

# Joint Land Use Study Implementation in Hampton Roads

HRPDC Coastal Resilience Subcommittee  
August 22, 2022

Benjamin J. McFarlane, Senior Regional Planner  
Hampton Roads Planning District Commission



# **South Hampton Roads JLUS Projects**

## **Norfolk-Virginia Beach JLUS - August 2019**

Joint Expeditionary Base Little Creek-Fort Story

Naval Air Station Oceana

Naval Station Norfolk

Naval Support Activity Hampton Roads

## **Portsmouth-Chesapeake JLUS - August 2021**

Norfolk Naval Shipyard

Naval Station Norfolk - Craney Island Fuel Depot

Naval Support Activity Hampton Roads - Naval Medical Center Portsmouth

# Key Issues



Access



Community Assets



Coordination & Communication



Development



Flooding



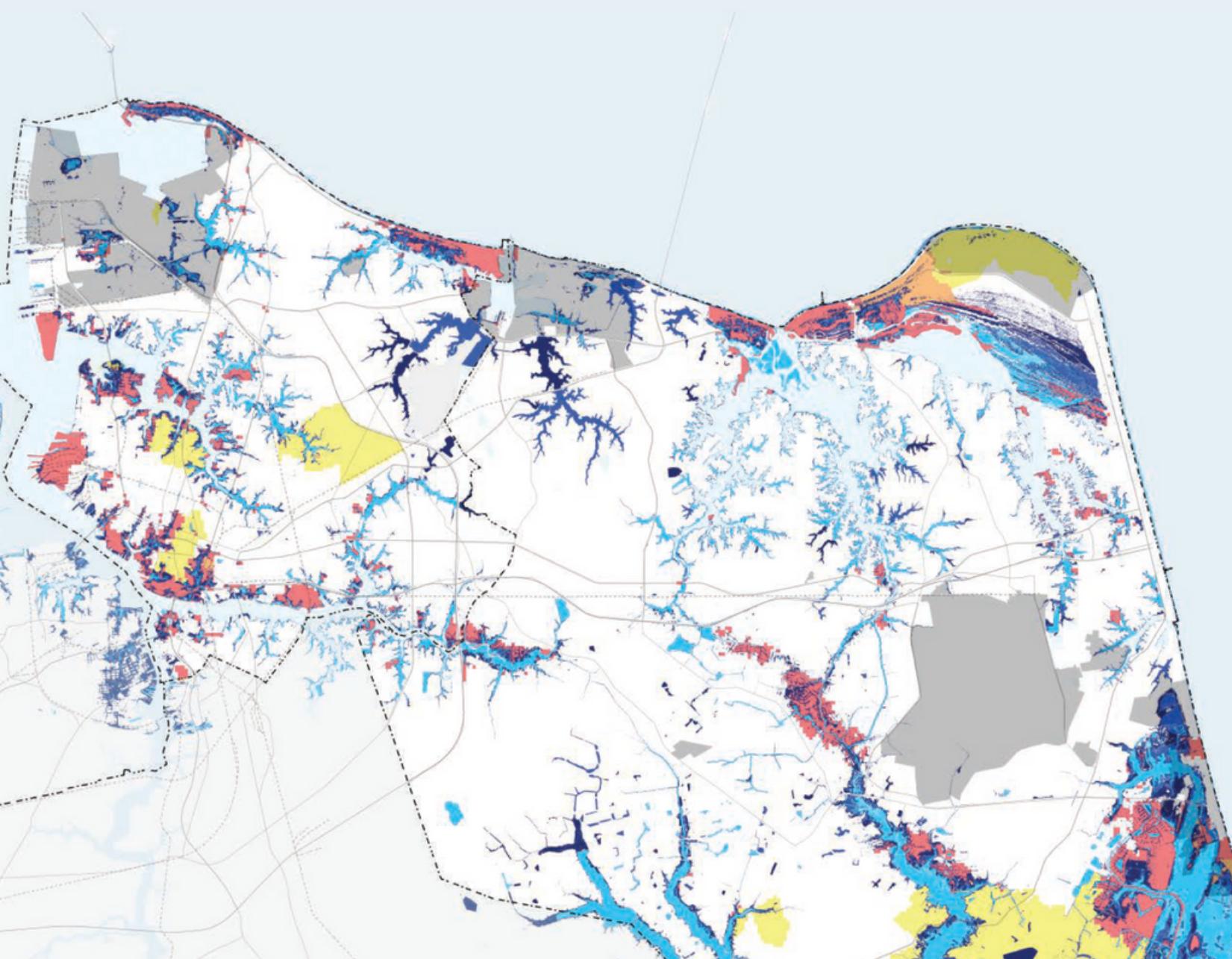
Mobility



Parking

**NORFOLK AND  
VIRGINIA BEACH**

**JOINT LAND  
USE STUDY**



HAMPTON ROADS PLANNING DISTRICT COMMISSION  
AUGUST 2019  
FINAL

# Study Goals

**Reliable and resilient access routes for DoD personnel**

**Adequate and well-maintained stormwater management systems**

**Reliable and resilient utility networks**

**Effective and institutionalized coordination, cooperation, and collaboration at multiple scales**

**A regional prioritization mechanism for resiliency initiatives**

# Study Goals

**Mitigate flooding impacts to the transportation network**

**Strengthen military installation resilience**

**Maintain and expand access to Navy installations**

**Enhance neighborhoods that surround Navy installations**

**Redevelop and reuse land to improve the local economy**

**Adopt policies and regulations to manage growth and prevent conflicts**

**Strengthen relationships between Navy installations and localities**



## PORPSMOUTH & CHESAPEAKE **JOINT LAND USE STUDY**

# From Studies to Results

Local staff implementation committees (Chesapeake, Norfolk, Portsmouth, and Virginia Beach) established with HRPDC support.

Implementation committees will support:

- Maintaining communication between localities and installations
- Implementation of study recommendations through grant applications and other efforts
- Sharing of information between localities

# Implementation Committees

## Chesapeake

Robert Geis, Deputy City Manager

Tim Howlett, Development Services Center

Brian Solis, Deputy City Manager

Lucy Stoll, Planning Department

## Portsmouth

Bob Baldwin, Deputy City Manager

Brian Donahue, Economic Development

Carl Jackson, Planning Department

Brian Swets, Planning Department

James Wright, Director of Engineering

## Norfolk

Patrick Roberts, Deputy City Manager

Matt Simons, Resilience Office

Kyle Spencer, Acting Chief Resilience Officer

John White, Public Works Department

## Virginia Beach

Kaitlen Alcock, Planning Department

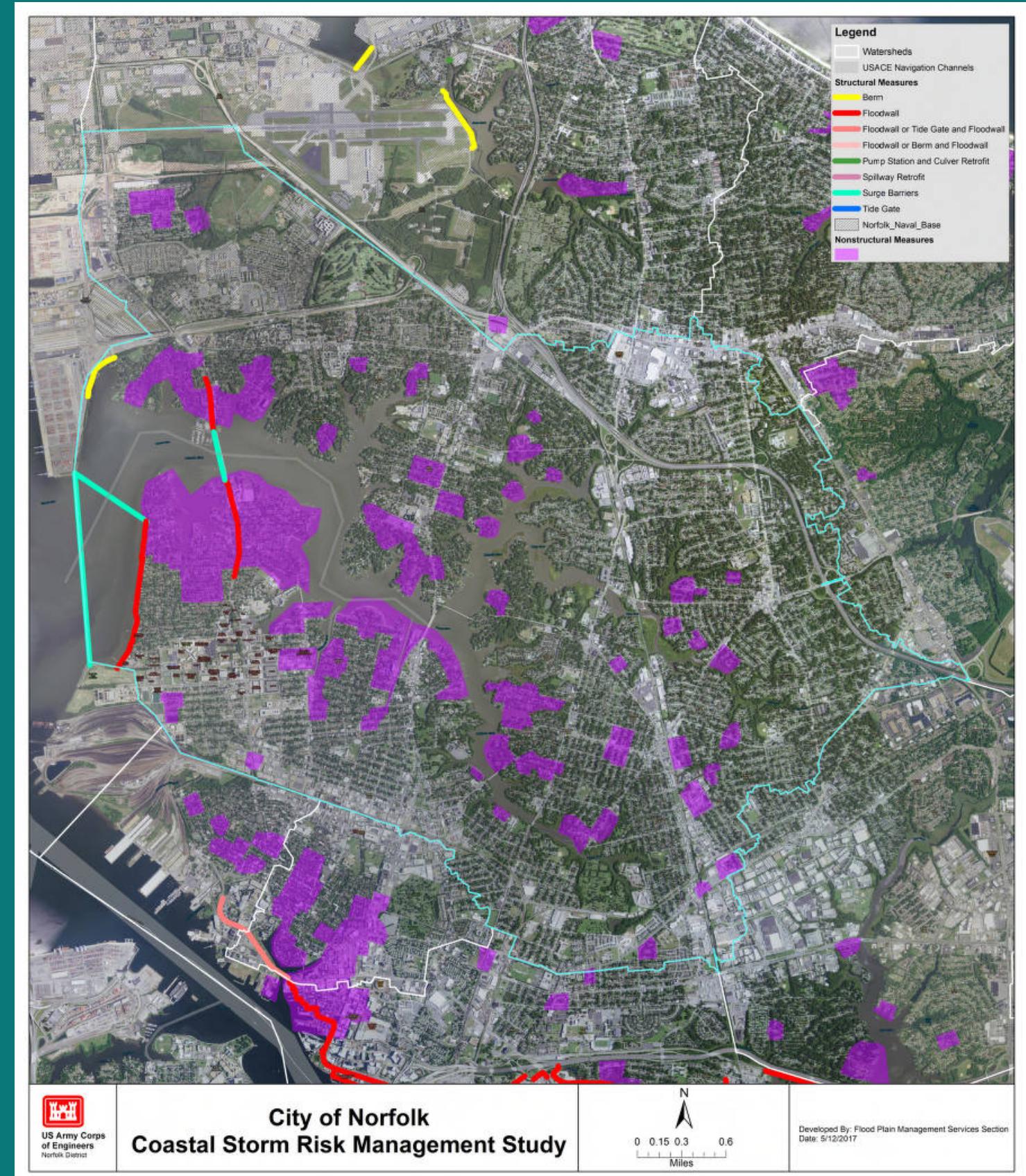
LJ Hansen, Public Works Director

Bobby Tajan, Planning Director

Kathy Warren, Strategic Growth Area Manager

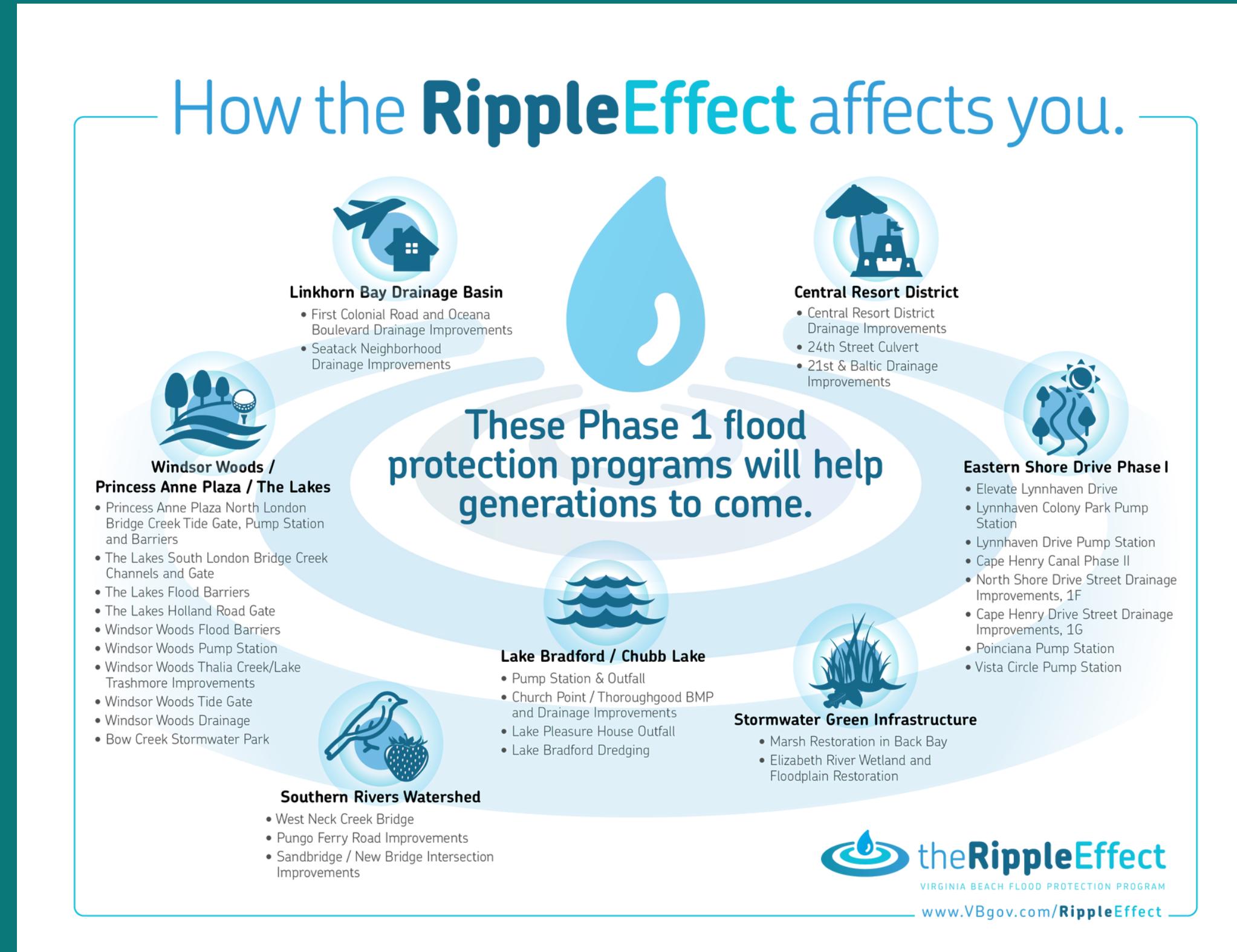
# JLUS Implementation Highlights - Norfolk

- Completed Coastal Storm Risk Management Study with USACE and \$400 million in federal funding for implementation
- \$500,000 from Virginia Community Flood Preparedness Fund for Lake Whitehurst H&H Study



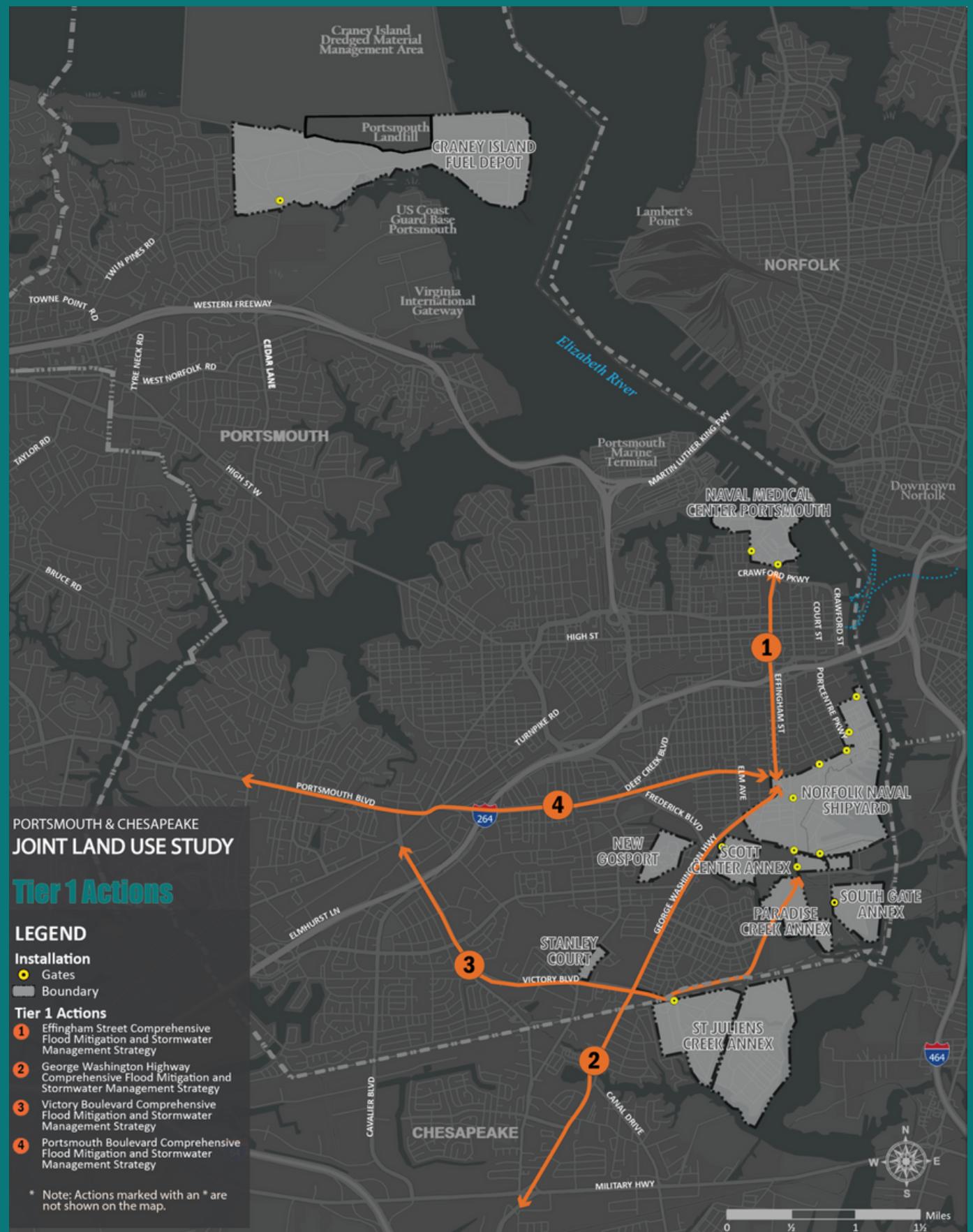
# JLUS Implementation Highlights - Virginia Beach

- **\$567 million bond referendum for city flood protection program**
- **Implementation of Nimmo Parkway Phase VII-A and VII-B**
- **USACE Coastal Storm Risk Management Study Authorization**



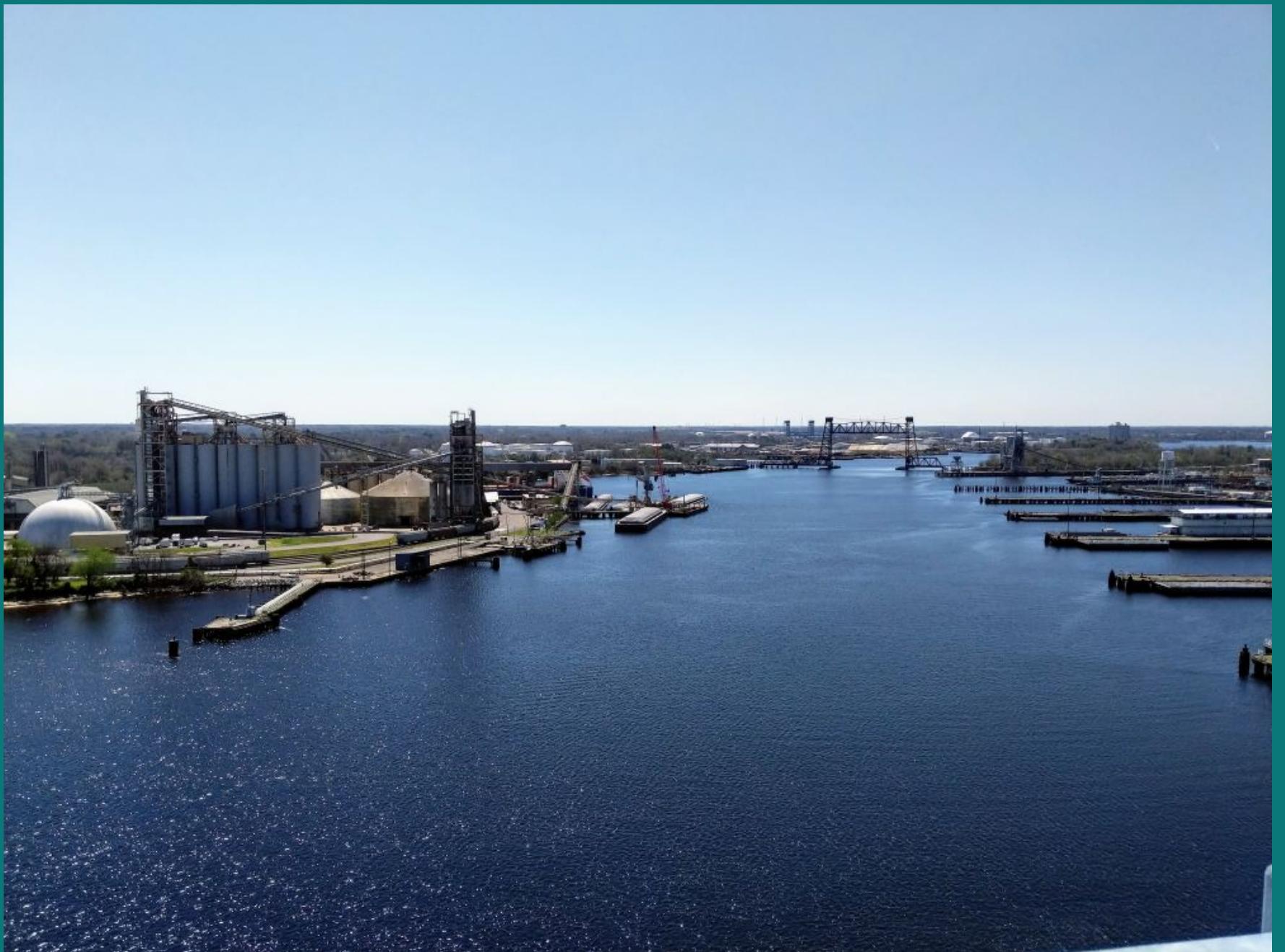
# JLUS Implementation Highlights - Portsmouth

- \$500,000 from Virginia Community Flood Preparedness Fund for Resilience Strategy
- Expansion of HRT services to shipyard
- Developing grant proposals for highway corridor flooding and stormwater strategies
- \$10 million from SmartScale for commuter parking lots on Greenwood and Downtown



# JLUS Implementation Highlights - Chesapeake

- **City Industrial Waterfronts Study**
- **Caledon economic development project at Deepwater Terminal**
- **\$75,000 from Community Flood Preparedness Fund for city resilience plan**



# JLUS Implementation - Regional

- **HRSD Climate Resilience Study**
- **Partnership with Volpe Center on integrating resilience into transportation modeling and planning**
- **Roadway Flooding Sensors Project funded by Implementation Grant from Office of Local Defense Community Cooperation**
- **Regional Resilient Stormwater Management Design Guidelines**

# JLUS Implementation - Next Steps

- **Military Installation Resilience Review**
  - Underway - anticipated completed by June 2023
- **Roadway Flooding Sensors Project**
  - Pilot underway - anticipated completed by October 2022
- **Local Implementation Projects - TBD**

# Questions

Whitney Katchmark  
Principal Water Resources Engineer  
[wkatchmark@hrpdcva.gov](mailto:wkatchmark@hrpdcva.gov)

Ben McFarlane  
Senior Regional Planner  
[bmcfarlane@hrpdcva.gov](mailto:bmcfarlane@hrpdcva.gov)