



Texas Technology Task Force Meeting

December 7 | 11:00pm – 4:00pm CT

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

Room: M1C3.02 Duro Canyon

Objectives

- Identify the increasing role robotics play in the logistics ecosystem from warehouse movement to delivery.
- Outline the shifting demographic and user needs of the Texas transportation system now and in the future.
- Consider the innovative technologies and systems seaports are adopting to facilitate growing demand.

10:30 AM | Tech Check

11:00 PM | Executive Session

12:00 PM | Task Force Member Lunch

1:00 PM | Introductions & Updates – Darran Anderson, TxDOT and Andrea Gold, UT Austin

TxDOT kicks off the meeting with an update to ongoing innovation within Texas mobility, and UT Austin provides an overview of the Texas Technology Task Force priority topics.

1:15 PM | Robotics and the Evolving Logistics and Supply Chain Ecosystem

Moderator: Paul Evans, SwRI

Texas is at the nexus of goods movement—driving coordination across a complex supply chain of stakeholders to seamlessly move goods across the country and throughout the world. Robotics is catalyzing how goods are manufactured, processed, and transported, influencing almost every aspect of the supply chain from warehouse movement to last-mile delivery. This panel will discuss the needs and opportunities for transportation agencies to integrate robotics into the supply chain ecosystem and their workforce impacts.

Rich Steiner – Gatik

Daniel Covarrubias – Texas A&M International University

Mitchell Rodriguez – Fox Robotics

2:15 PM | Needs of a Changing Texas: Preparing the Next Generation Mobility System

Moderator: Dottie Watkins, Capital Metro

The Texas population is quickly changing, rapidly increasing, aging, urbanizing, and diversifying. Furthermore, the COVID-19 pandemic radically changed opportunities for remote work, telehealth, and virtual conferencing. Each of these shifts influences the future planning needs of the Texas transportation system and requires transportation agencies to consider the needs and preferences of future mobility users. This panel will discuss these shifts and explore who the future mobility users are, where they live and work, and how they travel.

Camille Williams – Transportation Diversity Council

Tara Goddard – Texas A&M University

Kelly Porter – City of Fort Worth

3:15 PM | Open Discussion – Dottie Watkins, Capital Metro

3:30 PM | The State of Texas Ports: Current Trends and Tribulations – Leslie Ruta, Port of Corpus Christi

The scale of the freight economy has continually grown, only to be accelerated by the uptick in online commerce in recent years. Port operations have become a driving force in logistics innovation, harnessing emerging technologies like AI and robotics, to seamlessly process and distribute goods.

4:00 PM | Closing Remarks & Adjourn – Darran Anderson, TxDOT & Kristie Chin, UT Austin