

Freight Industry Updates

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AUTONOMOUS VEHICLE
WORK GROUP

Conversations on freight at federal level

- FMCSA → U.S. DOT, AAMVA
 - How to license AVs
 - How to test AVs
 - What's the driver responsible for? The vehicle?
 - Should there be signage?
 - Skills testing of driver in level 3 & up
 - AVs currently tested require a CDL-holding driver in order to take control of vehicle

AV implications unique to freight

- Possibility of changing future of freight in relation to interstate commerce
- Help with challenges freight industry currently facing
 - Driver shortage
 - Increase in demand for goods
 - Increase awareness of need for driver safety/health

AVs deployed/tested in freight/construction



Truck mounted attenuator - Colorado



T-Pod, Autonomous semi – Sweden (DB Schenker & Einride)

Autonomous dump truck fleet – Norway (Volvo)



Subcommittee Work Session

Licensing Subcommittee Work Plan and Road Map

Meg McCann, Deputy Director of DOL – Public Co-Chair

Drew Wilder, Private Co-Chair



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U.S. DOT suggestions for State, Local, & Tribal Governments

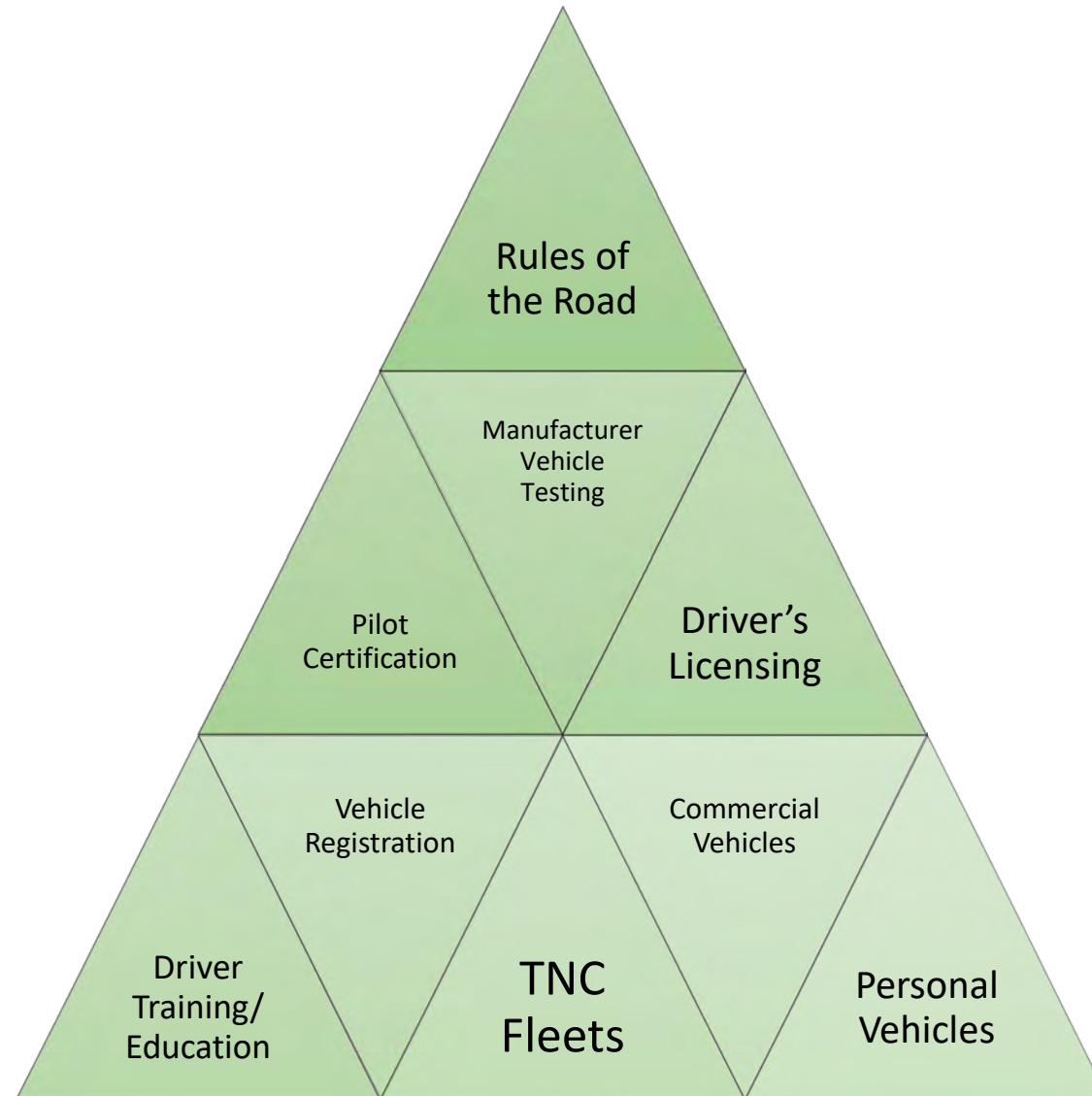
- Review laws and regulations that may create barriers to testing and deploying automated vehicles.
- Adapt policies and procedures, such as licensing and registration, to account for automated vehicles.
- Assess infrastructure elements, such as road markings and signage, so that they are conducive to the operation of automated vehicles.
- Provide guidance, information, and training to prepare the transportation workforce and the general public.

“Preparing for the Future of Transportation: Automated Vehicles 3.0,” U.S. DOT

Governors Highway Safety Association suggestions for State Governments

- Seek to encourage responsible automated driving systems (ADS) testing and deployment while protecting public safety
- Review all traffic laws for changes needed to accommodate ADS testing, both with and without a test driver, and ADS deployment
- Encourage ADS testing while retaining enough control and oversight to protect the public
- Prepare for ADS deployment

AV Licensing Subcommittee Body of Work



AV Licensing Subcommittee Prioritization

*This is a sample list of priorities

Urgency/timeliness/What's happening now?

Risk to public

Most likely requiring change to law

AV Steering Committee's interest/Need for recommendation

Does this conflict with another subcommittee's work?

- Done in conjunction with other subcommittee?

2019 AV Licensing Subcommittee Work Plan

(Proposed) Late April 2019	(Proposed) July 2019?	(Proposed) September 2019	(Proposed) November 2019
<ul style="list-style-type: none">• Common Terminology<ul style="list-style-type: none">• Adopt SAE standards?• Review laws for barriers• Recommend <u>AAMVA technical assistance</u>			