

## **TRANSPORTATION & PUBLIC WORKS COMMITTEE**

June 13, 2022  
9:30 A.M.  
Online Meeting

### **MINUTES**

#### **1. WELCOME AND INTRODUCTIONS**

Ms. Eileen Singleton opened the meeting; attendees introduced themselves.

#### **2. COMMENTS ON NOTES FROM MARCH 14, 2022, MEETING**

There were no comments on the minutes.

#### **3. UASI PROJECT PROPOSAL**

Ms. Singleton provided an update on the proposed UASI project Enhancing Cybersecurity of Water Treatment and Distribution Systems. Fiscal Year 2022 UASI funds to the region are reduced from previous years and the recently started cyber resilience reviews will provide more details on the cybersecurity needs of our water systems. So the decision was made to submit the project next year when more details about cybersecurity needs are known.

***[Handout: Transportation & Public Works Committee Notes for Agenda Items]***

#### **4. UPDATE ON CISA CYBER RESILIENCE REVIEW OF LOCAL WATER SYSTEMS**

Mr. Jason Schaum provided an update on the cyber resilience reviews being conducted on regional water facilities. Mr. Schaum works for the Cybersecurity and Infrastructure Security Agency (CISA) of US DHS.

CISA offers various assessments for state and local organizations; there is no charge to have CISA perform the assessments. The Cyber Resilience Review (CRR) is one of the cybersecurity assessments offered. The CRR focuses on strategic level plans and processes, for example if the system was hit with a major cyber-attack. The water CRR focuses on the ability of delivering clean drinking water to customers if hit with a major cyber-attack. The CRR looks at

resilience and redundancy in an organization. The CRR timeframe is strategic and provides objectives for about three years.

The CRR is a full one day assessment that includes 299 questions. The CRRs have been in use for about 10 years. The questions are available on the CISA web page. Additional Documentation and Information on the CRR and other CISA Assessments can be found and downloaded here: <https://www.cisa.gov/cyber-resource-hub>

The CRR covers 10 domains:

- Asset management
- Controls management
- Configuration and change management
- Vulnerability management
- Incident management
- Service continuity management
- Risk management
- External dependencies management
- Training and awareness
- Situational awareness

All of the information that is collected is protected under the Protected Critical Infrastructure Information Program, and the federal government cannot share the collected information in any other forum such as freedom of information act request or other.

The CRR is scoped to a critical service; in our case, assessing the water facility's ability to provide clean water to the community or for wastewater plans, the ability of the plant to treat wastewater. This is used to define the critical service being reviewed.

The scope of the critical service considers people, information, technology, and facilities to determine what would be in scope and out of scope for the CRR.

The first step of the CRR is a one-hour scoping call, followed by a one day site visit to perform the CRR, going over all 299 questions. About one week later, agencies receive the CRR report. Each CRR report includes:

- Comparison data with other CRR participants
- Summary snapshot
- Domain performance of existing cybersecurity

The CRR report can be used as input in grant proposals. The CRR also includes a NIST Cybersecurity framework summary.

Overview of CRR results includes options for consideration and references, and can help prioritize tasks.

The CRR for Baltimore region water facilities has started. There will not be a CRR for Baltimore County because it relies on Baltimore City facilities. The CRR is voluntary and CISA can only initiate one at the request of an agency. Once the CRRs are completed, CISA can provide a comparison of findings and common gaps. This information can then be used to develop a more detailed project proposal for next year.

Question: Could an agency request that CISA do multiple cybersecurity assessments (refer to slide 2)?

Answer: Mr. Schaum said that assessments are based on CISA's availability. CISA typically recommends all organizations sign up for vulnerability scanning/hygiene assessment, which is a remote subscription assessment. CISA also recommends organizations conduct one of the strategic assessments. The Remote Penetration Test takes one to two weeks and are being scheduled 6 to 12 months out.

The Phishing Campaign Assessment is rolling out to be subscription assessment also. The Vulnerability Scanning and Phishing Campaign Assessment are scoped to a network, not as narrow as the CRR, which is scoped to a critical service.

Cybersecurity Assessments are available to state agencies also but would need to coordinate with Maryland Department of IT.

For any of the technical services mentioned, organizations can get started by emailing [vulnerability@cisa.dhs.gov](mailto:vulnerability@cisa.dhs.gov) with the subject line "Requesting Cyber Hygiene Services" and copy Mr. Schaum ([jason.schaum@cisa.dhs.gov](mailto:jason.schaum@cisa.dhs.gov)).

***[Handout: Cyber Resilience Review Overview, Report Details & Assessments for: Baltimore Area Water Facilities]***

## **5. REGIONAL EVACUATION COORDINATION**

A group was recently initiated to discuss regional evacuation coordination. The request came from Katie Weber from Anne Arundel County Office of Emergency Management who is starting to work on updating the county evacuation plan.

There is interest by jurisdictions that have not been included in these ad hoc discussions to have a representative on the group. There was a suggestion to contact MWCOG to coordinate

with their evacuation efforts also. There was also a suggestion to invite the MDEM evacuation contacts to the T&PW Committee.

Ms. Singleton will work with Ms. Jeramie Calandro to make sure any additional stakeholders are included in the ad hoc evacuation group.

***[Handout: Transportation & Public Works Committee Notes for Agenda Items]***

## **6. CLIMATE RESILIENCE PROJECT UPDATES**

Ms. Singleton noted that the *Climate Change Resource Guide* is available and a follow up project has been scoped out to operationalize the Guide for the service areas of transportation, water, and stormwater. The follow up project also includes a component to enhance interjurisdictional coordination on resilience.

Ms. Kim Grove mentioned that Baltimore County's new Climate Action Plan includes how riverine flooding impacts access to hospitals in the county. This is an example of how a wider view of interjurisdictional coordination can be considered and of the need to look beyond jurisdictional borders.

The new follow up project, Enhanced Climate Resilience and Interjurisdictional Coordination, has recently started. A project steering committee has been identified.

Ms. Grove noted that there is a new tool being created by the Mid-Atlantic Regional Integrated Sciences and Assessments (MARISA) and other organizations called Climate and Hazard Mitigation Planning (CHaMP) which will be released this fall by; she will help schedule a presentation on this tool when it is available.

***[Handout: Transportation & Public Works Committee, Notes for Agenda Items]***

## **7. GROUP DISCUSSION**

Mr. Kris Singleton reported that Howard County has adopted its Complete Streets Policy which also included an update of its Design Manual and a soon to be updated Subdivision Regulations to better accommodate bicycles and pedestrians needs and multimodal operations. One of the items in this work is the requirement to develop a transportation improvement priority system. Mr. Singleton asked how other jurisdictions prioritize these types of projects. One of the jurisdictions noted that there is no funding for new projects, any new projects would come from the planning department. Anne Arundel County planning staff can provide more details for their approach to this; Ms. Singleton will provide the contact to Mr. Singleton.

***[Handout: Transportation & Public Works Committee, Notes for Agenda Items]***

## **8. COMMITTEE UPDATES**

**Disaster Debris Planning Task Force:** At the June 15<sup>th</sup> meeting, the group will get an update on how the new FEMA Region 3 debris concept of operations has incorporated equity. Ms. Singleton added that the Task Force is still investigating if/how local jurisdictions can use state contracts, and discussions with FEMA Region 3 are continuing.

***[Handout: Transportation & Public Works Committee, Notes for Agenda Items]***

## **9. OTHER BUSINESS**

**US DOT PROTECT Program:** Ms. Singleton reminded the group about the discussion at the last meeting about the federal PROTECT Program and asked if the region should consider preparing a proposal when the details are released. Ms. Grove suggested if we move forward with developing a proposal to look at requirements from other programs, such as the Community Rating System that is used to incentivize communities to exceed minimum requirement of the National Flood Insurance Program, to see how a Regional Resilience Plan can support the CRS. Federal agencies are supportive of communities/regions having plans that show the need for further improvements.

Anne Arundel County is looking at federal programs and has identified PROTECT and BRIC as two potential programs to pursue. Mr. Dan Nees has been appointed the new Resilience Authority director; the Authority is being stood up by Anne Arundel County and Annapolis. The Navy is also doing resilience work and should be included in regional work to ensure coordination. Anne Arundel County is also kicking off a sea level rise project with Maryland Environmental Service.

**2022 Meetings** – September 12, December 12

## **ATTENDEES**

### **Members**

Alex Baquie, Anne Arundel Co Dept. of Public Works  
Jason Dicembre, MDOT State Highway Administration, OTMO  
Eric Fogle, MDOT State Highway Administration, OTMO  
Kimberly Grove, Baltimore City Dept. of Public Works  
Chris Letnaunchyn, Carroll Co Dept. of Public Works  
Keith Link, Baltimore Co Dept. of Public Works & Transportation  
J.J. Lynott, MDOT Maryland Transit Administration  
Tim Peck, MDOT State Highway Administration, OTMO  
Mike Sheffer, MDOT State Highway Administration  
Kristofer Singleton, Howard Co Dept. of Public Works  
Ron Westervelt, Maryland Transportation Authority, AOC

### **Staff and Guests**

Jeramie Calandro, Baltimore Metropolitan Council (BMC)  
Dennia Palmer, BMC

Jason Schaum, US DHS Cybersecurity  
Eileen Singleton, BMC