

Policy & Legislation Subcommittee Meeting November 20, 2018

Attendees:

- Iowa DOT: Mark Lowe, Donna Matulac, Adam Shell, Garrett Pedesen, Renee Jerman
- University of Iowa: Dan McGehee, Omar Ahmad, Anna Dizack, Jim Sayre
- Iowa Department of Public Safety: Roxann Ryan
- Freight Advisory Council: Tom Determann
- AAA - Wisconsin/Minnesota/Iowa/North Dakota: Nick Jarmusz
- Des Moines Area MPO: Dylan Mullenix
- Daimler Truck: Ritchie Huang
- City of Iowa City: Geoff Fruin
- Iowa City Area Chamber of Commerce: Jennifer Banta

Action Items:

- Subcommittee – send Anna Dizack any ideas of Policy & Legislative Subcommittee members by the end of December. Anna will be investigating and reaching out to potential additional members soon.
- Anna to look into additional subcommittee members from:
 - Ag community
 - Insurance industry or someone with liability knowledge (Iowa Insurance Division?)
 - Someone from Iowa League of Cities (Geoff is on policy committee—potentially Robert Palmer with League policy)
 - Public Works Association (member from the western side of the state?)
 - Iowa State Association of Counties rep
 - Law enforcement
 - Legislature
- Anna – send subcommittee meeting invitation to Iowa Advisory Council on AT meeting next week, in case anyone would like to attend.
- Anna – will include subcommittee on demo day invitation at NADS anticipated for January.

Meeting Notes:

Key policy and legislation questions

- Ritchie – as an OEM, we've discussed with other states in testing vs. deployment – the safety aspect is critical. Do you have a separate policy for testing vs. deploying. For us, the pace isn't going to be as fast for us as what you've been reading. As we start testing, we need to look at how we commercialize. A fundamental point from an OEM point of view.
- Geoff – cities are all trying to figure out what this means for cities. It has huge implications, but don't know at this time.

- Jennifer – colleagues at ICAD are interested in platooning, especially with trucking on I-80. Rules that go along with that.
- Dan – now that election is over, we can concentrate on pushing direction at the state level.
- Roxann – take a serious look at privacy issues involved. The convenience of the AVs is great, but what are the privacy interests involved, what types of legal things do we need to access information? Security issues go along with this as well.
- Dylan – data sharing, standardization of that. Communication, how communities or state collect data.
- Dylan – how will it affect communities from a P&Z standpoint. What should communities think about? There’s probably nothing about AVs. Could have checklists.
- Mark – in connection with platooning, we’re in this in-between space with NHTSA-approved vehicles on the roads but we struggle with platooning because we don’t have that ability to weigh things. Are we trying to create space for this or not? How do we deal with this in-between time? Federal gov has not defined how we deal with some of these vehicles.
- Ritchie – they are actively testing platooning. It’s not in an area where they feel it can be commercialized. They hear that platooning is just around the corner, states are asking them to test there, but they’re struggling with safety risks they’re seeing. But we’re increasing a safety risk by putting two trucks closer together. Would like to have the discussion more on platooning. Want subcommittee to see the bigger picture, see trucks on the track. Have tested in Oregon and Texas. Safety part of it is key for Daimler. But when the time is right, he can present more information. Also interested in standalone automation. Platooning is a component of automation, not full automation.
- Geoff – from a city perspective – cities have been dealing with automated testing requests from ridesharing entities. State controls that now, cities don’t have authority. How are we setup to handle any sort of request from rideshare companies. Is there anything on the legislative front in anticipation of these requests?
 - Mark – the authority to enforce that would be much more in the DOT (what they register and don’t register in the state), but also flows down through the police vehicles through the state. Follows more of what’s legal and not legal as a vehicle on the road, not home rule so much. But if we start to allow these types of vehicles on the road, we may need to look at registration issues for ownership and liability. Are we sustaining the revenue stream for our infrastructure? As the model of how vehicles are used, policy & registration may change.
 - Dan – a state law regulates the weight of vehicles during harvest, but this is always waived by the governor during the harvest. Is there a possibility of some of these laws like following distance could be waived temporarily like this?
- Mark – that is done under an “emergency proclamation”
- Items in email from Peter Rafferty (unable to attend meeting):
 - What barriers exist in Iowa Code? Administrative Rules? Maybe Ms. Jerman or others have already dug into it. Answering this well may include engaging an LSA staffer to do the research/audit. Can this Committee request that?

- A great low (or relatively so) hanging fruit is to allow truck platooning. See [Scribner's state-by-state guide](#) or the [recent MAASTO study](#) on this (and propose reviving the 2017 bill). Great for harmonization with neighboring states that also have a lot of interstate truck traffic.
- Is there sufficient consensus on what Iowa wants to allow? And how? If not, what are the concerns we should address? Whether or not, outreach and education is obviously key. There are various competing approaches (e.g., see [CSG summary](#)) that Iowa can look at from other states (e.g., California vs Arizona). Also in the neighborhood, some of you may like to track [MN's ongoing efforts](#) or skim [WI's recent CAV report](#).
 - Nobody is an expert at all this, but there are several good resources to help. If you're looking for a place to start, I suggest the [Midwest CAT Resources page](#). Recognize federal vs state roles.
- Is everybody clear about the distinction between CV and AV, and the levels of AV? Refer to [SAE levels char \(png image\)](#) – regulations will vary per level, and that middle level 3 is the messiest from a technical, human factors, and regulatory standpoint. Much of the P&L will be about automation, but CV has its own set of privacy and cybersecurity issues.

Suggestions for additional policy and legislation subcommittee members

- Garrett – Ag is on broader council but not necessarily on this subcommittee. Would be an important voice to have in this discussion – on urban form and land use, increased sprawl.
- Tom – someone from the insurance industry or liability?
- Ritchie – how are cities involved with this council and subcommittees?
- Geoff – someone from Iowa League of Cities, Geoff is on policy committee. Robert Palmer is policy on League
 - Also Public Works Association – would they designate a member from the western side of the state
- Tom Determann – Iowa State Association of Counties rep
- Email from Peter Rafferty (unable to attend meeting):
 - Consider a rep from insurance, law enforcement, and the legislature. A representative from the Iowa Insurance Division could really help with liability implications and can help link to the resources coming out of NAIC. How changing regulations are to be enforced is an ongoing challenge, and bringing in a law enforcement representative early would be helpful. Though not distinctly indicated on the roster, motor vehicles and driver licensing (Ms. Spiegel from DOT) is a critically important voice for CAV/CAT P&L. Earlier in 2018, AAMVA published [a report \(link to pdf\)](#) with good guidance on how to tackle credentialing, licensing, and enforcement.
- Anna to investigate these options. Subcommittee to send additional ideas, if they think of them.

Subcommittee Chair

- No members expressed interest in taking on role. UI team will follow up at next subcommittee meeting.

Iowa Advisory Council on AT Meeting in November

- Anna to send subcommittee meeting invitation – welcome to attend.