

June 15, 2018

Memorandum #2018-76

TO: Coastal Resiliency Committee

BY: Ben McFarlane, HRPDC Senior Regional Planner

**RE: Meeting of the HRPDC Coastal Resiliency Committee – June 22, 2018
RSVP – June 20, 2018**

The next meeting of the **Coastal Resiliency Committee** will be held on **Friday, June 22, 2018** from **10:00 a.m. until 12:00 p.m.** in the **HRPDC Board Room, The Regional Building, 723 Woodlake Drive, Chesapeake**. The agenda and related materials are attached.

Please RSVP by June 20, 2018 so we may make appropriate logistical arrangements. If you have any questions or need further information, please do not hesitate to contact me.

Attachments

BJM/sl

Coastal Resiliency Committee Voting Members:

Mark Bellamy, YK

Brenda Bailey, HA

Anne Ducey-Ortiz, GL

Fran Geissler, JC

Donald E. Goodwin, FR

Vincent Jones, PO

David Kuzma, IW

Thomas Leahy, VB

Beth Lewis, SH

Eric Martin, CH

Scott Mills, SU

Carolyn Murphy, WM

James Peterson, HA

Rhonda Russell, SY

William Saunders, SM

Mohammad Shar, NN

Scott Smith, NO

Randy Wheeler, PQ

HRPDC Staff

Keith Cannady

Ashley Gordon

Whitney Katchmark

Ben McFarlane

Jill Sunderland

Joe Turner

AGENDA
MEETING OF THE HRPDC COASTAL RESILIENCY COMMITTEE
June 22, 2018
10:00 A.M.

1. Summary of the March 23, 2018 Meeting of the Hampton Roads Coastal Resiliency Committee.

The summary and attendance sheets of the above meeting are attached.

Attachments: 1A – March Coastal Resiliency Meeting Summary
1B – March Coastal Resiliency Attendance

ACTION: Accept the Meeting Summary

2. Public Comments

3. Regional Water Level Sensors and Flooding Alert System

The Chief Administrative Officers subcommittee identified the expansion of the regional water level sensor network as a more practical option than creating a map of streets that typically flood. The installation of new water level sensors would support the StormSense initiative and the development of a regional real-time flooding alert system. HRPDC staff will discuss the attached proposal that includes objectives and next steps.

Attachments: 3A – Proposal for a Regional Water Level Sensor and Alert System

ACTION: Endorse proposal and next steps.

4. Design Storm Standards and Coordination with VDOT

The City of Virginia Beach briefed the committee in March 2018 about their study of changes in precipitation patterns. The city is considering adopting design storm standards that account for increased precipitation and city staff requested that the committee consider endorsing the adoption of the recommended design standard across the region.

VDOT is an important stakeholder in region-wide changes to design standards. Both Virginia Beach and HRPDC have reached out to VDOT to discuss the agency's efforts to adopt policies related to sea level rise and changes in precipitation.

HRPDC staff will provide a status update to the committee based on these discussions and discuss potential next steps, including:

- Establishing a workgroup to develop local ordinance language for new design storm standards.
- Identifying need for state agency adoption or support for new design standards that account for both sea level rise and changes in precipitation patterns.

Attachments: 4A –Dewberry Analysis of Historical and Future Heavy Precipitation

ACTION: Endorse next steps.

5. **Regional Resiliency Action Plan Update**

The Committee previously endorsed a proposal for HRPDC staff to develop a regional resiliency action plan. The first component of this proposed action plan is an update to regional sea level rise scenarios and development of a recommended approach to factoring sea level rise into planning and project design. The HRPDC staff will brief the Committee on the updated scenarios and proposed approach.

Attachments: 5A – Proposed Sea Level Rise Planning Policy and Approach

ACTION: Recommend the Commission endorse the proposed approach to factoring sea level rise into planning and project design.

6. **Tracking Resiliency Projects in Hampton Roads**

The Committee previously endorsed a proposal to track local and regional resilience projects. As part of this initiative, HRPDC staff is requesting information on resilience projects, programs, and policies from each locality. HRPDC staff will brief the Committee on the current data collection template and the development of a regional database.

Attachments: 6A – Template for Tracking Resiliency Projects

ACTION: Provide feedback on data collection methods.

7. **Flood Insurance Outreach**

Following the March 23 meeting of the Coastal Resiliency Committee, HRPDC staff began coordinating with Red Chalk Studios/Cahoon & Cross regarding the development of a regional flood insurance outreach media campaign. The primary goal of the campaign is to encourage Hampton Roads residents to purchase flood insurance. HRPDC staff will brief the Committee on the timeline of the flood insurance campaign and coordination with other entities.

ACTION: None required.

8. First Floor Elevation Data – CZM Grant

In October, the HRPDC received a grant to create a regional dataset of first floor elevations for structures in the floodplain. HRPDC staff will brief the Committee on the progress to date regarding data collection and development of a spatial database.

ACTION: None required.

9. Coastal Resiliency Work Program Update

As part of the June Chief Administrative Officers meeting the HRPDC staff met with several CAOs concerned with resiliency issues. This discussion resulted in several requests for the HRPDC to work on with the Coastal Resiliency Committee the next several months. In addition to continuing with the project tracking effort, new requests include developing a proposal for joint state-local funding of resilience projects and researching the allocation of state funds for hazard mitigation and floodplain management. The HRPDC staff will brief the Committee on these new tasks.

ACTION: None required.

10. Update on Federal and State Efforts Related to Sea Level Rise and Recurrent Flooding

The HRPDC staff will update the Committee on federal and state efforts related to resiliency, sea level rise, and recurrent flooding.

ACTION: None required

11. Updates on PDC and Local Efforts Related to Sea Level Rise and Recurrent Flooding

Members will be given an opportunity to brief the Committee on their respective efforts.

ACTION: None required

12. Other Matters