New England Transportation Consortium Research Project

Connected & Automated Vehicles – Cross State Issues

2018 Northeast Autonomous and Connected Vehicle Summit
June 13, 2018

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Vermont Agency of Transportation
Agenda

- What is NETC
- QR17-1: Quick Response Project Overview
- Research Objectives
- New England Status
- Cross-Border Issues
- Stakeholder Workshop
- Next Steps
What is NETC

- Research cooperative between state DOTs
- Identifies, prosecutes and disseminates shared transportation research initiatives
QR 17-1: CV/AV Quick Response

- TAC with members from all six New England States
- April – October, 2018
- Milestones
  - Kickoff meeting
  - Summary of Issues
  - Stakeholder Workshop
  - Roadmap of Actions
  - Present Draft Report
  - Final Report
Started Here...
Research Objectives

- Identify multi-state issues related to the testing and deployment of CVs/AVs in New England
- Document opportunities and challenges related to the multi-state CV/AV issues
- Prepare an action plan that minimizes the challenges and pursues the opportunities
**New England Status**

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**States are already acting!**
Cross-Border Issue Categories

- Legal/Regulatory
- Infrastructure
- Operations
- Data and Technology
Cross-Border Issues

Legal/Regulatory • Infrastructure • Operations • Data/Tech

- Vehicle Registration
- Driver Licensing
- Crash Investigation
- Insurance
- Freight regulation and policy
- Pilot Testing/Deployment
Cross-Border Issues

- Communication Network
- Road Side Units
- Infrastructure Standards
- Gravel roads
Cross-Border Issues

- TMC/HOC Role
- Operations Between State Line
- International Vehicles
- Outreach, Behavior, Education
Cross-Border Issues

Legal/Regulatory • Infrastructure • Operations • Data/Tech

- Data Gathering
  - Infrastructure data from AVs
  - Data from Road Side Units
  - Key AV functions
- Network Resilience/Cybersecurity
Stakeholder Workshop

- 28 Attendees
- Discussed needs, challenges, and opportunities for the region
- Made adjustments to the list of cross-border issues
- Better defined what is needed for the roadmap of actions
Next Steps

- Additional Research
- Expert Interviews
- Roadmap of Actions due in July
- Draft Report Presentation in September
- Final Report due in October
Thank you!