



MAASTO CAV Subcommittee Kick-Off Meeting

Thursday, June 4th from 10:30am-12:00 pm CST
Meeting Summary

1. Welcome and introductions

Members will introduce themselves, their role, and share why the new MAASTO CAV Subcommittee is important to their work.

This was the first meeting of the newly formed MAASTO CAV subcommittee. Each state representative introduced themselves, their role, and why the MAASTO CAV Subcommittee is important to their work. The following themes came from the discussion:

- Partner and advance CAV
- Share information and best practices
- Coordinated policy and projects with neighboring states and best practices
- Establish Midwest as a strong national leader with a unified, complimentary vision
- Ensure we learn from one another
- Understand how organizations are aligned and look at advantages of centralizing CAV work
- Find funding opportunities, particularly with new budget constraints, and collaborate on projects
- Policy and rulemaking to avoid a patchwork of different policies

Meeting Attendees:

Serge Phillips (MN), Kristin White (MN), Brad Basten (WI), June Coleman (WI), Don Gutkowski (WI), Elise Feldpausch (MI), Nicholas Hegemier (OH), Jason Siwula (KY), Shawn Wilcockson, (IL), Jim Sturdevant (IN), Joel Kelley (KS), Josh Reed (WI), Mike Floberg (KS), Luke Reed (MO), Adam Shell (IA)

2. Background

A brief background on the 2019 MAASTO CAV Summit and 2020 MAASTO Board and STIC updates will be shared.

The subcommittee was provided some background of the impetus for the group, which occurred following the 2019 MAASTO CAV Summit. There was strong desire to create a group to coordinate and align CAV activities amongst the MAASTO member states.

Given a few members of the CAV subcommittee are members of the Strategic Transportation Issues Committee (STIC), there was some brief discussion and updates for the subcommittee's awareness. Highlights from this discussion include:

- All MAASTO committees and subcommittees derive their work and priorities from the MAASTO Board of Directors (BOD). This subcommittee reports up to the STIC Committee, which reports up to the BOD.
- At the next Board Meeting, the CAV subcommittee will be introduced to update and inform the BOD.
- The STIC will help foster the relationship of the CAV subcommittee with the BOD and will be the conduit to support various efforts of the CAV subcommittee
- The MAASTO website (<http://www.maasto.net/>) provides useful information summarizing the various committees and members –subcommittee members were encouraged to visit and review the website – the website can be used by the CAV subcommittee as materials are developed
- CAV Subcommittee members that participated with this virtual meeting that are also STIC members included: Joel Skelley (KS), Josh Reed (WI), and Serge Phillips (MN) – they can be contacted with any questions related to the STIC
- The STIC members work with other MAASTO committees and coordinate between planning, chief engineers, chief counsel, and others
- CAV subcommittee members were encouraged to inform their respective STIC agency contacts of this group and what we're doing
- The question was asked if other AASHTO regions have similar CAV committee or subcommittee – it was identified the WASHTO region has CAV efforts going on as well and related efforts such as the I-95 Corridor Coalition (<https://i95coalition.org/>) could be considered to learn more of their work
- The CAV subcommittee was setup accordingly to avoid changes to the existing MAASTO bylaws - long term, the plan is to create the CAV subcommittee as a committee

3. Charter and Work Plan Discussion

Based off the 2019 CAV Summit, a draft charter and work plan was developed. Members will walk through the document and submit comments and revisions. Goal is to define 3 top priorities to work on as a committee over the next year.

Highlights from the discussion:

Mission and Vision

- There was some brief discussion and ideas on this by various subcommittee members including:
 - Elements could be borrowed from what other states have developed
 - Recommendations to tie the vision and mission to ensure education, equity, regional collaboration and willingness to include university and private industry to achieve the final goals

Roles

- While the co-chair positions have been identified (Kristin White – MN and Elise Feldpausch – MI), the role of secretary hadn't been identified. In an open request for this position to be filled, Adam Shell (IA) graciously offered to fill this role for the subcommittee.

- It was noted this group does abide by [Chatham House Rules](#) when discussing various matters, especially those involving sensitive matters

Strategic Priorities

- Given there are many items to tackle, it was recommended to prioritize the subcommittees work by identifying three top goals
- The subcommittee should aim to understand the CAV-related business needs required to advance these goals - if freight industry doesn't want to advance platooning, then the subcommittee needs to work with industry to know what we can do
- CAV testing policies within states that would impact the region
- Review where the gaps exist with other groups (such as the [CAT Coalition](#)) to ensure we're not missing anything and focus the subcommittee's work accordingly so as to avoid duplication of efforts
- Need to also consider things that might be unique to the MAASTO region - such as interoperability
- Recommendation to structure the work plan priorities into two areas: (1) MAASTO topics: What MAASTO can change; (2) Best Practices: issues that exist within each state that can be information sharing
- A request was made for volunteers to support the review of this document - the following individuals agreed to participate: Elise Feldpausch (MI), Adam Shell (IA), Jason Siwula (KY), Brad Basten (WI), Mike Floberg (KS), and Kristin White (MN)
- Recommendation as the CAV subcommittee develops specific project topics, the MAASTO states have the ability to deploy those outcomes, we need to consider aligning these efforts with other MAASTO committees and possibly taking advantage of federal grant opportunities

4. Fall e-Summit Discussion

Members will discuss the draft goals of an October 22-23 online summit, including speakers and agenda topics. Members will review the draft agenda and make changes.

Highlights from the discussion:

- There was agreement in hearing from national perspectives and other states on CAV and related emerging technology or policy efforts
- A request was made to add another panel discussion because it's both informative and helps people get creative during breakout discussions
- It was stated ten minutes is not enough time for each state to discuss their own work – it was questioned if the summit should be extended longer each day
- It was recommended to focus the discussion by sending out a pre-survey to determine priorities and develop a possible pilot opportunity to make us more interoperable or collaborative (such as 6-inch pavement markings) – the CAV subcommittee could develop common themes that could potentially pilot and then use the time at the summit to focus the discussion
- A request was made for volunteers to support development of a survey – the following people agreed to support this Elise Feldpausch (MI), Don Gutkowski (WI)

- A comment was made that the agenda content is very valuable, especially the chance to learn about the national research we may not be aware of is happening which in turn helps MAASTO coordinate with national efforts
- There was discussion on the desire to send out a calendar hold for the summit in late October

5. Memorandum of Understanding Discussion

Chairs will discuss background on the MOU and the goals of sharing information. Members will share any questions about the document and share it with their respective organizations for comment.

Highlights from the discussion:

- A recap and background of this effort – as it relates to the initial MAASTO CAV Summit held in October 2019, was provided for the subcommittees benefit
- It was questioned if the group needed to identify funding or support
 - In response, this was learned from discussions with other agency partners and project initiatives that their respective management were concerned agreeing to participate with something could lead to setting them up to have to support it with funding
 - This was echoed by another subcommittee member indicating that is often the first question by management if funding is required beyond staff time
- Some recommendations were made regarding financial support including:
 - Is it necessary to make the statement that “no statement of funds will be transferred”?
 - Include text in the MOU if states desire to support the subcommittee and its efforts financially, they can do so – the MOU doesn’t prevent us from making financial commitments in the future and allows for discussions to consider pursuing pooled fund or cooperative partnerships as needed
 - Project agreements should have funding tied to them and not any specific MAASTO committee or subcommittee
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- There was consensus that the time is right for an MOU and MAASTO leaders will or can sign an MOU in the short-term
- It was noted there is an expectation from MAASTO leadership there will be some form of an MOU
- There is a lot of development occurring (such as research grants and legislation) that can benefit from having this on the record and it will be helpful by including a collaborative statement that the effort is supported by the regional members

6. Round Robin (10 minutes)

Members will share hot topics and updates from their organizations.

Highlights from each state:

- Kentucky: the CAV Strategy internal stakeholder group is near completion. A review of the state’s challenges was conducted and how CAV can help. How can CAV advance economic opportunity and quality of life? The KYTC is also working on a CV demonstration grant, conducting an acceptance study they can be shared and has provided comments to the FCC rulemaking notice.

- Kansas: starting to develop an action plan for connected and automated vehicles. They are planning a wind warning and IoT pilot projects along I-70. They also have a program for innovative technologies that will include CAV, UAS...etc.
- Iowa: The Iowa Advisory Council on Automated Transportation (<https://iowadrivingav.org/>) wrapped up the Vision document in March 2020. The Council is now developing work plans to determine how to implement the various tactics identified in the Vision. DOT internal working group addressed recent bills that authorize platooning and AVs. A white paper was developed that provided recommendations for possible rulemaking, legislative considerations, and agency actions to consider.
- Wisconsin: Broadly working on asset management efforts and how to deal with funding challenges and a stimulus package. Also focused on work zone technologies (such as connected devices and geo-gridding). Piloting these technologies with counties to see how it supports the move over law, transmitting data thru Waze. How do we get real-time data (e.g. lane closures) to bordering states?
- Michigan: Re-developing strategic plan similar to Minnesota's CAV Strategic Plan. Will be out November 2020. Funding uncertainty may limit ability to invest in innovation technologies.
- Ohio: completing the Statewide System Engineering Architecture (SEA) for CV/AV, including system and software requirements, concept of operations, program plan, and a public private partnership plan. Ohio has also started an AV Pooled Fund - FHWA Solicitation 1514. They also have several projects underway (US-33 Smart Mobility Corridor, Automated Driving System Grant with a rural roadway focus, I-90 Lake Effect Corridor Phase 2 with a planned C-V2X deployment).

Next Steps

1. Clarification and info on what other MAASTO committees are doing and how they function
2. Synthesize vision, mission comments
3. Stand-up a working group to further develop the charter and workplan
4. Send out a survey to the subcommittee to poll on what the summit discussion should look like
5. Send out fall eSummit calendar hold
6. Request for input on upcoming meeting agendas
7. Request for any agency to support hosting a virtual meeting via Teams, Zoom...etc.

Next meeting is August 3rd from 1-2:30 pm CST via Microsoft Teams