

ITS WORLD CONGRESS

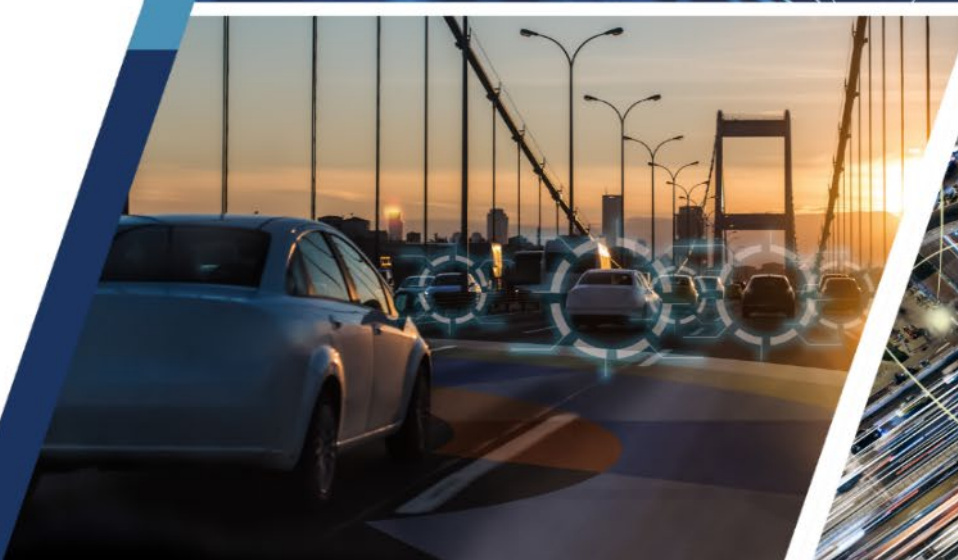
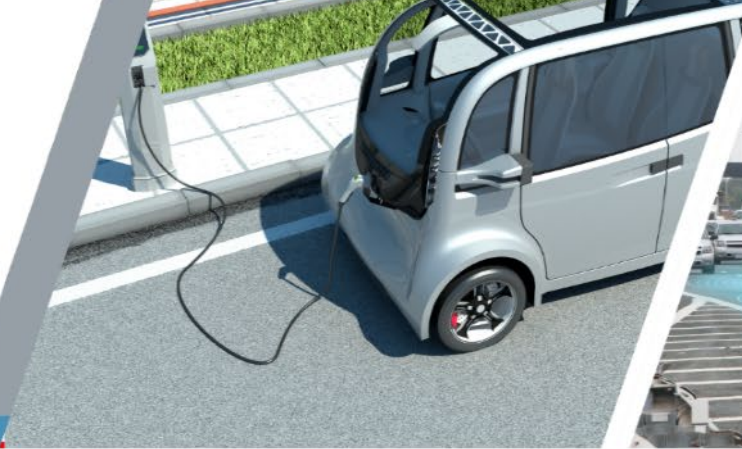
Autonomous Vehicle Testing: How Do We Address Legislative Discrepancies?

October 22, 2019

**Intelligent Transportation
Systems Joint Program Office**



U.S. Department of Transportation

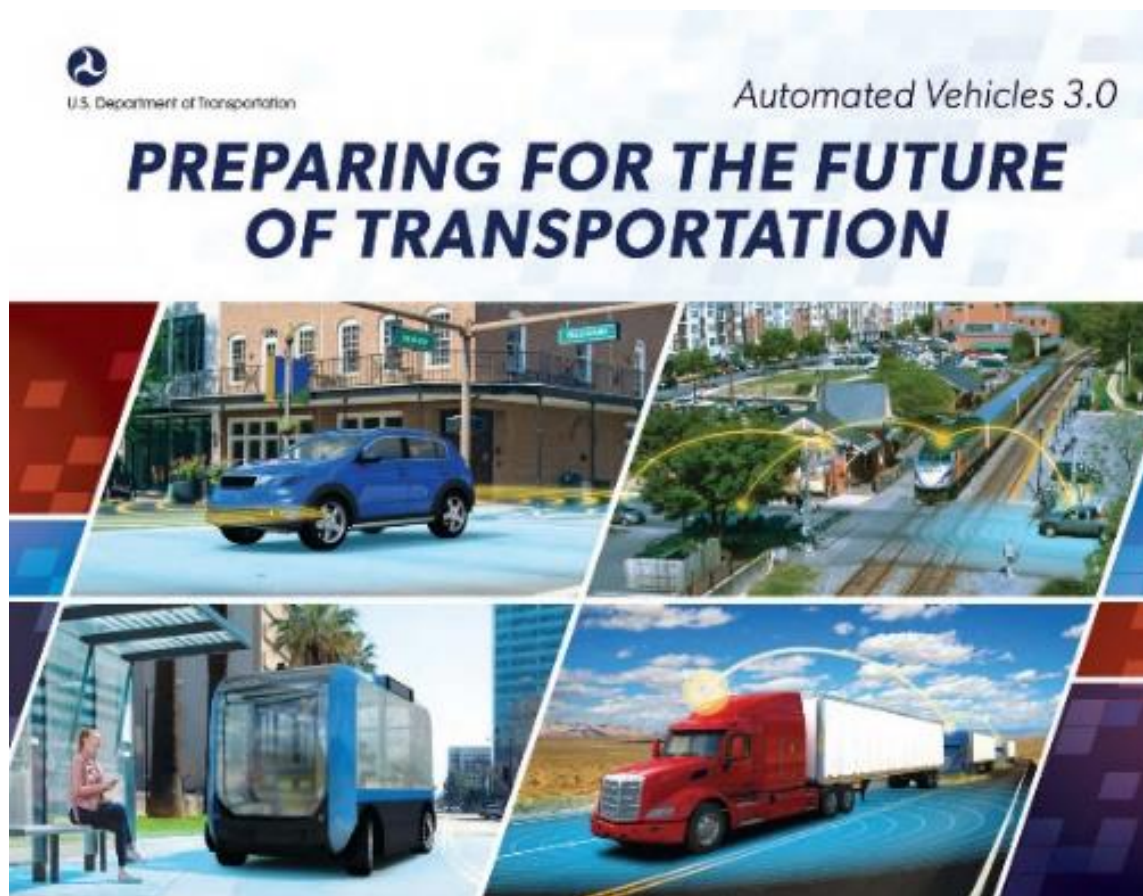


PREPARING FOR THE FUTURE OF TRANSPORTATION

Preparing for the Future of Transportation: Automated Vehicles 3.0 (AV 3.0)

provides:

1. New multimodal safety guidance
2. Clarifies policy and roles
3. Outlines how to work with U.S. DOT as automation technology evolves



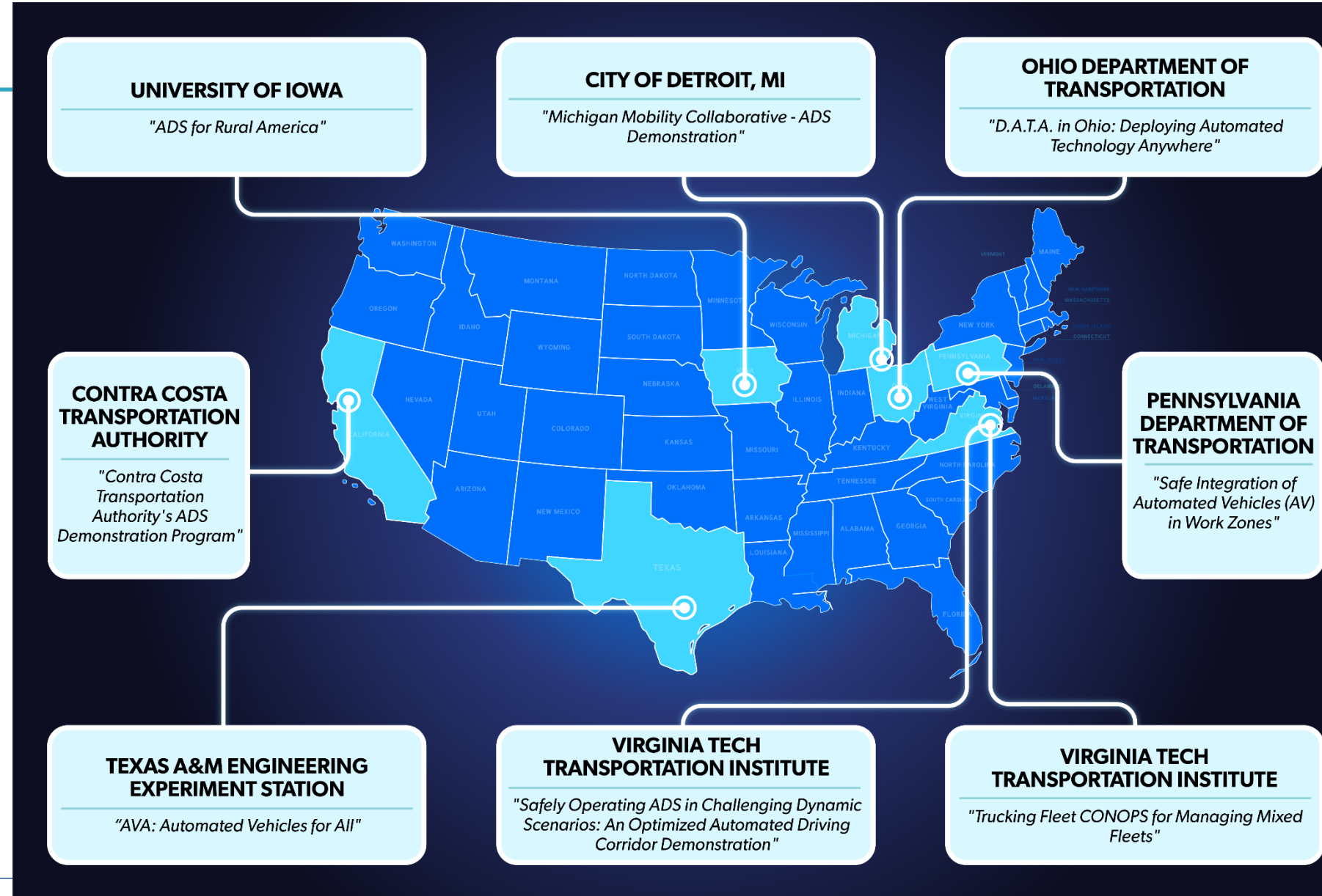
VOLUNTARY SAFETY SELF-ASSESSMENT (VSSA)

- Current voluntary guidance (ADS 2.0, AV 2.0) recommends that entities involved in the testing and deployment of ADS provide an assessment of how they are addressing safety to the public.
- VSSA is intended to demonstrate to the **public** that entities are:
 - Considering the safety aspects of ADS
 - Communicating and collaborating with DOT
 - Encouraging the self-establishment of industry safety norms for ADS
 - Building public trust, acceptance, and confidence through transparent testing and deployment of ADSs.



ADS GRANTS

The U.S. DOT announced nearly \$60 million in federal grant funding to eight projects in seven states to test the safe integration of ADS on our nation's roadways.



OTHER U.S. DOT AUTOMATION ACTIVITIES

- ANPRM for NHTSA Removing Regulatory Barriers for Vehicles With Automated Driving Systems
- ANPRM for FMCSA Safe Integration of Automated Driving Systems-Equipped Commercial Motor Vehicles
- National Dialogue on Highway Automation
- Data for Automated Vehicle Integration (DAVI)/Work Zone Data Exchange
- Automated Vehicles in Long-Haul Trucking and Bus Transit: Analysis of Potential Workforce Impacts Report



COOPERATIVE TECHNOLOGIES

PROTECTING THE SAFETY BAND – 5.9GHZ BAND



Our approach to protecting the Safety Band includes the following activities:

- Applied Research
- Safety Application Testing
- Stakeholder Partnerships
- Information Sharing
- Encourage Deployment and Use for Increased Traffic Safety



THE FUTURE OF TRANSPORTATION

