



AGENDA



Monday, April 17

10:00 a.m.–12:00 p.m.	H&H Community of Practice (<i>Frisco 7</i>)	<i>The Hydrology and Hydraulics Community of Practice was launched in May 2022 and we are excited to have our first opportunity to convene in person. During this session, we will gather the Community to discuss the most salient challenges facing our practice today. This session is for TxDOT staff only, with focus on the District Hydraulic Engineer and other staff who lead/perform H&H design, and is also open to staff who are not registered for the full conference.</i>
1:00 p.m.–3:00 p.m.	<p>Welcome and General Session (<i>Frisco 6</i>)</p> <p>Dallas Welcome</p> <p>Messaging in TxDOT</p> <p>TxDOT Project Development</p> <p>Bridge Division Welcome</p> <p>Design Division Welcome</p> <p>TxDOT Project Delivery and Safety</p>	<p>Moderator: Jamie Farris, TxDOT Bridge Division</p> <p>Ceason Clemons, Dallas District Engineer</p> <p>Alejandro Garcia, TxDOT Director of Communications and Public Affairs</p> <p>Mo Bur, TxDOT Director of Project Development</p> <p>Graham Bettis, Bridge Division Director</p> <p>Marisabel Ramthun, Design Division Director</p> <p>Jessica Butler, TxDOT Director of Safety and Operations</p>
3:00 p.m.–3:30 p.m.	Break (<i>Frisco Foyer/Exhibitor Area</i>)	
3:30 p.m.–5:00 p.m.	<p>BRG Breakout Session: Bridge Project Spotlight (<i>Frisco 7</i>)</p> <p>IH 410 Direct Connector Project, San Antonio</p>	<p>Moderator: Jon Boleware, TxDOT Bridge Division</p> <p>Igor Kafando, TxDOT Bridge Division</p> <p>Travis Owens, TxDOT San Antonio District</p> <p>Danny Gallegos, TxDOT San Antonio</p>
	<p>DES Breakout Session 1: Highway Safety & Operations (<i>Frisco 8</i>)</p> <p>Traffic Simulation and its Application to Project Development</p> <p>Design Exception Guidance & Requirements</p> <p>Traffic and Safety Analysis Procedures (TSAP) Manual Update</p>	<p>Moderator: Rafael Tinajero, TxDOT Design Division</p> <p>Panel Moderator: Farhan Khan, TxDOT Design Division</p> <p>Liang Ding, TxDOT Dallas District</p> <p>Scott Nelson, TxDOT San Antonio District</p> <p>Antonio Santana, TxDOT El Paso District</p> <p>Jennifer Book, TxDOT Design Division</p> <p>Khalid Jamil, TxDOT Design Division</p>
	<p>DES Workshop: TxDOT Comprehensive Accessibility Program (TCAP) Introduction and Hands-on Workshop (<i>Frisco 9</i>)</p> <p><i>The TxDOT Comprehensive Accessibility Program is a GIS-based database identifying items of concern that fall under the Americans with Disabilities Act (ADA) both in the TxDOT right of way and in public-facing buildings and sites. This session is an introduction to the tools and data available in the TCAP. Following the introduction, an opportunity for ‘hands-on’ demonstration is provided. Attendees must have an active TCAP log-in to work ‘hands on.’</i></p>	<p>Becky Byford, TxDOT Design Division</p> <p>Jamie Godwin, TxDOT Design Division</p> <p>Bill Macke, TxDOT Design Division</p>
5:00 p.m.–7:00 p.m.	Welcome Reception (<i>Frisco Foyer/Exhibitor Area</i>)	



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Tuesday, April 18

7:30 a.m.–8:30 a.m.	Breakfast (Frisco 6)	
8:30 a.m.–10:00 a.m.	BRG Breakout Session 1: Geotech (Frisco 7) Transition to LRFD for Foundation Designs Soil Nail and Drilled Shaft Working Drawings Plastic Pipe Resources and Installation Retaining Wall Maintenance	Moderator: Ryan Eaves, TxDOT Bridge Division Edward Galbavy, TxDOT Bridge Division Alexis Barron, TxDOT Bridge Division Gyaneswor Pokharel, TxDOT Bridge Division Worku Mergia, TxDOT Bridge Division
	BRG Breakout Session 2: Bridge Management (Frisco 8) Texas Bridge Performance & Funding Intro to AASHTO BrM Bridge Programs – Target Projects	Moderator: Laura Garcia, TxDOT Bridge Division Bernie Carrasco, TxDOT Bridge Division Andrew Bush, TxDOT Bridge Division Paul Rollins, TxDOT Bridge Division
	DES Breakout Session: Developing Details for Digital Delivery (Frisco 9) ORD DU Updates and Support Construction Moving Towards Digital Delivery Digital Delivery: Challenges and Solutions - A Technical Look	Moderator: Heather Ashley-Nguyen, TxDOT Austin District Ab Maamar-Tayeb, TxDOT Design Division Eduardo Acosta, TxDOT Construction Division Alexis Walters, Kimley Horn and Associates, Inc.
10:00 a.m.–10:30 a.m.	Break (Frisco Foyer/Exhibitor Area)	
10:30 a.m.–12:00 p.m.	BRG Breakout Session 1: Bridge Construction and Maintenance (Frisco 7) Concrete Bridge Engineering Institute Bridge Joint Repair Options and Effects of Improper Joint Maintenance Performance of Bridge Deck Overlays Emergency Deck Repairs	Moderator: Doug Beer, TxDOT Bridge Division Graham Bettis, TxDOT Bridge Division Seth Cole, TxDOT Bridge Division Nader Mavaddat, TxDOT Bridge Division Michael Reynolds, TxDOT Wichita Falls District
	BRG Breakout Session 2: Bridge Design (Frisco 9) How to Design a Standard Bridge Bridge Layouts and Common Plan Errors What is Coming and What is New	Moderator: Courtney Holle, TxDOT Bridge Division Al Shawn, TxDOT Bridge Division Riad Yahiaoui, TxDOT Bridge Division Sara Watts, TxDOT Bridge Division
	DES Breakout Session: Beyond Scour: Fluvial Geomorphology and Bridge Stability (Frisco 8) <i>Fluvial geomorphology, the evolution of river systems under the action of flowing water and sediment transport, has been identified as an emerging issue. In this session, we will share some insights and examples of work to date.</i>	Moderator: Frank Estrada III, TxDOT Fort Worth District Michael Roetheli, TxDOT Abilene District Robert Armstrong, Huitt-Zollars, Inc. Rose Marie Klee, TxDOT Design Division Sandip Tamrakar, TxDOT Fort Worth District Tracy Jones, TxDOT Abilene District Trenton Ellis, TxDOT Design Division James Friels, TxDOT Fort Worth District
12:00 p.m.–1:30 p.m.	Lunch (Frisco 6)	



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Tuesday, April 18

1:30 p.m.-3:00 p.m.	BRG Breakout Session 1: Bridge Inspection (<i>Frisco 7</i>) Status Update on Metrics and SNBI Changes Maintenance Module Statistics and Observations Load Rating Tools and Introduction to BrR	Moderator: Steven Austin, TxDOT Bridge Division Andrea Johnson, TxDOT Bridge Division Bob Pearson, TxDOT Bridge Division Jesus Alvarez, TxDOT Bridge Division
	BRG Breakout Session 2: Bridge Design (<i>Frisco 8</i>) Superstructure Selection and Design Substructure Selection and Design Bridge Staging Considerations: Phased vs Temp vs Close	Moderator: Sara Watts, TxDOT Bridge Division Denisson Cruz, TxDOT Bridge Division Hunter Walton, TxDOT Bridge Division Zoran Umicevic, TxDOT Bridge Division
	DES Breakout Session: Exploring 3D Design Software (<i>Frisco 9</i>) Advantages of using OpenRoads Designer Lessons Learned using OpenRoads Designer OpenRoads Designer Version 10.12 - What's new?	Moderator: Katie Martin, TxDOT Atlanta District Jaime Sanchez, TxDOT Dallas District Travis Owens, TxDOT San Antonio District Steve Phipps, TxDOT/Bentley Resident Engineer
3:00 p.m.-3:30 p.m.	Break (<i>Frisco Foyer/Exhibitor Area</i>)	
3:30 p.m.-5:00 p.m.	BRG Breakout Session: ENV/BRG Panel discussion (<i>Frisco8</i>) Environmental Considerations for Bridge Project Development	Moderator: Paul Rollins, TxDOT Bridge Division Panel: Barbara Obelgoner, TxDOT Yoakum District Kimberly Amy, TxDOT Corpus Christi District Robert Owens, TxDOT Bridge Division Linda Henderson, TxDOT Environmental Affairs Division
	DES Breakout Session 1: Roadway Design Support (<i>Frisco 7</i>) Roadway Design Manual - Upcoming Revisions Rural Roadways Cross Section Optimization Guidance	Moderator: Beteseb Shibikom, TxDOT Design Division Kenneth Mora, TxDOT Design Division Alberto Guevara, TxDOT Design Division Kenneth Mora, TxDOT Design Division
	DES Breakout Session 2: Final PS&E Processing (<i>Frisco 9</i>) The New Bid Item Cost History Dashboard Construction Management Plans PS&E Submittal Process	Moderator: Max Proctor, TxDOT Design Division Max Proctor, TxDOT Design Division David Ramirez, TxDOT Design Division Max Proctor, TxDOT Design Division



AGENDA



Wednesday, April 19

7:30 a.m.–8:30 a.m.	Breakfast (Frisco 6)	
8:30 a.m.–10:00 a.m.	BRG Breakout Session 1: Accelerating Projects from a District Perspective (Frisco 7)	Moderator: Hunter Walton, TxDOT Bridge Division Panel: Jon Boleware, TxDOT Bridge Division Michael Carlson, TxDOT Houston District Jeffrey Vinklerek, TxDOT Yoakum District Tracy Jones, TxDOT Abilene District
	BRG Breakout Session 2: Field Operations - Preservation (Frisco 8) Steel and Timber Piling Initiative Segmental Bridge Observations Bridge Painting Initiatives Panel Discussion - District Perspective on Bridge Preservation Actions	Moderator: Steven Austin, TxDOT Bridge Division Istiaque Hasan, TxDOT Bridge Division Lianxiang Du, TxDOT Bridge Division Kevin Pruski, TxDOT Bridge Division Kit Black, TxDOT Amarillo District Manuel Padron, TxDOT Fort Worth District Daniel Richardson, TxDOT Abilene District
	DES Breakout Session: Intro to Resilience Planning and Design (Frisco 9) <i>TxDOT has long been focused on asset management for transportation infrastructure, so what is new about what is happening today? Texas experiences more than our share of extreme events and costly disasters. The first-ever Statewide Resilience Plan is being developed with TPP in the lead. In this session, you will learn about how the plan is unfolding and what BRG, DES, and MNT are working on.</i>	Moderator: Casey Wells, TxDOT Transportation Planning & Programming Division Adriana Torcat, TxDOT Transportation Planning & Programming Division Bernie Carrasco, TxDOT Bridge Division Hui Wu, TxDOT Maintenance Division Rose Marie Klee, TxDOT Design Division
10:00 a.m.–10:30 a.m.	Break (Frisco Foyer/Exhibitor Area)	
10:30 a.m.–12:00 p.m.	General Session: How Digital Delivery is Shaping the Future of Project Development (Frisco 6) Digital Delivery at TxDOT: Progress Update Digital Delivery at TxDOT: The Bridge Perspective Digital Delivery at TxDOT: A Look Forward	Moderator: Jason Pike, TxDOT Design Division Jacob Tambunga, TxDOT Design Division Courtney Holle, TxDOT Bridge Division Nicole Williams, Kimley Horn and Associates, Inc.