

Idaho Autonomous Vehicle and Connected Vehicle Testing and Deployment Committee

— Meeting Minutes, August 21, 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
- Tom Donovan Idaho Department of Insurance
- Brian Ness Idaho Transportation Department
- Lt. Colonel Sheldon Kelley Idaho State Police
- Jeffery Weak Office of the Governor

Governor-Appointed Committee Members in Attendance:

- Jason Andrus Doug Andrus Distributing, LLC
- Chief William Bones Boise Police Department
- Matthew Conde American Automobile Association
- Josh Fisher Association of Global Automakers *(via WebEx)*
- 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 second committee meeting. The minutes from the first committee meeting were unanimously approved by the committee without changes.

Chairman Ness opened a discussion on the draft report to the governor, and asked for proposed changes. Several minor edits were brought forward and approved by the committee. These changes will be included in the next draft of the report.

The committee discussed and approved using the phrase "Cooperative Automated Transportation," (CAT) to align with terminology used by the American Association of State Highway and Transportation Officials and other states, because the phrase places the focus on the entire autonomous vehicle transportation system—not just the vehicles.

Pete Palacios, Idaho Transportation Department IT Infrastructure Manager, gave a presentation on system infrastructure. He provided information on the types of infrastructure needed for connected and automated vehicles to operate on public roads. He discussed the types of communication used by the vehicles, data use and generation, urban and metropolitan area issues, and addressed the fact that transportation and law enforcement agencies will need to both provide and collect data. The presentation was followed by a question-and-answer session and a discussion of key take-away messages from committee members.

Ken Rohde, from the Cybercore Integration Center at the Idaho National Laboratory presented information on cybersecurity and data privacy. He addressed cybersecurity programs; timelines; vulnerabilities, risks, and exploits; engineering; power needs and impacts of electrical vehicles; security and privacy priority levels; and the importance of securing payment card and personal identification information. He shared

examples of failed privacy protection, the vulnerabilities of infrastructures, and closed by stating that all agencies will need to be involved in cybersecurity. The presentation was followed by a question-and-answer session and a discussion of key take-away messages from committee members.

Amy Smith, Idaho Transportation Department Division of Motor Vehicles Policy Analyst, gave a presentation on training, licensing, and registration. She presented information she gained from attending a recent conference held by the Transportation Research Board, which was attended by representatives from 35 states and more than 30 countries. She addressed many of the challenges associated with developing artificial intelligence, sharing data with manufacturers and developers to reduce safety risks, U.S. Department of Transportation automated research activities, and development timelines. She also shared information on vehicle deployment and ownership, Mobility as a Service, benefits and risks associated with automated vehicles, licensing, registration, and law enforcement issues, and a recent survey by the American Automobile Association that shows an increase in the percentage of people who are afraid to drive in an automated vehicle. The presentation was followed by a question-and-answer session and a discussion of key take-away messages from committee members.

Dr. Ahmed Abdel-Rahim from the University of Idaho, presented information on the testing and certification of autonomous vehicles, including the three legal instruments that are currently being used (binding, non-binding, and exemptions), current regulations in California, government oversight, partnerships, and testing guidelines provided by the American Association of Motor Vehicle Administrators. The presentation was followed by a question-and-answer session and a discussion of key take-away messages from committee members.

John Tomlinson, ITD Highway Safety Manager, gave a presentation covering what states can do to address safety issues. He presented information about public opinion, elements of safety, behavioral issues, law enforcement, educating the public, and national recommendations for states from the Governors Highway Safety Association. The presentation was followed by a question-and-answer session and a discussion of key take-away messages from committee members.

Chairman Ness closed the meeting by thanking the presenters and announcing that an updated draft report will be sent to committee members for review in two weeks. He reminded committee members that the next meeting will be held on October 16, and asked them to be prepared to bring forth and discuss recommendations that will be included in the final report.

The meeting adjourned at 11:46 a.m.

Signed

Brian W. Ness, Chairman

Read and Approved
October 16, 2018
Boise, Idaho