



Transportation & Public Works Committee

Notes for Agenda Items

December 12, 2022



AGENDA

1. **WELCOME AND INTRODUCTIONS** (5 min.)
2. **COMMENTS ON NOTES FROM JUNE 13, 2022, MEETING** (5 min.)
3. **PAVEMENT CONDITION DATA COLLECTION** (10 min.)
The group will discuss the pavement management programs for their jurisdiction, identifying what software is used (if any) and if they have LiDAR equipment or are interested in using LiDAR.
4. **UPDATE ON CRRs FOR WATER FACILITIES** (15 min.)
Mr. Jason Schaum will provide an update on the water facility cyber resilience reviews.
5. **CLIMATE PLANNING TOOLS** (15 min.)
The Mid-Atlantic Regional Integrated Sciences and Assessments (MARISA) recently released Climate and Hazard Mitigation Planning ([CHaMP](#)) tool. It is similar to the NOAA tool [Climate Mapping for Resilience and Adaptation](#). The group will view both.
6. **BMC PROJECT UPDATES** (10 min.)
 - Enhancing Climate Resilience and Interjurisdictional Coordination Project
 - Explore Connected and Automated Vehicle Integration for Local Governments
7. **GROUP DISCUSSION** (15 min.)
Open discussion about any items of interest to the group.
8. **COMMITTEE UPDATES** (15 min.)
 - T&PW Projects
 - Disaster Debris Planning Task Force
 - RCPGP Evacuation Project
9. **OTHER BUSINESS** (5 min.)

3. PAVEMENT CONDITION DATA COLLECTION

- The group will discuss the pavement management programs for their jurisdiction.
 - what software is used (if any)
 - do you have LiDAR equipment or are interested in using LiDAR

4. UPDATE ON CRRs FOR WATER FACILITIES

- **Update from Jason Schaum, US DHS Cybersecurity and Infrastructure Security Agency (CISA) on Cyber Resilience Reviews:**
 - Status of CRRs
 - Completed: Howard and Anne Arundel counties
 - In process: Baltimore City
 - Others: If interested, contact Jason to set up a scoping call
 - He will provide common findings at the March 13, 2023 meeting

5. CLIMATE PLANNING TOOLS

- **Mid-Atlantic Regional Integrated Sciences and Assessments (MARISA)**
 - Climate and Hazard Mitigation Planning ([CHaMP](https://champ.rcc-acis.org/)) tool
 - <https://champ.rcc-acis.org/>
- **NOAA**
 - [Climate Mapping for Resilience and Adaptation](https://resilience.climate.gov/#assessment-tool)
 - <https://resilience.climate.gov/#assessment-tool>

6. ENHANCING CLIMATE RESILIENCE AND INTERJURISDICTIONAL COORDINATION PROJECT

1. Develop checklists to operationalize the *Climate Change Resource Guide* for three of the six DPW/DOT service areas referenced in the Guide (Transportation, Stormwater, and Water). (Note: the service areas included in this project are limited to three to ensure the project budget is sufficient to develop customized and useful products; Proposers can propose including up to three more service areas, if desired.)
2. Develop recommendations for instituting ongoing interjurisdictional coordination on adaptation strategies being discussed, selected, funded, and implemented by the region's public works and transportation departments.



6. ENHANCING CLIMATE RESILIENCE AND INTERJURISDICTIONAL COORDINATION PROJECT

- Will send out draft documents for Tasks 4 and 5 this week, comments due early January.

	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.
Task 1: Project Initiation and Project Management										
Task 2: Steering Committee Meeting Support			30			15				
Task 3: Workshop Preparation and Support										
<i>Task 3.1: Transportation Service Area Workshop</i>				20						
<i>Task 3.2: Stormwater Service Area Workshop</i>							17			
<i>Task 3.3: Water Service Area Workshop</i>							31			
Task 4: Develop Checklists to Operationalize the Climate Change Resource Guide										
Task 5: Recommendations for Instituting Ongoing Interjurisdictional Coordination										

6. EXPLORE CONNECTED AND AUTOMATED VEHICLE INTEGRATION FOR LOCAL GOVERNMENTS

As use of Connected and Automated Vehicles (CAV) increases, it will be critical for **local jurisdictions to understand how CAVs might impact** the region's transportation infrastructure, to **plan for these impacts** (both positive and negative), and to work towards having **CAVs support local goals**, particularly related to equity, safety, environmental stewardship, and reliability.

There has been much consideration of CAVs at the national and state levels. This project will begin with this existing work as a foundation and **develop recommendations specific to the region and its jurisdictions**. The recommendations will consider short- and long-term actions to **prepare and plan for CAVs** as well as **impacts on operations and maintenance**. There are various ways CAVs will impact our region, and the impacts of connected vehicles and those of automated vehicles will likely be different.

6. EXPLORE CONNECTED AND AUTOMATED VEHICLE INTEGRATION FOR LOCAL GOVERNMENTS

- Work to be done by Kittelson and Public Engagement Associates
- Schedule: September 2022 – July 2023



Task 1: Project Initiation and Project Management

Task 2: Steering Committee Meeting Support

Task 3: Review of Relevant CAV Work at the National, State, Regional, and Local Levels

Task 4: Develop Customized CAV Recommendations for the Region and Local Jurisdictions

Task 4.1 Meetings with Local, Regional, and State Stakeholders and Industry Partners

Task 4.2 Draft White Paper of Customized CAV Recommendations for the Region and Local Jurisdictions

Task 4.3 Final White Paper of Customized CAV Recommendations for the Region and Local Jurisdictions

Task 5: White Paper User Guide

Task 6: Executive Summary

6. EXPLORE CONNECTED AND AUTOMATED VEHICLE INTEGRATION FOR LOCAL GOVERNMENTS

- **Project Steering Committee**

- **Kwaku Agyemang-Duah**, City of Annapolis Department of Transportation
- **Battalion Chief Chris Schaetzly**, Anne Arundel County Fire Department/Co-Chair MDOT CAV Emergency Responder Sub Group
- **Brian Ulrich**, Anne Arundel County Office of Transportation
- **Meg Young**, Baltimore City Department of Transportation
- **Kristoffer Nebre**, Baltimore County Department of Public Works & Transportation
- **Don Halligan**, Baltimore Metropolitan Council
- **Eileen Singleton**, Baltimore Metropolitan Council
- **Lynda Eisenberg**, Carroll County Department of Planning
- **David Cookson**, Howard County Office of Transportation
- **Bong Delrosario**, Maryland Department of Disabilities
- **Dan Janousek**, Maryland Department of Transportation
- **Roxane Mukai**, Maryland Transportation Authority
- **Parto Mazdeyasni**, MDOT Maryland Port Administration
- **Jake Dunkle**, MDOT Maryland Transit Administration
- **Carole Delion**, MDOT State Highway Administration - OTMO
- **Nanette Schieke**, MDOT Motor Vehicle Administration
- **Steve Cohoon**, Queen Anne's County Department of Public Works

7. GROUP DISCUSSION

- **Pandemic operations**
- **Winter season preparations**
- **Upcoming Events**
- **Other**

8. COMMITTEE UPDATES

- **T&PW Projects**
- **Disaster Debris Planning Task Force**
 - Still investigating if/how local jurisdictions can use state contracts
 - 12/14/22 Presentation by FEMA Staff on Debris Operations in Florida after Hurricane Ian
- **RCPGP Evacuation project – proposal funded**

9. OTHER BUSINESS

- **PROTECT Program**
 - Resilience Improvement Plan for Baltimore Region
- **2023 T&PW meetings: March 13, June 12, September 11, December 11**
- **Interest in meeting in person**