

MEETING NOTES

Iowa Advisory Council on Automated Transportation (AT) Economic Development Subcommittee Meeting

Skype Conference Call – 319-467-1100, conference ID: 8442672#

Monday, May 6, 2019

3-4pm

1. Welcome and introduction of Subcommittee Chair – Anna Dizack, University of Iowa National Advanced Driving Simulator
 - Rick Peterson, IEDA – Subcommittee Chair

2. Update on ATC meeting held Friday, March 29th (5 minutes) – Rick Peterson, Iowa Economic Development Authority
 - Steve Boyd from Peloton provided an update. Visit: <https://peloton-tech.com> for more info.
 - Scott Marler provided a brief update on the National Highway Automation Effort
 - Peter Rafferty set forth the foundation of the AV plan effort and discussed a three-pronged approach
 - Next ATC Meeting will be June 12th
 - Anna – Sharepoint site access will be provided after the meeting to access presentation and ATC info

3. Recent AV legislation (10 minutes) – Dan McGehee, University of Iowa National Advanced Driving Simulator
 - Dan presented SF 302 bill details
 - Association of Automobile Manufacturers
 - Worked with Representative Ashley Hinson (and Senator Chris Cournoyer)
 - Provides operational definitions and language on driverless vehicles, as well as insurance issues
 - Helps market the state
 - Peter – any immediate changes from the bill?
 - Dan – part of a longer-term state vision starting with a former Iowa DOT director. Sets up a longer-term framework so we're ready to operate in the state. Even if you don't have a law, there's a lot of people who want clear definitions, operational definitions to operate on our roads. Some states provide vague language but we provide clearer language. This provides the first step that provide operational elements.

4. ATC Vision Project (30 minutes) – Peter Rafferty, Gannett Fleming
 - Peter went through slides on ATC Planning
 - Dan – discussed platooning bill that didn't go through and towing/following distance bill that was passed (SF 428 did not pass, HF 387 did)

- Platooning – a couple highly-specialized trucks can connect as they drive, shared braking and acceleration
 - Platooning can provide 8-10% fuel savings but also safety aspects
 - Reasonable and prudent following distance language included in the approved bill
- Rick Peterson – Already seeing activity with recent bill signing with emerging or existing companies.
- Mike Ralston (Iowa Association of Business & Industry) – one conversation at ABI board meeting – there’s going to be automated transportation that will be good because truck and common carriers can’t find drivers.
- Dan – this is a long-term proposition. We won’t have robot vehicles driving down our interstates driving down the roads any time soon. This is a starting point. We need to manage constituents’ expectations as we move forward.
- Shannon Landauer – looking for prompts to be more helpful to the subcommittee
- Mike Ralston – surprised trucking hasn’t come up more than it has in his conversations. What kind of a timeline are we looking at? Where do any of these have to pass? Some are backing away/cautioning the industry from AVs.
 - Dan – the investment side of things are beginning to cool on the very advanced self-driving vehicles (ex. Uber relative to IPO). This is a long-term thing and there’s been a lot of over-hype. People are starting to see how much cost is involved. The Operational Design Domain (ODD) – slow and slower. When you actually see where and how they operate, they’re going super slow in very limited conditions. We’re far from the broad-based ubiquity of these vehicles. Reality right now is slow-moving transportation.
- Mickey Shields – from the League’s perspective – biggest thing is getting ready to make sure this is done properly. How can they connect with others? Guide cities to work with their partners: counties, non-profits, etc. Cities want to be thinking about it and what can we tell them for their long-term capital improvement plans and planning discussions?
 - Peter – SF 302 that was just passed – they are not allowing any local preemption.
 - Dan – nationally a big challenge, coast to coast transportation
- Tom Banta – any update on the applications for the grant funding?
 - Peter and Anna – No updates yet, early to mid-summer on some of the recent grant applications
- Jasmine Almoayed – how does this increase transportation? Transit service providers? Business-side of things, we have a large amount of trucking companies in Cedar Rapids. Looking to the future to be able to grow – in logistics operations. How will this tech impact those industries in general? Long-term investments in the companies?
- Peter – what are we hearing from local companies on logistics issues?
 - Mike – don’t hear anything about this
 - Rick – haven’t heard anything directly. There’s a general awareness that this is coming.
- Peter – can we meet with stakeholders?
 - Rick said we could, should get more people involved.
 - Peter – invite stakeholders to the subcommittee

5. Information and key upcoming dates

- Council SharePoint site – Anna Dizack will send invitations to view contents
- Iowa ATC Meeting: Wednesday, June 12th, 10am-12pm

SUBCOMMITTEE MEMBERSHIP

Economic Development Subcommittee

Name	Organization	Email
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