

April 26
2018



C-V2X Workshop & Demonstration for North American Transportation Planning and North American Road Operators

5GAA SUPPORTED BY
VIRGINIA TECH TRANSPORTATION INSTITUTE (VTTI)

DATE

APRIL 26, 2018 09:00AM – 06:30PM

LOCATION

HYATT REGENCY WASHINGTON ON CAPITOL HILL
400 NEW JERSEY AVE NW, WASHINGTON, DC 20001

WEBSITE

<http://www.5gaa.org/Calendar>

REGISTRATION

https://www.surveymonkey.co.uk/r/CV2X_Workshop_Demonstration

Invitation 5GAA Workshop & Demonstration on C-V2X

Abstract

5GAA is pleased to present a C-V2X Workshop for North American transportation planning and road operations communities (State DOTs, MPOs and local agencies).

This workshop is intended to jumpstart a dialog between technology providers, cellular network operators and the transportation community on the capabilities, timeline and potential role of cellular technologies to transportation systems management and operations (TSMO).

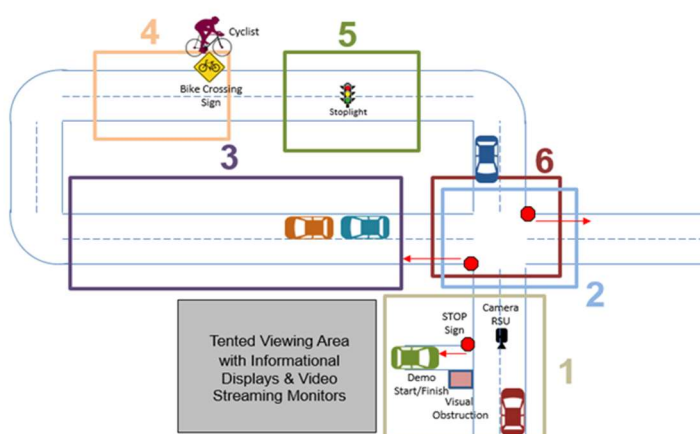
During the workshop, questions from stakeholders and technology providers alike will be asked and answered. In addition to valuable knowledge exchange, a primary output is to define solid next steps to realize the promise of C-V2X on our roads.

Workshop Draft Agenda (TBC)

Time Slot	Event
08:30am – 09:15am	Registration at Hyatt Regency Washington Capitol Hill
09:15am – 09:45am	Introductory Remarks by 5GAA
09:45am – 10:30am	C-V2X: The Basics
10:30am – 10:45am	Break
10:45am – 11:45am	Roundtable Discussion: Transportation Needs & C-VX Solutions
11:45am – 12:45pm	Luncheon Keynote Speakers (Roger Lanctot, Strategy Analytics and VTTI)
12:45pm – 01:15pm	Economics of C-V2X: Alternative Models of Deployment
01:15pm – 01:45pm	Life Cycle Management Discussion
01:45pm – 02:15pm	Wrap Up and Next Steps
02:15pm – 02:30pm	Bus Shuttle to RFK Festival Ground Lot 7
02:30pm – 06:30pm	Demonstrations in Groups at 5-10 min Each

C-V2X Demonstration supported by VTTI

The workshop will be followed immediately by a demonstration of six C-V2X technology scenarios (supported by 5GAA members). Location RFK Festival Ground Lot 7.



1. Use of mobile broadband
2. Direct C-V2X vehicle-to-vehicle communications in action with a left-turn across path opposite direction (LTAP/OD)
3. Direct C-V2X vehicle-to-vehicle communication in action on a straight road scenario
4. Protecting a vulnerable road user
5. C-V2X signal phase and timing (SPaT) broadcast
6. Intersection movement assist