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TECHNICAL MEMORANDUM

TxDOT IAC – Technical Support to the CAV Task Force

DATE: April 29, 2024

TO: Zeke Reyna, TxDOT
Strategic Research Analyst, TxDOT

COPY TO: Lauren, Freriks, Strategic Management Analyst, TxDOT
Beverly Storey, Research Scientist, TTI
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Tim Hein, Research Development Office, TTI

FROM: Robert Brydia, Research Supervisor
Senior Research Scientist, Texas A&M Transportation Institute

RE: Licensing and Registration Subcommittee
April 19, Meeting Notes

Attendees:

Darran Anderson	Texas Department of Transportation
Rob Braziel	Texas Automobile Dealers Association
Robert Brydia	Texas A&M Transportation Institute
Brandi Bush	Texas Department of Transportation
Stacey Chamberlin	Texas Senator Kelly Hancock
Andrea Chavez	Grace McEwan
Margaret Fowler	Texas A&M Transportation Institute
Lauren Freriks	Texas Department of Transportation
Brittney Gick	Texas A&M Transportation Institute
Marcelle Jones	Stantec
Jeremiah Kuntz	Aurora
Sly Majid	Volkswagen Group of America
Brian Moen	City of Frisco
Alison Pascale	Volkswagen Group of America

Zeke Reyna	Texas Department of Transportation
Karen Steakley	Tesla Motors
Richard Steiner	Gatik AI
Beverly Storey	Texas A&M Transportation Institute
Michael Strawn	Texas Department of Licensing and Registration
Daniel Sullivan	Navistar
Allan Rutter	Texas A&M Transportation Institute
Aiden Ali-Sullivan	Waymo

I. Welcome and Introduction – Zeke Reyna, TxDOT

- Welcome to this meeting as we look forward to your input and discussion of developing topics important to this subcommittee

II. Priority Topics Update - TTI

- Focus:
 - Should passenger AV services have Transportation Network Company (TNC) Licenses?
 - What are the legislative requirements for Texas registration, licensing, and enforcement for commercial operating AVs by type and agency responsibility?
- Action Items
 - Explore how passenger AV deployments fit into existing regulator structures across the nation
 - What can Texas learn from national organizations like AAMVA about the standards and documents and information about other states?
 - TTI met with TxDMV to understand how current structure for licensing registration and titling applies to passenger and freight AVs.
 - Conduct similar meetings with DPS to discuss driver licensing and traffic enforcement.
- Available Literature on Passenger AV Deployment Experiences
 - Several academic studies have been completed to look specifically at AV deployments
 - These studies range from 2017 through 2021
 - News stories and non-academic reports are also available and can be used to help partially tell the story about passenger AV deployments.
 - Suggested to gather input from subcommittee members involved in development who have gathered a collection of reviews, testimonials, and input from customer perspective. (If interested, reach out to Zeke or Bob who will put you in contact with right contact)
- Current Events
 - AV testing/operations are being conducted across the country, with significant deployments in Arizona, California, Michigan, and Texas.
 - Several states have produced information at some level on AV testing in their state, ranging from informational brochures to management plans and regulations

- States have varying degrees of regulations for AVs, including licensing and insurance standards
- California implementing stricter regulation of AVs, especially trucks.



Source: AV Test Initiative

- Next Steps
 - Continue reviewing available literature on deployment experiences and success stories
 - Identify gaps and continue the literature search for regulatory impacts
 - Continue developing an outline of findings
- Met with the AAMVA
 - American Association of Motor Vehicle Administrators formed in 1933 to represent agencies in US and Canada who administer and enforce motor vehicle laws.
 - This includes driver licensing and identity, vehicle titling and registration and law enforcement.
 - Was introduced by Roland Luna (TxDMV) to Paul Steier, Director of Vehicle Programs, staff liaison to AAMVA Subcommittee on Automated Vehicles
 - Would this Subcommittee want to hear a presentation from Paul Steier at next meeting on May 20th?
- TTI Meeting with TxDMV Division Leaders
 - Important to understand TxDMV stakeholders, partners, and regulated parties
 - Vehicle dealers and manufacturers
 - Tax assessor-collectors in all 254 Texas counties
 - Motor carriers
 - We will be seeking information to outline current regulations that affect passenger and commercial AVs
- Interacting with Texas DPS
 - Will follow up after TxDMV meetings to engage with DPS
 - Will discuss driver licensing and traffic law enforcement
 - DPS is solely responsible for driver licensing (Texas Department of Licensing and Regulation administers driver education licensing)
 - DPS troopers face traffic law enforcement issues that will be shared by other law enforcement agencies

III. Future Meeting Scheduling

Third Meeting – May 20, 9-10AM CST (Tentative)

IV. Adjourn