

2018 Research Symposium

Quick Response: New England Connected Automated Vehicles

& STIC Annual Meeting

RESEARCH PROJECT TITLE

Quick Response: New England Connected Automated Vehicles

STUDY TIMELINE

April 2018 – October 2018

INVESTIGATORS

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VTRANS CONTACTS

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MORE INFORMATION

[POSTER](#)

This fact sheet was prepared for the 2018 VTrans Research and Innovation Symposium & STIC Annual Meeting held at the State House in Montpelier, VT, on **September 12, 2018** from **8:00 am– 1:00 pm**.

Fact sheets can be found for additional projects featured at the 2018 Symposium at

<http://vtrans.vermont.gov/planning/research/2018symposium>

Additional information about the **VTrans Research Program** can be found at

<http://vtrans.vermont.gov/planning/research>

Additional information about the **VTrans STIC Program** can be found at <http://vtrans.vermont.gov/boards-councils/stic>

Introduction

Each of the six (6) New England states is working to advance policies, legislation, and technical issues regarding Connected Vehicles (CVs) and Automated Vehicles (AVs). There is minimal information on the types of CV/AV issues that extend beyond state lines and how states may want to collaborate to reduce risk, minimize challenges, and capitalize on opportunities. The purpose of this research, funded by the New England Transportation Consortium (NETC), is to determine considerations for cross-border challenges and develop a roadmap of activities that states need to conduct to facilitate the operation of CVs and AVs in the region.

Action Taken

Based on previous studies and discussions from a **kick-off meeting** with NETC, the research team developed an all-inclusive list and summary of **cross-border issues** for the New England States, including preliminary actions to address each issue. The team then held a



stakeholder workshop, where participants deliberated over challenges and opportunities, to produce a **roadmap of actions** that included a list of potential regional initiatives. The research team will compile and **present** their findings to NETC and publish a **report** that includes their responses and feedback.

Conclusions

Regional coordination in anticipation of the widespread use of CVs/AVs will better educate New England's population, influence policy, reduce costs, and provide safer roadways for the traveling public. This project provides considerations for identified cross-border issues and a roadmap for implementing initiatives. It is recommended that these elements be reevaluated periodically as technology, the political climate, and state agencies evolve.

Potential Impacts and VTrans Benefits

The project will supplement the efforts of the VTrans' multi-disciplinary working group, in creating a welcoming environment for the testing and deployment of AV technologies in the state.