

Idaho Autonomous Vehicle and Connected Vehicle Testing and Deployment Committee

— Meeting Minutes, May 30, 2018 —

The committee met at 8:00 a.m. at the Idaho Transportation Department's District 3 Office, 8150 Chinden Boulevard, Boise, Idaho.

Standing Committee Members in Attendance:

- Senator Bert Brackett Idaho Senate *(via WebEx)*
- Tom Donovan Idaho Department of Insurance
- Sam Eaton Office of the Governor
- Major William Gardiner Idaho State Police *(standing in for Lieutenant Colonel Sheldon Kelley)*
- Bobbi-Jo Meuleman Idaho Department of Commerce
- Brian Ness Idaho Transportation Department

Governor-Appointed Committee Members in Attendance:

- Jason Andrus Doug Andrus Distributing, LLC *(via WebEx)*
- Matthew Conde American Automobile Association
- Paul Scullion Association of Global Automakers *(standing in for Josh Fisher via WebEx)*
- Linda Jones Lincoln County Assessor
- Dr. Anne Marie Lewis Alliance of Automobile Manufacturers *(via WebEx)*
- David Lincoln Golden Gate Highway District
- Jeff Miles Local Highway Technical Assistance Council
- Bobby Petersen Fairly Reliable Bob's, Inc.
- Sheriff David Sanders Camas County Sheriff's Office

Committee Chairman Brian W. Ness, Director of the Idaho Transportation Department (ITD), welcomed members to the first committee meeting, and reviewed the Governor's Executive Order directing this committee to (1) establish a path toward future testing and deployment of autonomous and connected vehicles (AV / CV), and (2) to develop and submit its first report by November 1, 2018. Three meetings are scheduled in 2018 (May 30, August 21, October 16) with a focus on policy considerations, infrastructure, security and privacy, and testing and deployment.

Chairman Ness also addressed the fact that the American Association of State Highway and Transportation Officials, also known as AASHTO, uses the phrase "Cooperative Automated Transportation," (CAT) rather than "Autonomous and Connected Vehicles," because their phrase places the focus on the entire autonomous vehicle transportation system—not just the vehicles, and that the committee may want to discuss adopting that phrase for national consistency.

Jeff Marker, ITD Freight Program Manager, gave a presentation titled "Autonomous and Connected Vehicles 101," providing an overview of terminology, automation levels, federal and state activities, and actions and projects underway in Idaho. He discussed the six levels of vehicle automation, explained the two primary communication technologies that are currently competing in the marketplace (Dedicated Short-Range Communications [DSRC] and 5G and 6G Wi-Fi), and addressed legislative activities at the federal and state levels.

Dale Higer, from the Uniform Law Commission's Drafting Committee on Highly Automated Vehicles, gave a presentation on policy developments at the regional and national levels. He addressed federal and state regulatory roles, the importance of providing a "technology neutral" environment that does not favor one type of technology over another, and federal and state legislative activity.

John Tomlinson, ITD Highway Safety Manager, gave a presentation on National Safety Policy. He addressed the different safety roles and responsibilities for federal and state agencies, and recommendations for (1) licensing the drivers who may participate in the testing of self-driving vehicles, (2) state regulations governing testing of self-driving vehicles, and (3) the principles for testing self-driving vehicles. He also addressed eight areas of a model state policy regulating self-driving vehicles.

Jeff Marker, ITD Freight Program Manager, gave a second presentation to the committee, addressing liability considerations, including personal liability insurance, activities to date in other states, and liability considerations in Idaho addressing infrastructure responsibility, sovereign immunity, and cybersecurity.

Ed Bala, ITD District 5 Engineer, gave a presentation on infrastructure, addressing the need for infrastructure to enable automated and connected vehicles to operate on Idaho roads, funding implications, infrastructure needs, future capacity needs, and the speed at which autonomous vehicle technology is being developed and deployed nationally.

Throughout the morning, the committee held several discussions about the information that had been presented to them, including each committee member's primary take-away for each topic area. These items will be included in the committee's first report to the governor in November.

Four of the major comments and take-away points brought forth by several members addressed:

- The rapid pace of implementation for autonomous and connected vehicle technology.
- The need to engage other states for lessons learned and future recommendations.
- The possibility of adding a person to the committee with Geographic Information System (GIS) expertise.
- The difficulty of funding the needed AV / CV infrastructure investments in a state that has currently has a \$417 million annual shortfall for highway maintenance, safety, and capacity.
- The need to further study the specific safety, infrastructure, technology, and economic implications of commercial vehicle platooning.

Chairman Ness asked that ITD staff create a draft report of this first meeting for review by the committee in August, and adjourned the meeting at 11:40 a.m.

Signed

Brian W. Ness, Chairman

Read and Approved
August 21, 2018
Boise, Idaho