

2018 Research Symposium

Advanced Transportation Management System (ATMS) and Traveler Information System (TIS)

& STIC Annual Meeting

INNOVATION TITLE

ATMS-TIS-511

STUDY TIMELINE

July 2014 – July 2018

INVESTIGATORS

Robert Heller, Phd SwRI
Jose Perez SwRI

VTRANS CONTACTS

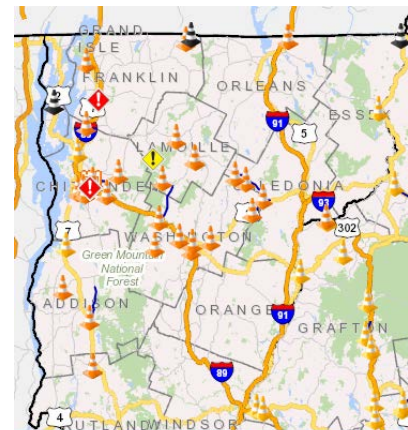
Robert T. White, Sr. Mgr, III

Problem Statement

AOT received a \$1M Acceleration Innovation Deployment grant from FHWA to replace VT's interim 511 system with a new state of the art Tri-State (VT, NH, ME) regional 511 system.

Action Taken

Tri-State ATMS staff met to discuss and develop Con-Ops and requirements for the ATMS-511 system. NH DOT was the lead state and with input from ME and VT released an RFP for the new system. Southwest Research Institute (SwRI) was selected to build the system. SwRI used the best of FL DOT's SunGuide, TX DOT's LoneStar and San Francisco Bay Area 511 system (the defacto 511 system) to implement Tri-State Compass ATMS-511 system, <http://newengland511.org/>



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>

Next Steps

VT, ME, NH, TX, FL, TN and OR now meet quarterly to share ATMS-TIS-511 code enhancements. As an example, Tri-State is going to implement signal and BlueToad modules developed for FL at no additional costs to Tri-State. Next steps are to continue to enhance existing modules and to implement new modules such WIM, CAV, PRND, CAD, etc. as need/warranted.

Potential Impacts and VTrans Benefits

New ATMS-511 system has improved and will continue to improve traveler information dissemination to the traveling public. Tri-State collaboration with Google WAZE crowd sourcing app will enhance VTrans transportation management center's ability to provide real time weather and road condition reporting in 511.