Joint Land Use Study Implementation in Hampton Roads

Joint Subcommittee on Coastal Flooding July 18, 2022

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What is a Joint Land Use Study?

Brings together military installations and communities through an established federal process to address local issues

Unique opportunity to get official involvement from the military and endorsement of local measures that support their mission

Sets up communities for long-term relationships with military and (potentially) additional federal assistance

Challenges are Opportunities

Understanding

Installations do not understand how communities work.

Communities do not understand what installations need.

Information

Not sharing information and data can lead to unintended impacts on both sides of the fence.

Values

Communities and installations value different things.

Priorities

Localities cannot afford to build everything.

If they don't know what is important to the military, they can't support it.

Key Issues



Access



Community Assets



Coordination & Communication



Development



Flooding



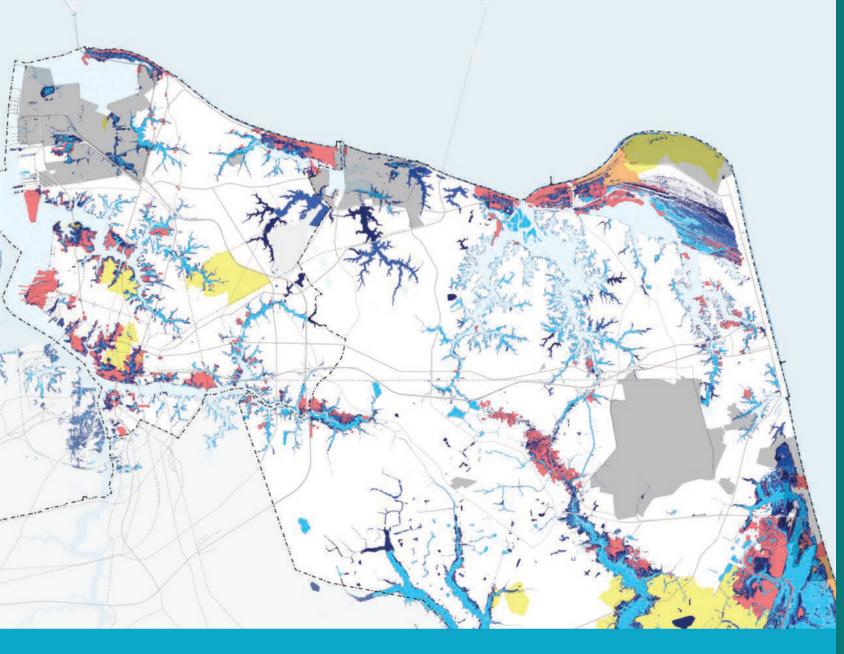
Mobility



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



PORTSMOUTH & CHESAPEAKE

JOINT LAND USE STUDY

Hampton Roads Planning District Commission

August 2021

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

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

Norfolk

Patrick Roberts, Deputy City Manager
Matt Simons, Resilience Office
Kyle Spencer, Acting Chief Resilience Officer
John White, Public Works Department

Portsmouth

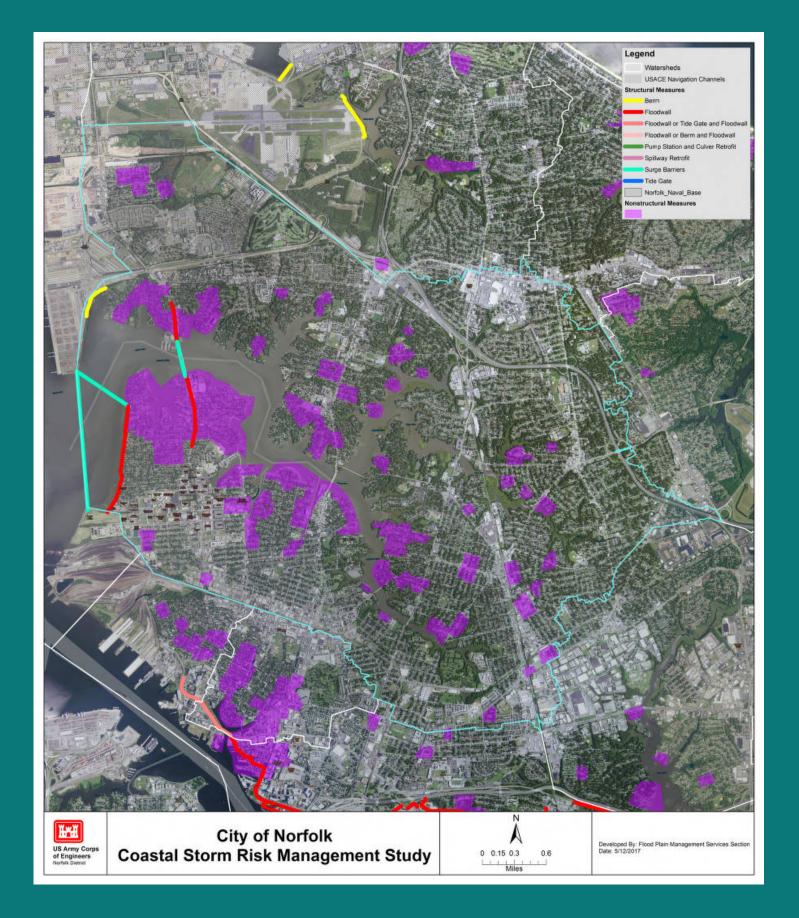
Bob Baldwin, Deputy City Manager
Brian Donahue, Economic Development
Carl Jackson, Planning Department
Brian Swets, Planning Department
James Wright, Director of Engineering

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**

How the **RippleEffect** affects you.



Linkhorn Bay Drainage Basin

- First Colonial Road and Oceana Boulevard Drainage Improvements
- Seatack Neighborhood Drainage Improvements

Southern Rivers Watershed

 Pungo Ferry Road Improvements • Sandbridge / New Bridge Intersection

• West Neck Creek Bridge





- Central Resort District
- Drainage Improvements • 24th Street Culvert
- 21st & Baltic Drainage



Princess Anne Plaza / The Lakes

- Princess Anne Plaza North London Bridge Creek Tide Gate, Pump Station and Barriers
- The Lakes South London Bridge Creek Channels and Gate
- The Lakes Flood Barriers
- The Lakes Holland Road Gate
- Windsor Woods Flood Barriers
- Windsor Woods Pump Station • Windsor Woods Thalia Creek/Lake Trashmore Improvements
- Windsor Woods Tide Gate
- Windsor Woods Drainage
- Bow Creek Stormwater Park



- Pump Station & Outfall
- Church Point / Thoroughgood BMP and Drainage Improvements
- Lake Pleasure House Outfall
- Lake Bradford Dredging



· Lynnhaven Drive Pump Station • Cape Henry Canal Phase II North Shore Drive Street Drainage

• Cape Henry Drive Street Drainage

Eastern Shore Drive Phase

• Lynnhaven Colony Park Pump

• Elevate Lynnhaven Drive

- Improvements, 1G
- Poinciana Pump Station

Improvements, 1F

• Vista Circle Pump Station



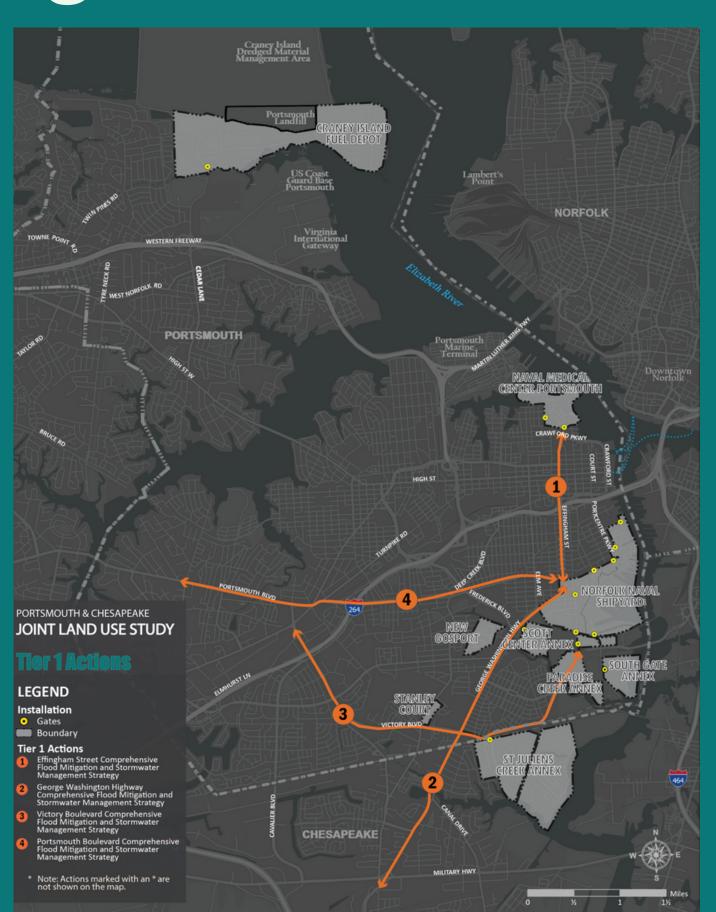
- · Marsh Restoration in Back Bay
- Elizabeth River Wetland and Floodplain Restoration



www.VBgov.com/RippleEffect.

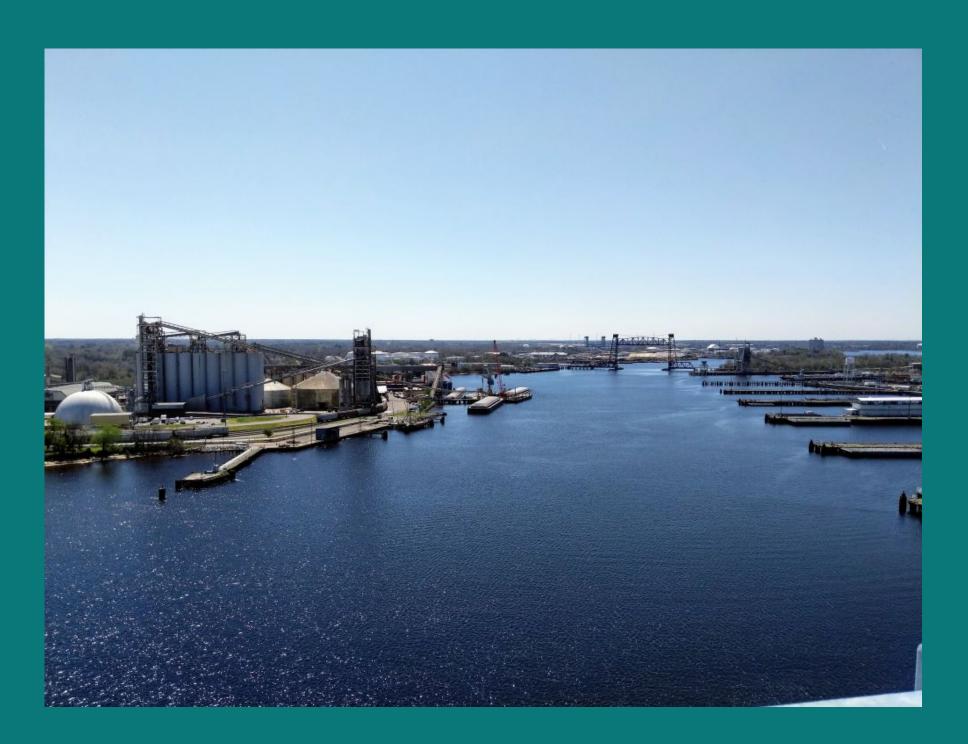
JLUS Implementation Highlights - Portsmouth

- \$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

Questions

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