



NORTH CAROLINA
FULLY AUTONOMOUS VEHICLE COMMITTEE



2019 North Carolina
Transportation Summit

January 9, 2019

www.ncav.org





AGENDA

- Recap of previous meetings
- Working group recommendations
 - Legislative
 - Business
 - Infrastructure
 - Research
 - Operations



Activity and Meeting Recap

- 12/4/2017 • Vehicle Technology Day
- 3/29/2018 • FAV Committee Kickoff
- 7/25/2018 • Research Working Group
- 7/27/2018 • Operations Working Group
- 7/28/2018 • Infrastructure Working Group
- 8/2/2018 • Legislative Working Group
- 8/3/2018 • Business Working Group
- 8/6/2018 • FAV Committee Meeting
- 1/10/2019 • FAV Committee Meeting



WORKING GROUP UPDATES



LEGISLATIVE



BUSINESS



INFRASTRUCTURE



RESEARCH



OPERATIONS



INFRASTRUCTURE WORKING GROUP

- Create guidelines and requirements for the installation of advance technology as a part of all new roadway projects.
 - Stress the importance of an AASHTO decision on DSRC vs. 5G
- Designate a set-aside funding source for communication technology projects similar to that of other statewide funding programs.



OPERATIONS WORKING GROUP

Studies and projects to better understand:

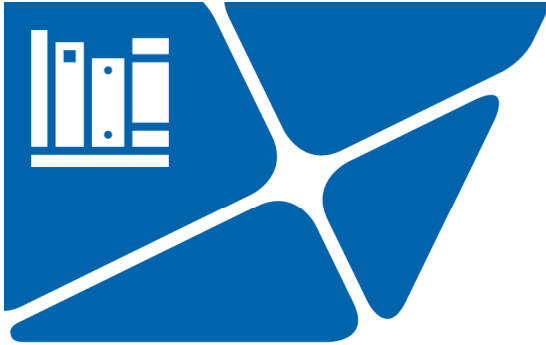
- Scenario planning of CAV impact and the sensitivity of various mobility improvements;
- Data – who, what, when, where;
- Review statutes to ensure seamless testing opportunities;
- Collaboration of statewide CAV experts;
- Curb space management policy guidance;
- Growth of eCommerce and commercial home delivery;
- Impacts to DMV operations;
- Digital theft and cybersecurity vulnerabilities;
- Interaction of autonomous vehicles and citizens;
- Community acceptance and buy-in.

And many, many more.



BUSINESS WORKING GROUP

- Reach out to companies to find out what NC needs to do to be more attractive for CAV testing and industry.
- Remove the uncertainty of liability – create a liability limit, in case of an incident, for those compliantly testing CAV.



RESEARCH WORKING GROUP

- Create a repository of all research and activities related to CAV that are being done in the state.
- To ensure North Carolina remains a competitive player in the CAV realm, there needs to be a dedicated source of research funding.
 - Initiate a study to understand the financial advantages and disadvantages of moving too quickly or not quick enough with respect to leading in CAV technology.



LEGISLATIVE WORKING GROUP

The Governor and/or the General Assembly should make a statement sharing that without any uncertainty, North Carolina is open for testing and operations of CAV technology.



COMMONALITIES

All groups recognize the need for a dedicated funding source to support activities, research, projects, and education.





NEXT STEPS & QUESTIONS



THANK YOU!

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