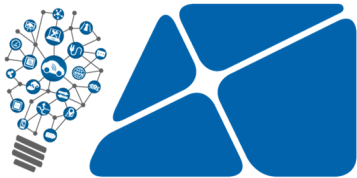# WORKING GROUP DEFINITIONS

BUSINESS WORKING GROUP

This working group will focus on both business development and workforce development centered around advanced AV technologies.

This group will investigate strategies for attracting manufacturers and developers to NC - such as technology researchers, manufacturers, and OEMs. This working group may look at potential partnerships with third party organizations to support training opportunities for workforce development and advanced skills for "at risk" jobs based on impacts from AV technologies.

INFRASTRUCTURE WORKING GROUP

This working group will focus on the potential impacts of AV technology on the transportation infrastructure. This will include all phases from planning and design, to construction, through operations and maintenance of all elements of the infrastructure.

Some of the questions this group will consider include:

- Are there necessary changes needed on the roadway? (i.e. pavement markings)
- Is the current modeling appropriately incorporating anticipated impacts of the AV technology?
- Are there considerations needed for shifts in planning for cities to accommodate shifts in structures? (i.e. parking decks)

This group also may review impacts from connected vehicle (CV) technology within the AV environment. For example, what type of communication is needed for vehicle-to-vehicle (V2V) or vehicle-to-infrastructure (V2I) communication (i.e. DSRC or 5G).

LEGISLATIVE WORKING GROUP

This working group will incorporate information from other working groups to evaluate and propose potential changes in NC policies or legislation.

It is expected that this committee will package proposals for presentation to the full committee prior to presenting to the general assembly, department secretaries/commissioners, or the governor's office.

RESEARCH WORKING GROUP

This working group will:

1. Identify and facilitate research opportunities for NC Universities, private agencies, manufacturers, and coordinated partnerships.

2. Educate the committee members and other working groups regarding research currently underway across the country and internationally.
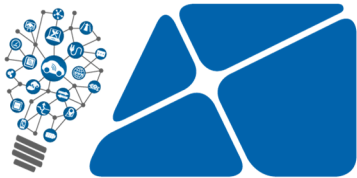
OPERATIONS WORKING GROUP

This working group will focus on impacts to the way AV will shift agencies' approach to providing transportation as a service.

What are the impacts on transportation management centers for freeway, arterial, and transit operations? How will private sector ridesharing services affect the role of a public agency? How will AV change the needs of the current workforce? What are the impacts the DMV's business model for licensing and educating drivers on the operations of AV?

This working group also will consider the many facets of data sharing: reviewing how data should be shared, stored, archived, etc. and who should own the data.

RECOMMENDED MEMBERSHIP

☐ INCLUDE ME   ☐ INCLUDE ME   ☐ INCLUDE ME   ☐ INCLUDE ME   ☐ INCLUDE ME

BUSINESS RECOMMENDATIONS	INFRASTRUCTURE RECOMMENDATIONS	LEGISLATIVE RECOMMENDATIONS	RESEARCH RECOMMENDATIONS	OPERATIONS RECOMMENDATIONS