

Catching up with Connected & Automated Vehicle Advances in NJ

A Two-Part Webinar Series

PART ONE

NJDOT's CV Team Efforts including an Overview of the CV Lab at The College of New Jersey (TCNJ) and a Demonstration from the Field

**April 21st
12:00 noon - 1:00 pm**

PART TWO

Hitting the Road with More CAV Programs Including the Smart Mobility Testing Ground (SMTG) in New Brunswick

**May 19th
12:00 noon - 1:00 pm**

Co-hosted by



In coordination with



County and Municipal Traffic Engineers Association

ITSNJ and the Institute of Transportation Engineers (ITE) Met Section are pleased to bring you this two-part webinar series as an introduction to the successful Connected and Automated Vehicle (CAV) initiatives that have been developing around the state. TCNJ's Chi Epsilon civil engineering honor society and Electrical Engineering honor society will also be joining the session.

In Part One, NJDOT's CV team, a collaboration of agency, academic, consultant, and vendor partners, will share the tip of the iceberg on their program. The session will raise some of the technical, security, and policy issues as well as highlight strategies to mitigate them including the CV lab at TCNJ. NJDOT's CV team is reducing risk by testing combinations of roadside units (RSUs), traffic signal controllers, and edge computing systems leading to pilot field implementations.

Part Two, on May 19th, will feature two presentations. In the first presentation Rutgers CAIT and Middlesex County will present the current planning, design, and instrumentation effort for the New Brunswick Innovation Hub Smart Mobility Testing Ground. The second presentation will be on a cloud-based next generation 511 system for alerting connected travelers of geo-located near-real-time hazards (virtual DMS). The app is integrated with Apple CarPlay and Android Auto to reduce driver distraction and maximize fleet penetration without additional OBUs and RSUs.



1 PDH per webinar

Free for ITSNJ, ITE, CAMTEA, ASCE, NSPE-NJ members, and students.

Advance Registration Required.

[Register Online at www.itsnj.org](http://www.itsnj.org)