



Webinar Agenda | March 22, 2022

Register Online: https://teams.microsoft.com/registration/dqTbOQlcY0yR2s56OrUiTQ,CsC-sCRclk-m_EJq1hrHrQ.gMbvVo3YR0OFo64tC5V2Vw,RywFyD3JCE69FaX8pY5NNw.io65JUQE8kuGLtBLFsUFTA,kwbM4xq6A0av2Y_aivg5Pg?mode=read&tenantId=39dba476-5c09-4c63-91da-ce7a3ab5224d

Objectives:

- 1) Identify major ongoing innovative efforts of TxDOT in fields of electrification, automation, and more.
- 2) Prioritize methods of promoting and preparing for further safety regulations that are of growing importance in automated vehicles.
- 3) Recognize the growing need to understand and identify alternative revenue sources in transportation in the wake of market shifts towards increasingly fuel efficient, and electric, vehicles.

8:30 AM | Call-in Period to Do Sound and Technology Check

9:00 AM | Introductions & Updates – *Darran Anderson, TxDOT and C. Michael Walton, UT Austin*

A representative from TxDOT provides an update on the progress of the Texas Technology Task Force, major ongoing projects, and implementation efforts in varying innovative fields, including alternative energy, and unmanned and automated vehicles.

9:20 AM | Fireside Chat: Evolving AV Safety Regulations

Avery Ash, Inrix with **Mark Kopko**, PA Department of Transportation

Automation technology is rapidly evolving, and most states have enacted legislation or executive orders relating to AVs, including a handful of locations offering on-road AV testing. While the USDOT has established several documents and plans related to AVs, there is still limited cooperation or agreement between agencies at multiple levels of government. This lack of standardization poses possible safety hazards on our roadways. One example of this dichotomy is within the private industry and roadway crashes with public over-reliance on partially automated self-driving features. This discussion focuses on the state of AV regulation between state and federal agencies, plans by AV companies plan to approach this issue, and opportunities for standardization and other methods for moving forward to ensure safety on Texas roadways.

9:50 AM | Open Discussion

10:10 AM | Electrification and Scalability of Alternative Funding Methods

Moderator: Maureen Bock, ODOT Chief Innovation Officer

As the national rate of EV adoption continues to increase, the public conversation often centers around readiness, pieces like the expansion of infrastructure and reliability of grid capacity, though not always on the impacts this shift may take such as funding sources. Existing funding sources, through gas taxes, are increasingly extraneous as traditional combustion engine vehicles consistently improve on gas mileage, and the rate of EV adoption nationwide accelerates. Considering recent federal research opportunities, this panel conversation centers

around opportunities for innovative, and scalable, funding sources in the era of emerging EV use.

Cameron Kergaye, UDOT Director of Research

Adrian Moore, Reason Foundation Vice President

Zeke Reyna, TxDOT Strategic Research Analyst

Travis Dunn, CDM Smith Road Usage Charge Discipline Leader

11:10 AM | Open Discussion

11:30 AM | Closing Remarks – *Darran Anderson, TxDOT and C. Michael Walton, UT Austin*

11:35 AM | Adjourn

EXECUTIVE SESSION

11:35 AM | Collaborative Efforts Between TX Technology Task Force and STIC Initiatives

12:00 PM | Adjourn