Subcommittee on Cybersecurity and Privacy
March 1, 2019

Attendance
Subcommittee Members: Rick Blackwell, Daniel Fernández, Cheryl Hiemstra, David McMorries, Bob Nash, Jeremiah Ross
Other Task Force Members: Brett Morgan (staff for Rep. McLain), Lt. Tim Tannenbaum
ODOT Staff: Andrew Dick, Amy Joyce, Sarah Kelber, Ali Lohman

Introduction
Subcommittee lead David McMorries welcomed the group. Chair Tannenbaum reminded everyone to build on the good work done during the first round of the task force last year.

Review of Round 1 Recommendations and Round 2 Scoping Results
McMorries reviewed the recommendations around cybersecurity and privacy made by the task force during the first round last year. See slide 4 of the meeting presentation for details.

Andrew Dick discussed the results of the scoping exercise conducted at the task force meeting on Dec. 4, 2018. The scoping results can be viewed on slide 5 of the meeting presentation.

State, Federal and Private Sector Roles in Cybersecurity
Dick explained the federal and state roles in regulating vehicles, noting that the federal government sets safety standards for vehicles and equipment, whereas the states regulate human drivers, register vehicles, set requirements for insurance and liability, and enact and enforce traffic laws. States may also conduct safety inspections, but Oregon currently does not.

The National Highway Traffic Safety Administration has proposed that the division of responsibilities for regulating conventional vehicle remain the same for automated vehicles (AVs).

Background on National Efforts
Dick provided an overview of research efforts and initiatives by national organizations, including:
- The Automotive Information Sharing and Analysis Center (Auto-ISAC)
- Securing the Modern Vehicle, a report by the International Society of Automotive Engineers (SAE) and Synopsis
- Global Automotive Cybersecurity Report 2019, a report by Upstream Security
- NCHRP 03-127: Cybersecurity of Traffic Management Systems, an ongoing effort conducted by the National Cooperative Highway Research Project

For details, see slides 10-14 of the meeting presentation.

Dick noted that the SAE/Synopsis report raises concerns that automakers have not staffed up to specifically support cybersecurity of modern vehicles as opposed to cybersecurity of their organizations as a whole. Dick also highlighted a finding from the Upstream security report: Cyberattacks most often
target stored customer data, but there has also been an increase in attacks on vehicle telematics and burglaries that involve cyberattacks, such as hacked key fobs.

Dick invited the group to share any other initiatives that might be relevant. Rick Blackwell shared that the National Association of Insurance Commissioners (NAIC) has put out a report related to data and AVs. Cheryl Hiemstra also suggested monitoring the Federal Trade Commission, which may not issue anything specifically related to automated vehicles but may address privacy more generally. Dick invited subcommittee members to send any other relevant materials to Ali Lohman.

**Revisions to Subcommittee Scope**
The subcommittee decided that the topics from the scoping exercise could be grouped into three distinct categories:
1) Cybersecurity
2) Consumer protection and privacy
3) Data sharing and intellectual property

The subcommittee also decided to refer two items from the scoping exercise to the Subcommittee on Road and Infrastructure Design:
- “Cybersecurity for road infrastructure/V2I”
- “Data needs of vehicles”

**Discussion of Final Product**
The subcommittee agreed to develop white papers on each of the three scoping categories. The white papers will document their work and capture their considerations and conclusions. The subcommittee and the full task force will be able to refer to the white papers when preparing materials to submit to the legislature.

**Public Comment**
There was no public comment.

**Next Steps**
McMorries volunteered to draft the first white paper documenting considerations and conclusions from the first meeting.

Staff will distribute copies of the California regulations on AVs and privacy.

The subcommittee will meet again in early April, and a full task force meeting will follow in late April or early May.