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December 8, 2020

TASK FORCE MEETING

Objectives:

- 1) Discuss the impact that developments in electrification technology have on stakeholders
- 2) Identify major trends and technologies that are playing a role in evolution of digital asset management
- 3) Understand the role public state agencies play in pedestrian safety through technology developments

12:30 PM | Call-in Period to Do Sound and Technology Check

1:00 PM | Introductions & Updates – *Darran Anderson, TxDOT, C. Michael Walton, and UT Austin Research Team*

1:05 PM | Electrification in Texas Primer – *Lori Clark and Rebekah Hernandez, NCTCOG*

1:15 PM | Electrification: Vehicles, Grid, and Charging Infrastructure

Moderator: Charlie Bloch, RMI

This panel will focus discussion on the substantial developments being made in several evolving areas of vehicle electrification and potential implications these may have on TxDOT's infrastructure and planning. Significant developments are being made in battery evolution that will expand opportunity for proliferation of EV's into personal, public fleet, and commercial fleet use. This expansion of EV adoption relies upon several technological developments, including battery technology, charging infrastructure, power grid resilience, and several other stakeholders.

Michael Berube, USDOE

Michael Maten, GM

Robert Mowat, HDR

2:15 PM | Technology Deep-Dive & Discussion: Digital Asset Management – *UT Austin Research Team*

Presentation on major trends, technologies, and case studies related to digital asset management.

2:30 PM | Break

2:40 PM | Pedestrian Safety Technologies

Moderator: Tom Lambert, Houston METRO

Pedestrian safety is an important part of the discussion in planning for improved roadway safety. This panel will discuss the major trends in pedestrian safety technology today, future technologies, and other solutions that extend beyond technology. This discussion is particularly important in multimodal environments where several mobility methods and roadway rules interact. Additionally, the panel will describe where state agencies can play a role in pedestrian safety when navigating between city, county, and other municipal boundaries.

Uri Tamir, Mobileye

Matthew Bretoi, FLIR

Dr. Douglas Brooks, SwRI

Joe Hunt, TxDOT

3:40 PM | Closing Remarks and Next Steps – *Darran Anderson, TxDOT & C. Michael Walton, UT Austin*

3:45 PM | Adjourn
