



Texas Technology Task Force Meeting

June 13 | 9:00am – 3:30pm CT

Location: TxDOT Stassney - 6230 E Stassney Ln. Austin, TX 78744

Room: M1C3.02 Duro Canyon

TTTF MEETING AGENDA

Objectives

- Capture takeaways and priority transportation impacts from the 88th Texas Legislative Session.
- Identify opportunities for drones and UAM systems for improved safety, maintenance, and other applications.
- Showcase updates by the research team including the Technology Utilization Plan and whitepaper reports.

9:00 AM | Drone Demo

TxDOT Aviation invites attendees to a morning reception and demonstration of its drone program.

10:00 AM | Introductions & Updates – *Darran Anderson of TxDOT and UT Austin*

A representative from TxDOT and from UT Austin provide an update on the progress of the Texas Technology Task Force as well as the status of other ongoing TxDOT innovation efforts.

10:15 AM | Recap on the 88th Texas Legislative Session – *Zeke Reyna and Federico Rodriguez, TxDOT*

A presentation depicting the major bills passed as part of the 88th Legislative Session held earlier this year. This presentation will note the impacts to major transportation and mobility fields, including electrification, urban air mobility, connected and autonomous vehicles, and data privacy.

10:35 AM | Opportunities for Drones and UAM Technologies: A Roundtable Discussion

Moderator: Jason Day – Texas DPS

Drones and UAM technologies prove incredibly impactful in a variety of areas in transportation and mobility systems, ranging from advanced planning and maintenance to emergency management and resilience operations to the supply chain and last-mile delivery space. While these systems are in use already in Texas, several barriers still exist that inhibit adoption and deployments on a wider scale. This roundtable discussion will note some of the major opportunities drones and UAM systems can bring to mobility services and steps to prepare and streamline expansion of these technologies.

Kendal Prosack – Wing

Pete Evans – Fotokite

Chris Eyhorn – DroneSense

Sergio Roman – TxDOT Aviation

Melissa McCaffrey – Overair

Robin Murphy – Texas A&M University

12:00 PM | Lunch

12:30 PM | UT Austin Team Innovation Efforts – UT Austin

The research team presents key findings from the 2023 whitepapers:

- Hydrogen Fuel Cell Operations in Texas
- Advancing Data Management and Security

1:00 PM | AI and Data Sharing Presentation

Speaker: Denise Markow – Eastern Transportation Coalition

In coordination between several state transportation agencies, the Eastern Transportation Coalition harnesses momentum in emerging and advanced mobility solutions to support regional innovation. This presentation highlights the Coalition's effort to ingest crowdsourced data to minimize knowledge gaps in traffic operations.

1:15 PM | Opportunities to Harness AI in Transportation

Moderator: Jeff Dailey – North Texas Tollway Authority

AI and data analytics can play an immense role in improving the planning, operations, and maintenance of transportation and mobility systems. This panel will discuss the various uses harnessing data can support, and the necessary coordination implementation efforts needed to promote success.

Dean Kuhlmann – Worlds.io

Kimley Horn

Ilyas Iyooob – UT Austin

Paul-Matthew Zamsky – Rekor

Rebecca Gonzales – AWS

2:00 PM | Reflections and Relevance to TxDOT

Transportation thought leaders share their insights on the emerging technologies raised throughout the day and then translate the information into key takeaways for TxDOT's next steps in innovation.

2:15 PM | Closing Remarks – *Darran Anderson, TxDOT and UT Austin*

2:30 PM | Adjourn

EXECUTIVE SESSION

2:30 PM | Discussion

3:30 PM | Adjourn