

TRANSPORTATION & PUBLIC WORKS COMMITTEE

June 14, 2021

9:30 A.M.

Online Meeting

MINUTES

Mr. Chris Letnaunchyn, chair, opened the meeting. After introductions, attendees remembered Mark Harris and his many contributions to the committee and the region.

1. COMMENTS ON MINUTES FROM MARCH 8, 2021, MEETING

There were no comments on the minutes.

2. OVERVIEW OF MDOT SHA TECHNOLOGY CORRIDOR PROJECTS: US1/I-95/MD175

Ms. Eileen Singleton presented an overview of the MDOT SHA connected vehicle projects on the US1/I-95/MD175 corridor. There are two projects currently being developed that involve sending messages:

- traffic signal data to approaching vehicles with associated lane / approach information (Signal Phase and Timing - SPaT)
- Origin-Destination messaging during incident conditions (or other major events)

The units sending the messages are compatible with DSRC and CV2X. MDOT SHA will install on-board units (OBUs) on some of its vehicles; any vehicle with an OBU will receive the messages.

The deployment locations for the SPaT project are noted below:

workshops will be June 15th and 16th, and she will resend registration details to the T&PW Committee.

If jurisdictions have a lead staff person for CAV, they can send the name to Ms. Singleton and she will forward that to MDOT.

Even though most of the work on CAVs is being done by the state and private sector, local jurisdictions should stay aware of this work because it will impact local infrastructure and operations, and it is coming. One way to stay informed is to track related state legislation. Recent state legislation was related to truck platooning and use of personal delivery devices. MDOT MVA is the lead for state CAV work. Mr. Dan Janousek noted that local jurisdictions likely review proposed legislation; Ms. Singleton added that T&PW Committee members may want to identify who that person is in their jurisdiction.

So far in Maryland, vehicles are not allowed to operate on our roads without an operator.

A summary of actions in Maryland on Connected and Automated Vehicles is available [here](#).

[Handout: Notes for Agenda Items 4 – 8]

3. UPDATE: CLIMATE CHANGE RESOURCE GUIDE

Ms. Singleton provided this update. There will be four Steering Committee meetings throughout the project. The third Steering Committee meeting is scheduled for July 22nd. This will be a full meeting with reviewing three draft white papers:

- Task 3: Documenting the changing climate
- Task 4: Documenting direct and indirect changes, includes agency interviews
- Task 5: Summarize Regulations and Relevant Supports for DPW/DOTs

Ms. Singleton stressed that it is important to receive feedback and comments from the Steering Committee members so the end product is a useful resource for the region.

[Handout: Notes for Agenda Items 4 – 8]

4. GROUP DISCUSSION

Recent weather events:

- Two jurisdictions recently experienced microburst rain events - short duration, high intensity, very localized impact:
 - Baltimore City saw 2 inches of rain in 45 minutes in the northeast part of the City
 - Harford County saw 5 inches of rain in 2 hours in a small area of the county.

- It would be beneficial to have more rain gages installed to better document microburst events.
- When areas flood that are not part of the regulated floodplains, it can be difficult to get reimbursed from FEMA for damages.
 - Jurisdictions should track the locations and instances of roadway flooding to help support requests for reimbursement.
 - Baltimore City has used calls to 311 to track flooding, but this is not always reliable.
 - Baltimore City also tries to track how quickly flood waters recede.
- The new Maryland Coast Smart Climate Ready Action Boundaries are being developed to update coastal flooding boundaries but it does not address inland flooding. The [MDOT SHA Climate Change Vulnerability application](#) can help agencies visualize potential impacts of climate change and sea level rise on infrastructure. This tool has been presented to the committee previously.
- A question in the chat asked about how to redesign inlets, rather than just making them wider, for better interception for intense storms. There was a reply that curved vane grates work well.

[Handout: Notes for Agenda Items 4 – 8]

5. COMMITTEE UPDATES

T&PW Projects

- Ms. Singleton will send out the SOP for the evacuation support trailer this month.

Disaster Debris Planning Task Force

- At its June 16th meeting, the Task Force will have a presentation from FEMA Region 3 on its debris modeling software.

UAWG/UASI

- Ms. Jeramie Calandro said that the Urban Area Work Group will be having a general meeting on June 17. Committees, including T&PW, will be providing brief updates.
- Ms. Calandro also discussed the process for developing the UASI grant application and ideas for improving the project selection process. She noted that it would be beneficial to include an opportunity for the UAWG directors to ask committees questions about their projects before the project selection meeting. One way to allow for this might be to start the project development process earlier, perhaps January. Also, projects may be asked to present their projects to the directors. Ms. Singleton added that it would be helpful for T&PW Committee members to meet with their UAWG director to discuss the project and answer their questions.

[Handout: Notes for Agenda Items 4 – 8]

6. OTHER BUSINESS

Upcoming Events:

- Carroll County will be holding its July 4th fireworks and other events are starting to be scheduled in the county.
- MDOT MDTA will be hosting the Bay Bridge Run on October 31st. The eastbound lanes of the bridge will be shut down for the event.

2021 Meetings – September 13 (virtual), December 13

ATTENDEES

Members

Azzam Ahmad, Baltimore City Dept. of Public Works
Bethany Brown, Maryland Dept. of Human Services
Joe Davis, MDOT Maryland Transit Administration
John Dulina, Maryland Emergency Management Agency
Kimberly Grove, Baltimore City Dept. of Public Works
Ann Haskins-Brookover, Baltimore City Dept. of Public Works
Dan Janousek, Maryland Dept. of Transportation
Bill Johnson, MDOT State Highway Administration, OOM
Shelley Kellam, MDOT Maryland Transportation Authority
Chris Letnaunchyn, Carroll Co Dept. of Public Works, Bureau of Engr.
Keith Link, Baltimore Co Dept. of Public Works
Kristofer Singleton, Howard Co Dept. of Public Works, Transp & Special Projects
Kristen Skogsberg, Maryland Dept. of Transportation
Steve Walsh, Harford Co Dept. of Public Works, Deputy Director
Ron Westervelt, MDOT Maryland Transportation Authority

Staff and Guests

Jeramie Calandro, Baltimore Metropolitan Council
Blake Fisher, Baltimore Metropolitan Council
Victor Henry, Baltimore Metropolitan Council
Dennia Palmer, Baltimore Metropolitan Council
Eileen Singleton, Baltimore Metropolitan Council