Welcome and Review of Minutes (Cheryl Hiemstra)

Meeting Start 1:01 p.m.

Carrie MacLaren clarified tasks for herself and Becky Steckler regarding goals and data requests. She also reminded the members to send her data requests.

Minutes adopted 1:08 p.m.

Informational Presentation – Siva G. Narendra, Tyfone

“What does cybersecurity mean to you?”

Siva Narendra, CEO of Portland cybersecurity company Tyfone, presented on the problems and opportunities in contemporary cybersecurity.

See posted presentation slides: Presentation (Narendra)

Informational Presentation - Suzanne Lightman, National Institute for Standards and Technology (NIST)

“Ramifications of Cybersecurity Risks in Vehicle Space”

Suzanne Lightman of NIST presented on cybersecurity considerations generally and specific to AVs.

See posted presentation slides: Presentation (NIST)
Public Comment

Rose Feliciano – Rose asked Siva Narendra if there was any existing area of cybersecurity that had significant overlap with what will be required of AVs. Narendra said that critical infrastructure had some similarities in the magnitude of its potential risk and its need to start from scratch.

Discussion of Potential Recommendations for Report

Ali Lohman reviewed the cybersecurity recommendations for states from NHTSA and California’s cybersecurity law for deployed AVs.

Cheryl Hiemstra thought the California approach could be instructive. She noted it was not specific, but it would ensure that Original Equipment Manufacturer (OEM) have to at least be considering cybersecurity.

David McMorries asked at what phase California-inspired language would be applied.

Lt. Tannenbaum suggested applying language like California’s in the testing framework.

The subcommittee wanted to know what AV/CV-ready infrastructure Oregon has in place.

The subcommittee addressed what should be in the scope of the 2018 report. The subcommittee decide it would be important to create “strands” of values related to long-term policy that would be present in the 2018 report and expanded upon in the 2019 report.

Meeting End 2:32 p.m.

Recommendations for the Task Force on Autonomous Vehicles

Long-Term Policy Workshop

The Subcommittee on Cybersecurity and Long-term Policy recommends that ODOT staff schedule a workshop focusing on long-term policy issues and concerns. The workshop should be open to all task force members and held in early August.

Cybersecurity Requirement

The Subcommittee on Cybersecurity and Long-term Policy recommends that the following be included as a requirement to obtain any permit for the testing of AVs on public roads. The requirement is heavily drawn from California’s driverless deployment regulations (13 CCR §228.06 (a)(10).

The manufacturer shall certify that the autonomous vehicle meets appropriate and applicable current industry standards to help defend against, detect, and respond to cyber-attacks, unauthorized intrusions, or false vehicle control commands.

Data Privacy – Statement of Principle

The Subcommittee on Cybersecurity and Long-term Policy recommends that a statement of principle in support of data privacy be included in the 2018 report.