Cooperative Automated Transportation (CAT) Coalition Policy, Legislative, and Regulatory Working Group
June 16, 2020 Webinar
Notes and Summary of Discussions

Summary of Action Items

1. Pat Zelinski to circulate a survey to members asking for input on the direction and work plan for this working group. Members are asked to provide input to the survey when received.

Welcome

Jennifer Toth (Maricopa County DOT and co-chair of this working group) opened the webinar. Jennifer reviewed today's agenda. A webinar slide deck was used to support the discussions, a copy of the slide deck is being circulated with this summary.

Strategic Initiatives Working Group Update

Blaine Leonard provided a brief overview of the Strategic Initiatives Working Group – the other CAT Coalition WG within the Programmatic & Strategic Activities Focus Area. The focus of the Strategic Initiatives WG is on encouraging deployment.

Blaine noted that the Strategic Initiatives April 2020 webinar included presentations on security credentialing, with presentations from both public and private entities on credentialing. Blaine also noted that the Strategic Initiatives Working Group is involved in an activity to identify and take the needed steps to ensure that roadside broadcasts are compatible and trusted by automobile manufacturers. This initiative is called "Enabling Connected Intersections" and was recently launched as part of the CAT Coalition. The Strategic Initiatives WG plays a key role in this and will be performing outreach to gather input and reactions from the PLR WG.

UC Davis - State Automated Vehicle Policy: Is it keeping up with technology?

Kelly Fleming presented on research conducted by the UC Davis Policy Institute for Energy, Environment, and the Economy. The report was published in April 2020 and is available on the [UC Davis website](#).

The research provides an assessment on what states are doing regarding Automated Vehicle (AV) policy. Kelly noted that UC Davis has published earlier reports regarding policies to increase mobility access, decrease emissions, and improve safety. This project was to look closer at proposed AV policies to understand how policies are being implemented and the extent of considerations (e.g. environmental, equity, etc.).

One motivation of the research was to understand the potential impacts of AVs on emissions and equity. Kelly noted that some scenarios of AV use have potential to decrease emissions (e.g. platooning, eco-driving, etc.), however some scenarios have potential to increase pollution (e.g.

more trips, longer distances, lower travel costs). Kelly noted that policy decisions could help encourage the uses that help reduce emissions.

How Permissive States are Towards AVs. Kelly described the portion of the research that examined how permissive states are towards AV (assigning states with a 'Permissiveness score' score in the range of 1 – 3 (with 3 being the most permissive and describing situations where AVs are legal on roads without guidance or restrictions). Kelly stepped through a few examples, and noted that all the findings are in the published report.

Regulating AV. Kelly noted that the research and report also explored how states are Regulating AVs, with the examples that some states have designated authority to others, while some have taken action to regulate AVs.

Policy Roadmap. Kelly noted that, based on analysis of findings, the report identifies a roadmap for states to consider. She outlined three high level steps, with supporting details for each:

- Designate commission, studies, uniform definitions
- Establish safety standards and rules for operation
- Designate regulatory authorities

Policy Recommendations. Kelly reviewed some recommendations for policies enacted by the roadmap. Specifically, she shared the following recommendations:

- Designate regulatory roles.
- Clarify safety and liability requirements.
- Ensure interoperability between states.
- Align AV regulations with local greenhouse-gas (GHG) reduction goals.
- Incentivize AV businesses to operate in a shared fleet.
- Require data reporting.

Adam Shell noted that Iowa had recently convened an internal working group, and he would like to connect with Kelly to provide some updates on their input. Kelly noted that one outcome of this research has been helping the individuals in states that are working on AV to establish connections with each other.

There was a question about whether the research differentiated between states in testing phases and deployment phases? Kelly clarified that if the question is referring to the pilot phases, the research included those that were testing.

There was a question about whether the paper explains how the Policy Recommendations were arrived at? Kelly clarified that yes, this explanation is in the paper and many of the policy recommendations were based on earlier research.

PLR Working Group Work Plan

Dean Deeter updated members on the history of this working group going back to May 2018 when the first work plan was created. Dean noted that the co-chairs of this working group are interested in hearing from members on the topics and areas of interest they are interested in pursuing as a working group. In the next week or so, there is a plan for Pat Zelinski to send a survey to members to understand their preferences. Dean asked members for their input on the survey questions:

- There was a suggestion that a topic to include in the survey might be "funding – what now?".

Tom Kern provided a recap of the IOO/OEM Forum and described how the activities and products of the IOO/OEM Forum will link with this working group.

Tom highlighted how the PLR WG will interact with two IOO/OEM Forum products:
- #7: Connected Intersections Operations Approach; and
- #15: Increased IOO understanding and awareness of TOSCo and Connected Automation.

Tom highlighted a slide showing the Work Plan for the PLR Working Group and noted there are placeholders for the topics that surface through the survey to be conducted in coming weeks.

Member Updates

Pete Calcaterra from Connecticut DOT commented that he felt the UC Davis presentation was great. He noted that six New England states are going to be publishing an RFP to do research for the six states on AV policy.   He will make this group aware when the RFP is posted.

AASHTO –

Pat Zelinski updated members that the pandemic is a current topic within AASHTO, with anticipated revenue decreases for State DOTs. Pat noted there are reports from State DOTs that traffic volumes are down, speeds are up, and as a result a higher percentage of the crashes are serious.

ITS America –

Carlos Alban updated from ITS America from the policy team. The current focus is on analysis of the recently introduced Invest in America Act, as well as the 5.9 GHz discussions. Finally, ITS America has been holding some policy level calls on a series of COVID-19 activities.

ITE –

No update this webinar.

Update on the Status of the 5.9 GHz Spectrum

Pat Zelinski noted that on March 30th, FCC granted wireless internet service providers access to the 5.9 GHz band.

Pat noted that a letter was submitted on April 23 by the Alliance for Automotive Innovation. AASHTO also issued a letter of support for the Alliance's letter.

Meeting Close and Next Meeting

Pat recapped plans for the next webinar. The next webinar of the PLR Working Group will be **August 3, 2020 (1:00-2:30 PM ET).**

Policy, Legislative, and Regulatory WG February 13, 2020 Webinar Participants

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