Segmental Extradosed Bridge, Edmonton Valley Line LRT, Alberta, Canada</b></p> <p><i>Jerry Pfuntner, Finley Engineering Group, Inc.</i></p>
11:30 AM – 12:00 PM	<p><b>Design and Construction of the Dardanelles Viaducts – A Series of Incrementally Launched Segmental Concrete Bridges in a High Seismic Zone</b></p> <p><i>Julien Erdogan, Freyssinet, Inc.</i> <i>Drew Micklus, Freyssinet, Inc.</i></p>

## INSPECTION / CONSTRUCTION

**Session Chair:** Barton Newton

ASBI Executive Committee, *WSP USA, Inc.*

*Fantasia J*

10:30 AM – 11:00 AM	<p><b>Inspection and Monitoring of Stay Cables</b></p> <p><i>Werner Brand, DYWIDAG Systems International</i></p>	
11:00 AM – 11:30 AM	<p><b>GCRTA Special Bridge Inspection: Instrumentation, 3D FEM Calibration, and Analysis of an In-Service LRT Bridge</b></p> <p><i>Kent Dickens, HDR</i> <i>Ying Tan, HDR</i></p>	
11:30 AM – 12:00 PM	<p><b>I-59/20 Bridge Replacement – Construction Progress</b></p> <p><i>John Corven, Corven Engineering, Inc.</i> <i>Bob Sward, Structural Technologies VSL</i></p>	
12:00 PM - 1:00 PM	<p><b>Keynote Luncheon</b></p>	<p><i>Sorcerer's Apprentice Ballroom</i></p>
1:15 PM - 5:00 PM	<p><b>Wekiva Replacement Project Tour</b></p>	<p><i>Convention Porte Cochère</i></p>