

HAMPTON ROADS PLANNING DISTRICT COMMISSION

# Portsmouth-Chesapeake Joint Land Use Study

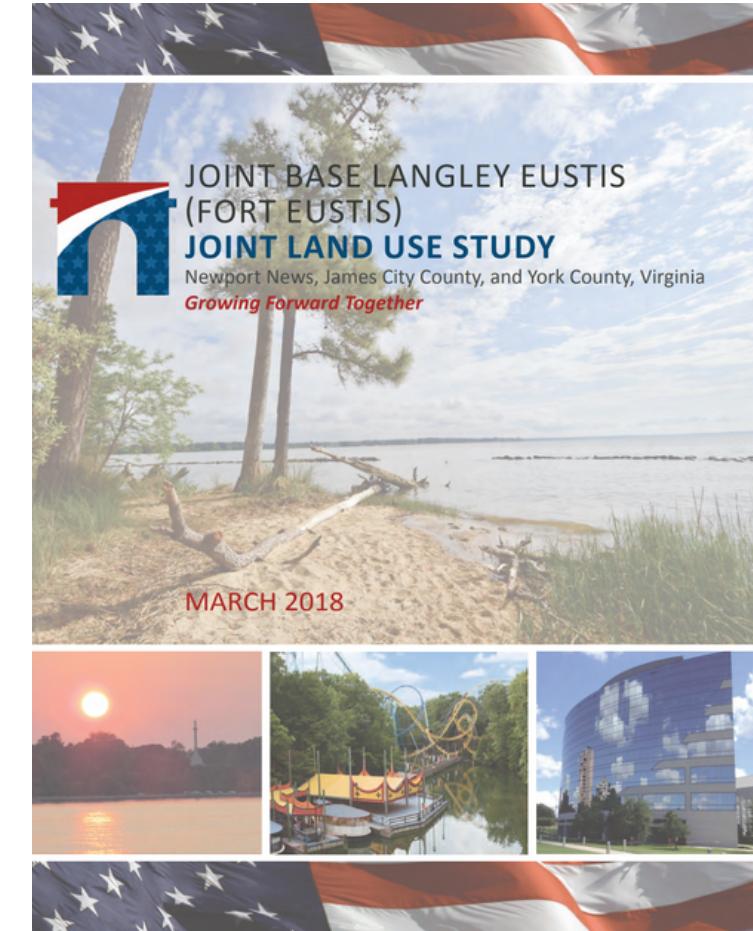
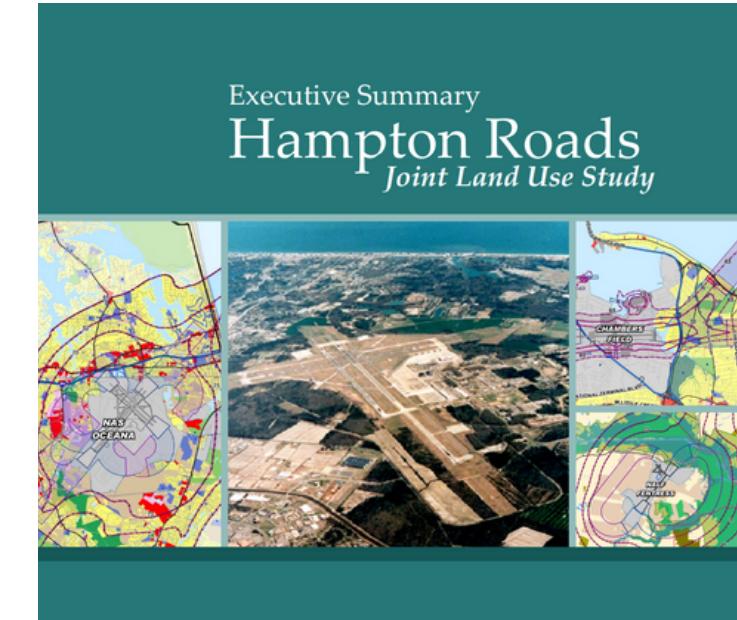
February 17, 2022

Benjamin McFarlane, Senior Regional Planner

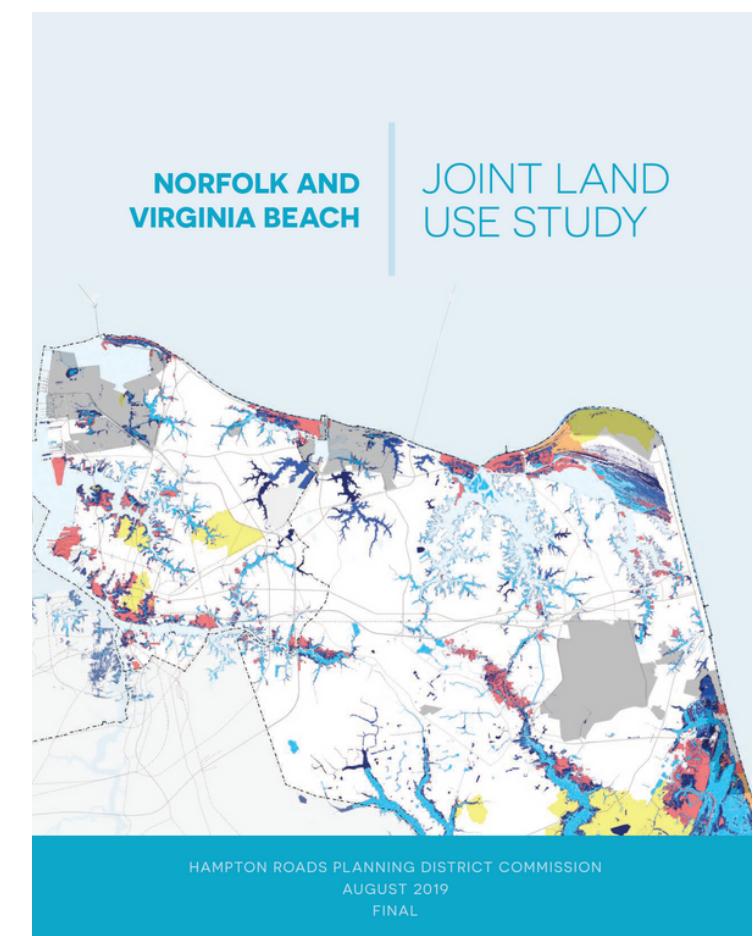
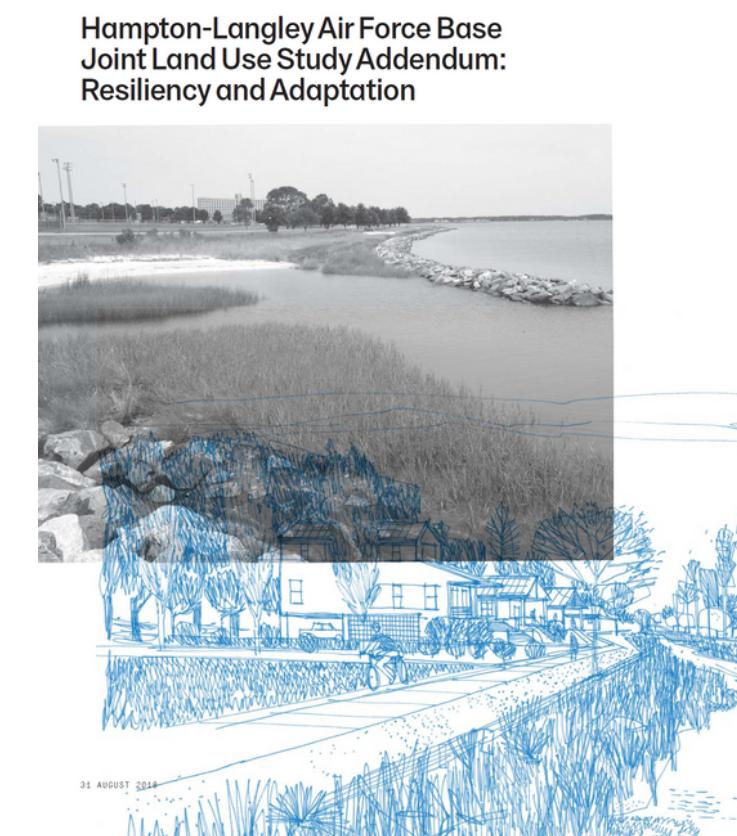


# Project Background

**Several Joint Land Use Studies have been recently completed in Hampton Roads**



**There has been an increasing emphasis on planning for resilience at all levels of government - local, regional, state, and federal.**



# JLUS Team

## JLUS Partners

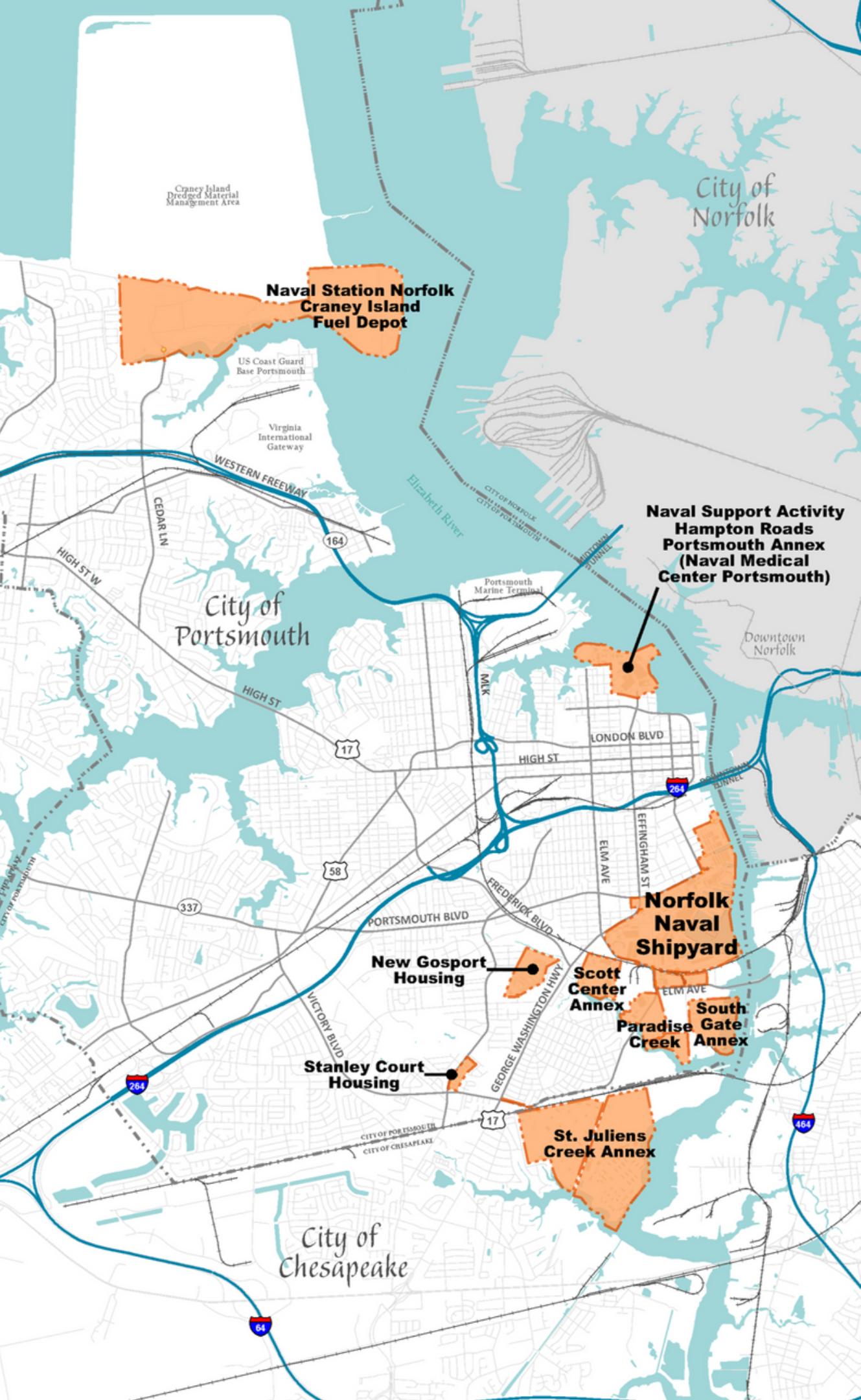
Chesapeake  
Portsmouth  
Norfolk Naval Shipyard  
Naval Medical Center Portsmouth  
Naval Station Norfolk

## Project Consultants

AECOM  
Moffatt & Nichol  
Kimley-Horn  
The Miles Agency  
Salter's Creek Consulting

## Project Administrator

HRPDC



# Key Issues



**Parking**



**Mobility Options**



**Roadway Flooding**



**Access**



**Redevelopment Opportunities**



**Coordination & Communication**

# JLUS 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**

# Recommendations: 36 Actions



**PARKING** strategies focus on managing parking both internal and external to the installations, including improving parking utilization and connectivity and pursuing remote parking alternatives.



**MULTIMODAL** strategies focus on expanding and improving transit to align with military personnel schedules and improving bicycle and pedestrian access in and around the installations.



**ACCESS** strategies focus on improving installation access points and enhancing directional signage and information to assist commuters.



**LAND USE AND DEVELOPMENT** strategies target areas adjacent to the installations and recommend joint planning efforts to manage compatible growth, reuse, and development.



**FLOOD MITIGATION** strategies identify approaches that could be considered to mitigate flooding along critical corridors.



**UTILITY** strategies focus on improving utility resiliency for the installations and local economic development opportunities.

# Evaluation Criteria and Scoring

## DOD Mission & Personnel Readiness

- Reducing flood risk to installations and corridors
- Improving travel efficiency or access

## Transportation Network Connectivity

- Improving regional connectivity
- Expanding alternative transportation options

## Community Benefits

- Improves neighborhood quality of life
- Reduces community flood risk

## Economic Resilience

- Supports local economic goals
- Supports reuse or redev. of underutilized lands

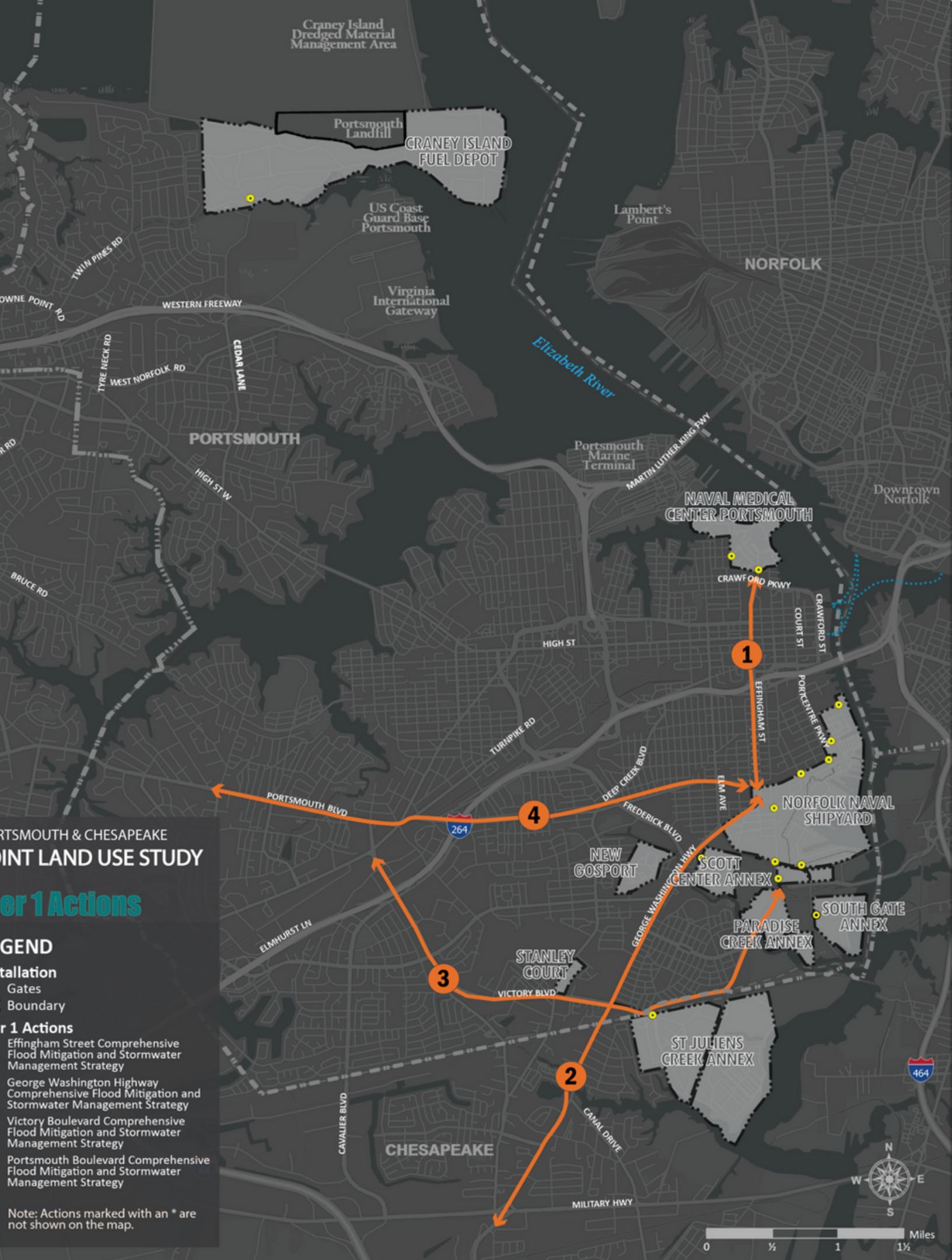
# Tier 1 Actions

**Effingham Street Comp. Flood Mitigation and Stormwater Management Strategy**

**George Washington Hwy Comp. Flood Mitigation and Stormwater Management Strategy**

**Victory Blvd. Comp. Flood Mitigation and Stormwater Management Strategy**

**Portsmouth Blvd. Comp. Flood Mitigation and Stormwater Management Strategy**



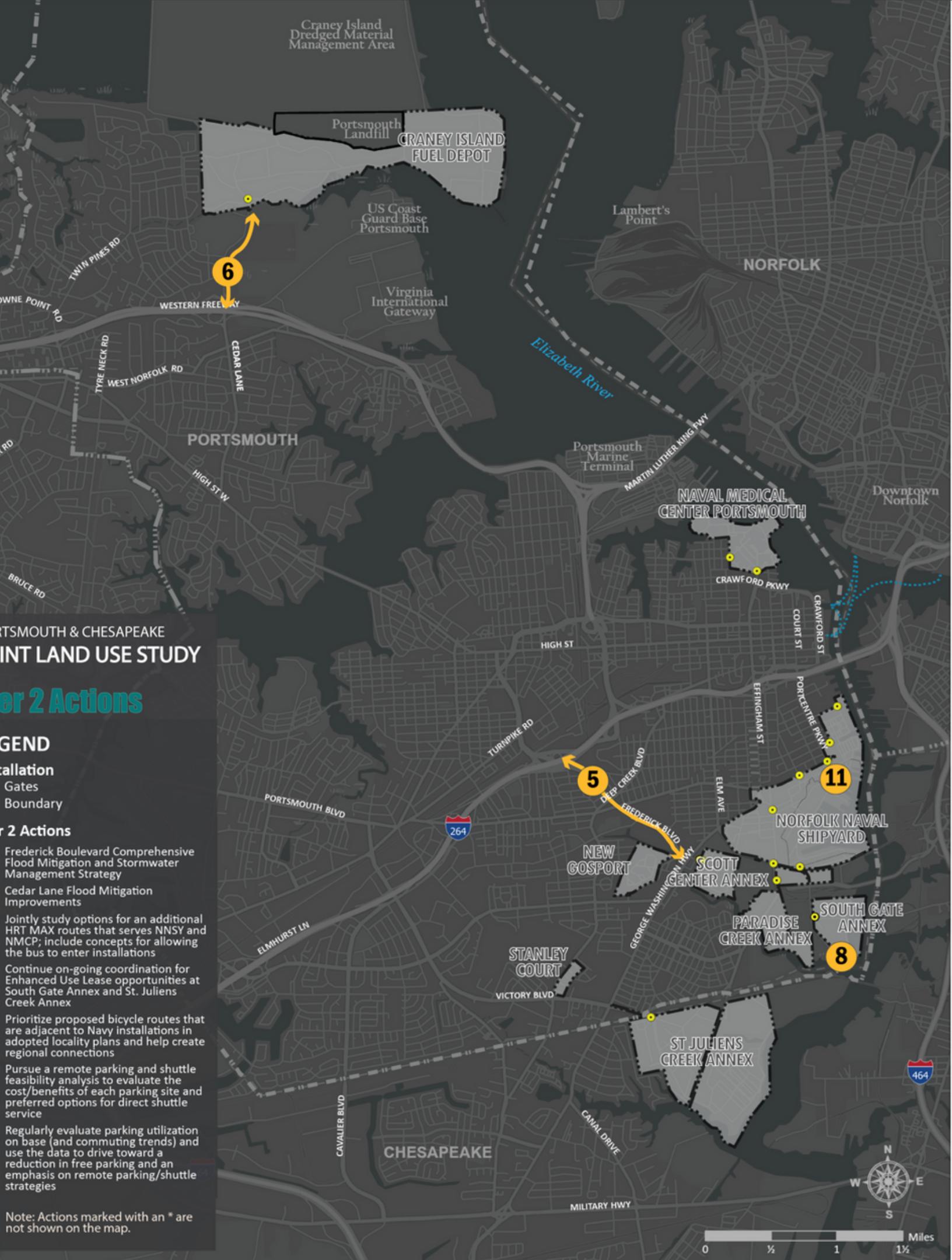
# Tier 2 Actions

## Frederick Blvd. Comp. Flood Mitigation and Stormwater Management Strategy

## Cedar Lane Flood Mitigation Improvements

## Study HRT Pilot MAX Route for NNSY and NMCP

## Coordination on Enhanced Use Lease Opportunities at South Gate Annex and St. Juliens Creek Annex

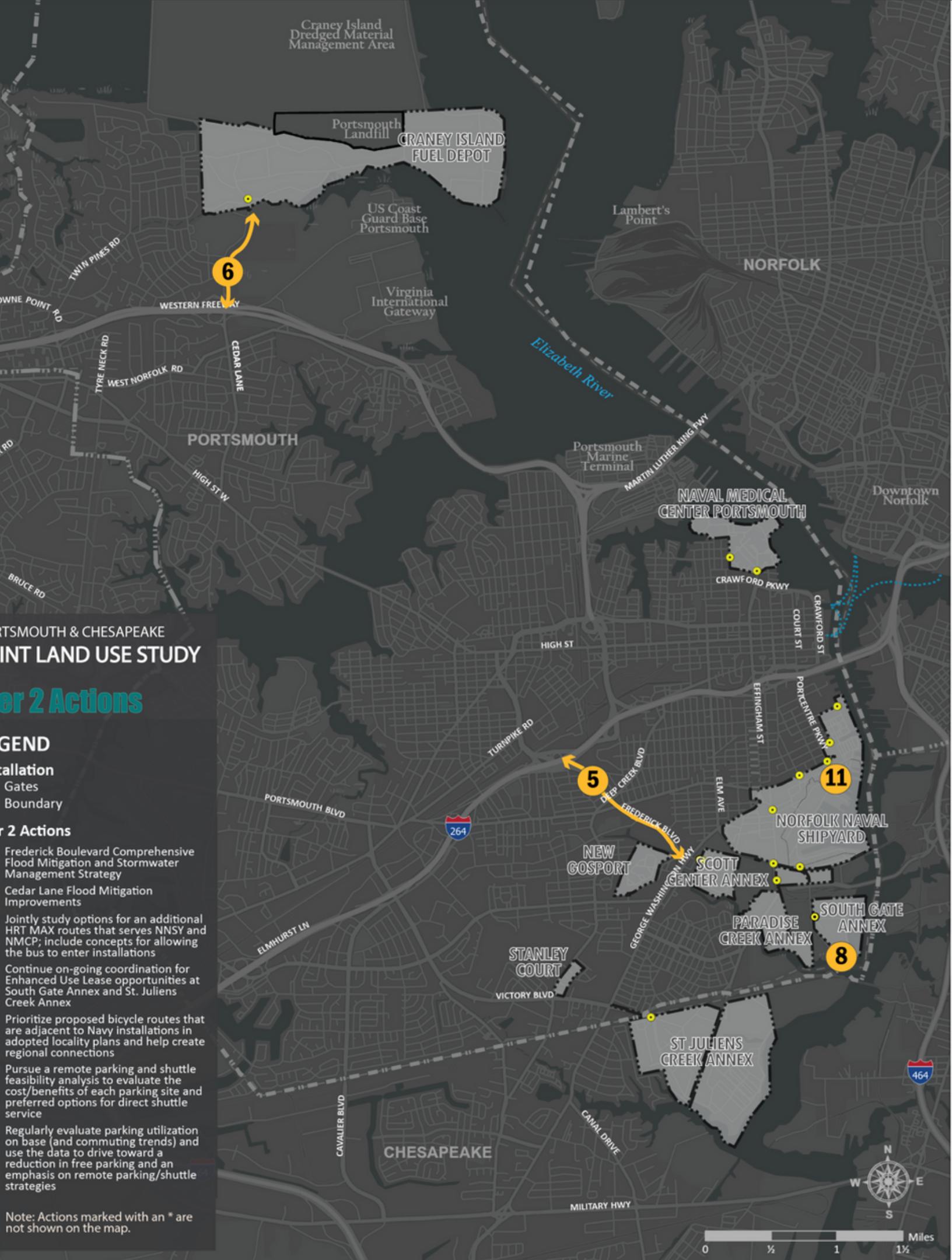


# Tier 2 Actions

Identify and establish bicycle routes adjacent to Navy installations

Analyze feasibility for remote parking and shuttle service at NNSY

Evaluate parking utilization on base to better manage limited capacity



# Recommended Policies and Practices

**Adopt an MOU among JLUS partners to commit to working together to advance and implement JLUS priorities.**

**Set quarterly recurring coordination meetings between the Navy, localities, and the Norfolk and Portsmouth Belt Line Railroad.**

**Continue to explore and pursue funding opportunities through the Defense Community Infrastructure Program and Defense Access Roads Program.**

**Incorporate up-to-date projections for future SLR, future rainfall, and storm surge into roadway design guidelines and projects to cover the project's expected service life.**

**Define GIS data-sharing protocols, requirements, and contacts at the cities and the Navy to support cross-jurisdictional technical studies, analyses, and project execution.**

# Engagement



<https://aecomviz.com/POCHJLUS/>

# Implementation Opportunities

## Federal

- OLDCC Implementation Grants
- Defense Community Infrastructure Program (DCIP)
- Readiness and Environmental Protection Initiative (REPI)
- Defense Access Roads (DAR)

## State

- Community Flood Preparedness Fund (CFPF)
- Coastal Resiliency Master Plan

## Local

- Capital Improvement Programs
- Local and regional coordination

# Next Steps

Brief project partners on final study outcomes and recommendations

Receive final approval/acceptance of project deliverables from OLDCC

Coordinate with local and Navy project partners to develop proposals for implementation grants

Documents available on HRPDC website:

<https://www.hrpdcva.gov/departments/joint-land-use-studies/portsmouth-chesapeake-joint-land-use-study/>

**Benjamin McFarlane, AICP, CFM**  
**Senior Regional Planner**  
**Hampton Roads Planning District**  
**Commission**  
**bmcfarlane@hrpdcva.gov**



PORTSMOUTH & CHESAPEAKE  
**JOINT LAND  
USE STUDY**

Hampton Roads Planning District Commission

Final Report  
August 2021