

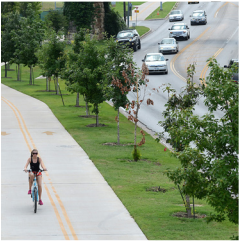
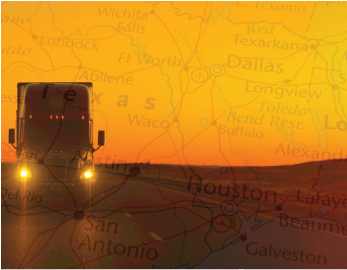
# TxDOT 2022



## TRANSPORTATION PLANNING CONFERENCE **MAY 3-5, 2022**



**Omni Houston Hotel  
Houston, Texas 77056**



**TUESDAY, MAY 3**

Noon – 6:00 p.m.	<b>Registration/Information Desk</b>	<i>Post Oak Ball Room–Prefunction</i>
8:00 a.m. – Noon	<b>Statewide TP&amp;D Director’s Quarterly Meeting</b>	<i>Post Oak Ball Room DEFG</i>
9:00 a.m. – 9:20 a.m.	<b>Pre-Bike Tour Presentation</b>	<i>Post Oak Ball Room C</i>
8:00 a.m. – Noon	<b>TexPack – Network and TAZ Development</b>	<i>Post Oak Ball Room A</i>
9:00 a.m. – Noon	<b>Power Up Your PI Planning Process – Approach to Strategic Internal Public Involvement Planning Tool (Mini EPI 200 Training Session)</b>	<i>Post Oak Ball Room B</i>
9:30 a.m. – Noon	<b>Bike Tour – Memorial Park Land Bridges, Buffalo Bayou Trails, through Downtown to Discovery Green (weather permitting)</b>	<i>Hotel Lobby</i>
10:00 a.m. – Noon	<b>TEMPO Meeting</b>	<i>Post Oak Ball Room C</i>
1:00 p.m. – 5:00 p.m.	<b>TDM Demographic Data Development for MPOs</b>	<i>Post Oak Ball Room A</i>
1:00 p.m. – 2:30 p.m.	<b>Freight Investment Optimization (FIO) Tool: Scenario Planning, Investment Prioritization, and Network Assessment</b>	<i>Post Oak Ball Room B</i>
1:00 p.m. – 3:30 p.m.	<b>The Only Certainty is Uncertainty: Two Different Scenario Planning Approaches (SMART &amp; SWIFT) to Analyze Subregional Areas in Houston, Texas</b>	<i>Post Oak Ball Room C</i>
1:00 p.m. – 4:00 p.m.	<b>Highway Project Scoring – Best Practices, Lessons Learned, and Tools</b>	<i>Post Oak Ball Room DEFG</i>
1:00 p.m. – 2:30 p.m.	<b>Port Tour (tentative and weather permitting)</b>	<i>Hotel Lobby</i>
3:00 p.m. – 5:00 p.m.	<b>Identifying, Tracking, and Remediating ADA Deficiencies – Overview of TCAP</b>	<i>Post Oak Ball Room B</i>
3:45 p.m. – 5:00 p.m.	<b>Texas Model Users Group (TxMUG) Meeting</b>	<i>Post Oak Ball Room C</i>
4:00 p.m. – 5:00 p.m.	<b>TP&amp;D Director’s Closed Door Meeting</b>	<i>Post Oak Ball Room DEFG</i>
5:30 p.m. – 7:30 p.m.	<b>Reception</b>	<i>Post Oak Ball Room–Prefunction</i>

**WEDNESDAY, MAY 4**

7:30 a.m. – 5:00 p.m.	<b>Registration/Information Desk</b>	<i>Post Oak Ball Room–Prefunction</i>
7:30 a.m. – 8:30 a.m.	<b>Continental Breakfast</b>	<i>Post Oak Ball Room–Prefunction</i>
8:30 a.m. – 10:00 a.m.	<b>Welcome Session</b>	<i>Post Oak Ball Room</i>
10:00 a.m. – 10:15 a.m.	<b>BREAK</b>	<i>Post Oak Ball Room–Prefunction</i>
10:15 a.m. – 11:45 a.m.	<b>Plenary Session</b>	<i>Post Oak Ball Room</i>
Noon – 1:30 p.m.	<b>LUNCH</b>	<i>Post Oak Ball Room</i>
<b>CONCURRENT BREAKOUT SESSIONS</b> 1:30 p.m. – 3:15 p.m.	<b>SESSION I: Maritime, Rail, and Aviation</b> <i>Greenway Ballroom</i>	
	<b>SESSION II: Topics with Environmental Affairs</b> <i>Constellation Ballroom–West</i>	
	<b>SESSION III: Statewide Planning</b> <i>Constellation Ballroom–East</i>	
3:15 p.m. – 3:30 p.m.	<b>BREAK</b>	<i>Post Oak Ball Room–Prefunction</i>
<b>CONCURRENT BREAKOUT SESSIONS</b> 3:30 p.m. – 5:15 p.m.	<b>SESSION IV: Texas Delivers 2050: The Role of the Supply Chain, and How Data Informs Freight Planning</b> <i>Greenway Ballroom</i>	
	<b>SESSION V: Spotlight on Houston</b> <i>Constellation Ballroom–West</i>	
	<b>SESSION VI: Addressing System Safety from Three Different Perspectives: FHWA, TxDOT, MPO</b> <i>Constellation Ballroom–East</i>	

**THURSDAY, MAY 5**

7:30 a.m. – 8:30 a.m.	<b>Continental Breakfast</b>	<i>Post Oak Ball Room–Prefunction</i>
<b>CONCURRENT BREAKOUT SESSIONS</b> 8:30 a.m. – 10:00 a.m.	<b>SESSION VII: Transit/Traffic Safety Updates</b> <i>Greenway Ballroom</i>	
	<b>SESSION VIII: Building the UTP and Managing the Statewide Portfolio</b> <i>Constellation Ballroom–West</i>	
	<b>SESSION IX: Corridor Planning</b> <i>Constellation Ballroom–East</i>	
10:00 a.m. – 10:15 a.m.	<b>BREAK</b>	<i>Post Oak Ball Room–Prefunction</i>
<b>CONCURRENT BREAKOUT SESSIONS</b> 10:30 a.m. – Noon	<b>SESSION X: Map-Based Tools to Advance Active Transportation Planning in Texas</b> <i>Greenway Ballroom</i>	
	<b>SESSION XI: The Federal and State Stance on Virtual Public Involvement and Successes with Online Engagement Tools</b> <i>Constellation Ballroom–West</i>	
	<b>SESSION XII: Data Analytics/Innovations</b> <i>Constellation Ballroom–East</i>	



# 2022 Transportation Planning Conference

**W**e are pleased you have chosen to attend and participate in the 2022 Transportation Planning Conference in Houston, Texas, hosted by the Transportation Planning and Programming Division of the Texas Department of Transportation (TxDOT). The conference program has been developed to meet your professional needs through the dissemination of the latest information by noted professionals in the transportation field. We're glad you could join us in Houston!

## ***Special thanks to the following organizations for assisting in the planning of the 2022 conference:***

**Federal Highway Administration**

**Federal Transit Administration**

**TxDOT Houston District**

*Ana Ramirez Huerta, Ph.D.*

*Kriss Knoll, Maritime Divisions*

**Houston-Galveston Area Council**

**Association of Texas Metropolitan Planning Organizations (TEMPO)**

**TxDOT Transportation Planning and Programming Division**

## ***Special thanks to:***

*Robert Ramirez  
Co-Conference Chair  
TxDOT-TPP(S)*

*Lori Morel  
Co-Conference Chair  
TxDOT-TPP(S)*

- Noon – 6:00 p.m.      **Registration/Information Desk**  
*Post Oak Ball Room–Prefunction*
- 8:00 a.m. – Noon      **Statewide TP&D Director’s  
Quarterly Meeting**  
*Post Oak Ball Room DEFG*
- 9:00 a.m. – 9:20 a.m.      **Pre-Bike Tour Presentation**  
*Post Oak Ball Room C*
- 8:00 a.m. – Noon      **TexPack – Network and  
TAZ Development**  
*Post Oak Ball Room A*
- 9:00 a.m. – Noon      **Power Up Your PI Planning Process –  
Approach to Strategic Internal Public  
Involvement Planning Tool  
(Mini EPI 200 Training Session)**  
*Post Oak Ball Room B*
- 9:30 a.m. – Noon      **Bike Tour – Memorial Park Land  
Bridges, Buffalo Bayou Trails, through  
Downtown to Discovery Green**  
(weather permitting)  
*Hotel Lobby*
- 10:00 a.m. – Noon      **TEMPO Meeting**  
*Post Oak Ball Room C*
- 1:00 p.m. – 5:00 p.m.      **TDM Demographic Data  
Development for MPOs**  
*Post Oak Ball Room A*

1:00 p.m. – 2:30 p.m.

**Freight Investment Optimization (FIO)  
Tool: Scenario Planning, Investment  
Prioritization, and Network Assessment**

*Post Oak Ball Room B*

1:00 p.m. – 3:30 p.m.

**The Only Certainty is Uncertainty:  
Two Different Scenario Planning  
Approaches (SMART & SWIFT) to  
Analyze Subregional Areas in  
Houston, Texas**

*Post Oak Ball Room C*

1:00 p.m. – 4:00 p.m.

**Highway Project Scoring –  
Best Practices, Lessons Learned,  
and Tools**

*Post Oak Ball Room DEFG*

1:00 p.m. – 2:30 p.m.

**Port Tour**

(tentative and weather permitting)

*Hotel Lobby*

3:00 p.m. – 5:00 p.m.

**Identifying, Tracking, and Remediating  
ADA Deficiencies – Overview of TCAP**

*Post Oak Ball Room B*

3:45 p.m. – 5:00 p.m.

**Texas Model Users Group (TxMUG)  
Meeting**

*Post Oak Ball Room C*

4:00 p.m. – 5:00 p.m.

**TP&D Director's Closed Door Meeting**

*Post Oak Ball Room DEFG*

5:30 p.m. – 7:30 p.m.

**Reception**

*Post Oak Ball Room–Prefunction*

7:30 a.m. – 5:00 p.m.

**Registration/Information Desk***Post Oak Ball Room—Prefunction*

7:30 a.m. – 8:30 a.m.

**Continental Breakfast***Post Oak Ball Room—Prefunction*

8:30 a.m. – 10:00 a.m.

**Welcome Session***Post Oak Ball Room*

**MODERATOR: Jessica Butler, P.E.,** Director, Transportation Planning and Programming Division, TxDOT, Austin, Texas

**Brandye Hendrickson,** Deputy Executive Director, Planning and Administration, TxDOT, Austin, Texas

**The Honorable David Robinson,** Council Member At-Large, Position 2, City of Houston, Houston, Texas

**Eliza Paul, P.E.,** District Engineer, Houston District, TxDOT, Houston, Texas

**Craig Raborn,** Director, Transportation Planning, Houston-Galveston Area Council, Houston, Texas

**Roger Guenther,** Executive Director, Port Houston Authority, Houston, Texas

**Sanjay Ramabhadran, P.E.,** Chair, Board of Directors, Metropolitan Transit Authority of Harris County, Houston, Texas (tentative)

10:00 a.m. – 10:15 a.m.

**BREAK***Post Oak Ball Room—Prefunction*

10:15 a.m. – 11:45 a.m.

**Plenary Session***Post Oak Ball Room*

**MODERATOR: Raquelle Lewis,** Section Director, Public Information Officer, Communications Division, TxDOT, Houston, Texas

**Kenneth Petty,** Director, Office of Planning, FHWA, Washington, D.C.

**Cheryl Walker,** Associate Administrator for Safety, FHWA, Washington, D.C.

**Joung Lee,** Deputy Director, Chief Policy Officer, AASHTO, Washington, D.C.

Noon – 1:30 p.m.

**LUNCH***Post Oak Ball Room*

1:30 p.m. – 3:15 p.m.

**Concurrent Break-out Sessions****SESSION I: Maritime, Rail, and Aviation***Greenway Ballroom*

**MODERATOR: Lynn Isaak, P.E., PMP**, Section Director, Project Portfolio Management, Transportation Programs Division, TxDOT, Austin, Texas

**Connecting You with Texas Ports: Integrating Seaports into TxDOT's Planning Process**

**Geir-Eilif Kalhagen**, Director, Maritime Division, TxDOT, Austin, Texas

**Rail Division: Replanks, Spring-Loaded Frogs, and Other Rail Stuff You Didn't Know TxDOT Does**

**Jeff Davis**, Director, Rail Division, TxDOT, Austin, Texas

**Developing the Flight Plan for the Future of Texas' Aviation System**

**Jim Halley**, Section Director, Airport Planning and Programming, Aviation Division, TxDOT, Austin, Texas

**SESSION II: Topics with Environmental Affairs***Constellation Ballroom–West*

**MODERATOR: Adrienne Boer**, Section Director, Project Delivery, Environmental Affairs Division, TxDOT, Austin, Texas  
*Management Plans at TxDOT*

**Promoting Faster Clearance: The Open-Ended Discussion**

**Anthony Horne**, Environmental Specialist, Project Delivery, Environmental Affairs Division, TxDOT, Austin, Texas

**When Avoiding a Problem is the Best Solution: Early Planning and Coordination to Identify and Avoid Endangered Species, Critical Habitat and Jurisdictional Waters**

**Clover Clamons**, Section Director, Natural Resources Management, Environmental Affairs Division, TxDOT, Austin, Texas

**Go Beyond the Road in Public Engagement**

**Jennifer Carpenter**, Historian, Cultural Resources Management, Environmental Affairs Division, TxDOT, Austin, Texas



1:30 p.m. – 3:15 p.m.

**Concurrent Break-out Sessions  
(Continued)****SESSION III: Statewide Planning***Constellation Ballroom—East*

**MODERATOR: Christeen Pusch**, *Transportation Planner, Statewide Planning, Transportation Planning and Programming Division, TxDOT, Austin, Texas*

**Statewide Long Range Plan Introduction and Overview**

**Casey Wells**, *Branch Manager, Statewide Planning, Transportation Planning and Programming Division, TxDOT, Austin, Texas*

**Phillip Baker, P.E.**, *Urban Planner and Engineer, AECOM, Washington, D.C.*

**Jim Meyer**, *Senior Transportation Planner, Transportation Plans Lead Americas, AECOM, St. Petersburg, Florida*

**Statewide Resiliency Plan**

**Carlos Calle**, *Transportation Planner, Statewide Planning, Transportation Planning and Programming Division, TxDOT, Austin, Texas*

**Kirk D. Fauver**, *Planning and Research Engineer, Federal Highway Administration, Texas Division, Austin, Texas*

3:15 p.m. – 3:30 p.m.

**BREAK**

3:30 p.m. – 5:15 p.m.

**Concurrent Break-out Sessions****SESSION IV: Texas Delivers 2050: The Role of the Supply Chain, and How Data Informs Freight Planning***Greenway Ballroom*

**MODERATOR: Sherry Pifer**, *Branch Manager, Freight Systems, Transportation Planning and Programming Division, TxDOT, Austin, Texas*

**Paula Dowell, Ph.D.**, *Principal, National Practice Leader, Freight and Economics, Cambridge Systematics, Austin, Texas*

**LD White**, *Senior Research, Scientist Mobility Analysis, TTI, College Station, Texas*

**Lisa Haley**, *Director, Supply Chain and Logistics, Nacero Company, Houston, Texas*

3:30 p.m. – 5:15 p.m.

**Concurrent Break-out Sessions  
(Continued)****SESSION V: Spotlight on Houston***Constellation Ballroom–West***MODERATOR: Andrew Mao, P.E.**, Director, District Advanced Transportation Planning, Houston District, TxDOT, Houston, Texas**Plan: Using Big Data and Tableau to Inform Decision Making****Qing Li, Ph.D.**, Transportation Planner, Houston District, TxDOT, Houston, Texas**Heng Wang, P.E.**, Transportation Planner, Houston District, TxDOT, Houston, Texas**Sungmin Lee**, Principal Data Analyst, Houston-Galveston Area Council, Houston, Texas**Build: The Regional Express Access Lanes (REAL) Plan****Andrew Mao, P.E.**, Director, District Advanced Transportation Planning, Houston District, TxDOT, Houston, Texas**Catherine McCreight, MBA, MA**, Transportation Planner, Houston District, TxDOT, Houston, Texas**Manage: ConnectSmart – Making Houston More Connected and Less Congested****Brenda Bustillos, Ph.D., P.E.**, Transportation Engineer, Houston District, TxDOT, Houston, Texas**Jamila Owens, MBA, TDM-CP**, Manager, Transportation-Travel Demand Management, Houston-Galveston Area Council, Houston, Texas**Yi-Chang Chiu, Ph.D.**, CEO & President, Metropia, Inc., Houston, Texas**SESSION VI: Addressing System Safety from Three Different Perspectives: FHWA, TxDOT, MPO***Constellation Ballroom–East***MODERATOR: Rose Marie Klee, P.E.**, Section Director, Hydrology and Hydraulics, Design Division, TxDOT, Austin, Texas**Stephen Ratke, P.E., RSP<sub>21</sub>**, Senior Safety and Geometric Design Engineer, Federal Highway Administration Resource Center**Khalid Jamil, P.E.**, Section Director, Traffic Simulation and Safety, Design Division, TxDOT, Austin, Texas**David Fink, P.E.**, Program Manager, Houston-Galveston Area Council, Houston, Texas

7:30 a.m. – 8:30 a.m.

**Continental Breakfast***Post Oak Ball Room - Prefunction*

8:30 a.m. – 10:00 a.m.

**Concurrent Break-out Sessions****SESSION VII: Transit/Traffic Safety Updates***Greenway Ballroom*

**MODERATOR: Giacomo Yaquinto, AICP**, International Trade and Border Coordinator, International Trade, Transportation Planning and Programming Division, TxDOT, Austin, Texas

**Performance Measures for Transit Safety**

**J.D. Allen, AICP**, Executive Vice President, Alliance Transportation Group, Lake Charles, Louisiana

**Mark Sprick, AICP**, Section Director, Administration and Program Support, Public Transportation Division, TxDOT, Austin, Texas

**Bus & Rail Public Transportation Agency Safety Plans (PTASP)**

**J.D. Allen, AICP**, Executive Vice President, Alliance Transportation Group, Lake Charles, Louisiana

**Mark Sprick, AICP**, Section Director, Administration and Program Support, Public Transportation Division, TxDOT, Austin, Texas

**Traffic Safety Trends and Issues in the Three Border Regions:****El Paso, Laredo, and the Rio Grande Valley**

**Eduardo Perales**, Director of Transportation Operations, El Paso District, TxDOT, El Paso, Texas

**Humberto “Tito” Gonzalez, P.E.**, Director, Transportation Planning and Development, Laredo District, TxDOT, Laredo, Texas

**Rex Costley, P.E.**, Deputy District Engineer, Pharr District, TxDOT, Pharr, Texas

8:30 a.m. – 10:00 a.m.

**Concurrent Break-out Sessions  
(Continued)****SESSION VIII: Building the UTP and Managing the Statewide Portfolio***Constellation Ballroom–West*

**MODERATOR: Mildred Litchfield**, Section Director, UTP/Portfolio Performance, Transportation Planning and Programming Division, TxDOT, Austin, Texas

**Importance of Planning Cost Estimates and Tactical Takeaways**

**Lynn Isaak, P.E., PMP**, Section Director, Project Portfolio Management, Transportation Programs Division, TxDOT, Austin, Texas

**Erika Kemp, PMP**, Director, MPPM Projects, Transportation Programs Division, TxDOT, Austin, Texas

**Affordability and Selection**

**Will Etheredge**, Business Operations Project Manager, UTP/Portfolio Performance, Transportation Planning and Programming Division, TxDOT, Austin, Texas

**Eric Clennon**, Project Development Manager, UTP/Portfolio Performance, Transportation Planning and Programming Division, TxDOT, Austin, Texas

**Empowering TxDOT with Data**

**Ben McCulloch**, Special Projects Reporting Supervisor, Transportation Programs Division, TxDOT, Austin, Texas

**Emilie Schulz**, Data Privacy Officer, Information Technology Division, TxDOT, Austin, Texas

**David Ford**, Business Operations Project Manager, UTP/Portfolio Performance, Transportation Planning and Programming Division, TxDOT, Austin, Texas

8:30 a.m. – 10:00 a.m.

**Concurrent Break-out Sessions  
(Continued)****SESSION IX: Corridor Planning***Constellation Ballroom—East*

**MODERATOR: Amy Redmond**, *Public Involvement Specialist, Public Involvement, Transportation Planning and Programming Division, TxDOT, Austin, Texas*

**Identifying Greatest Needs on Our System with the Use of the New Corridor Planning Tools**

**Lorena Echeverria de Misi, P.E.**, *Branch Manager, Corridor Planning, Transportation Planning and Programming Division, TxDOT, Austin, Texas*

**Curtis Jones**, *Project Development Manager, Corridor Planning, Transportation Planning and Programming Division, TxDOT, Austin, Texas*

**Ana Ramirez Huerta, Ph.D.**, *Transportation Planner, Houston District, TxDOT Houston, Texas*

**Catherine McCreight**, *MBA, MA, Senior Transportation Planner, Houston District, TxDOT, Houston, Texas*

**Leveraging Stakeholder Engagement on Corridor Studies to Foster a Culture of Care...A Culture of Safety**

**Cary Karnstadt**, *Project Development Manager, Corridor Planning, Transportation Planning and Programming Division, TxDOT, Austin, Texas*

**Advancing Project Development through Corridor Planning**

**Steve Linhart, AICP**, *Project Development Manager, Corridor Planning, Transportation Planning and Programming Division, TxDOT, Austin, Texas*

10:00 a.m. – 10:15 a.m.

**BREAK**

10:15 a.m. – Noon

Concurrent Break-out Sessions

**SESSION X: Map-Based Tools to Advance Active Transportation Planning in Texas***Greenway Ballroom***MODERATOR: *Ibrahima Tembely***, *Transportation Planner, Statewide Planning, Transportation Planning and Programming Division, TxDOT, Austin, Texas***Active Transportation Plan Inventory (ATPI)*****Noah Heath, AICP***, *Bicycle and Pedestrian Planner, Public Transportation Division, TxDOT, Austin, Texas***Texas Bicycle and Pedestrian Count Exchange (BPCX)*****Bonnie Sherman, AICP***, *Bicycle and Pedestrian Program Supervisor, Public Transportation Division, TxDOT, Austin, Texas***Bicycle Tourism Trails Prioritization Tool*****Carl Seifert, AICP***, *Active Transportation Planner, Jacobs, Austin, Texas***Using the Houston District's GIS Library to Address Bicycle Accommodations*****Ana Ramirez Huerta, Ph.D.***, *Transportation Planner, Houston District, TxDOT, Houston, Texas***SESSION XI: The Federal and State Stance on Virtual Public Involvement and Successes with Online Engagement Tools***Constellation Ballroom–West***MODERATOR: *Julie Beaubien***, *Public Involvement Team Lead, Public Involvement, Transportation Planning and Programming Division TxDOT, Austin, Texas***FHWA Every Day Counts Virtual Public Involvement Initiative*****Shelley Pridgen***, *Research Project Manager, Research and Technology Implementation Division, TxDOT, Austin, Texas****Kirk D. Fauver***, *Planning and Research Engineer, Federal Highway Administration, Texas Division, Austin, Texas****Susan Howard***, *Section Director, Public Involvement, Transportation Planning and Programming Division, TxDOT, Austin, Texas*

10:15 a.m. – Noon

**Concurrent Break-out Sessions  
(Continued)****SESSION XII: Data Analytics/Innovations***Constellation Ballroom—East*

**MODERATOR: *Melissa Rothrock***, *Transportation Planner, Data Management Section, Transportation Planning and Programming Division, TxDOT, Austin, Texas*

**Alternative Fuel Corridors and Electric Vehicle Planning**

***Michael Chamberlain***, *Section Director, Data Management, Transportation Planning and Programming Division, TxDOT, Austin, Texas*

**Statewide GIS Program**

***Jennifer Lash***, *Statewide GIS Program Manager, Data Management, Transportation Planning and Programming Division, TxDOT, Austin, Texas*

**Telematics Data: Developing Tools for Actionable Insights**

***James Kuhr***, *Strategic Research Analyst, Strategic Planning Division, TxDOT, Austin, Texas*

***Shawn Turner***, *Senior Research Engineer, TTI, College Station, Texas*

***Ed Hard***, *Research Scientist/Program Manager, TTI, College Station, Texas*

# THANK YOU

The Texas Department of Transportation Transportation Planning Conference, hosted by the Transportation Planning and Programming Division of the Texas Department of Transportation, wishes to thank our exhibitors for their support.

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## EXHIBITORS

