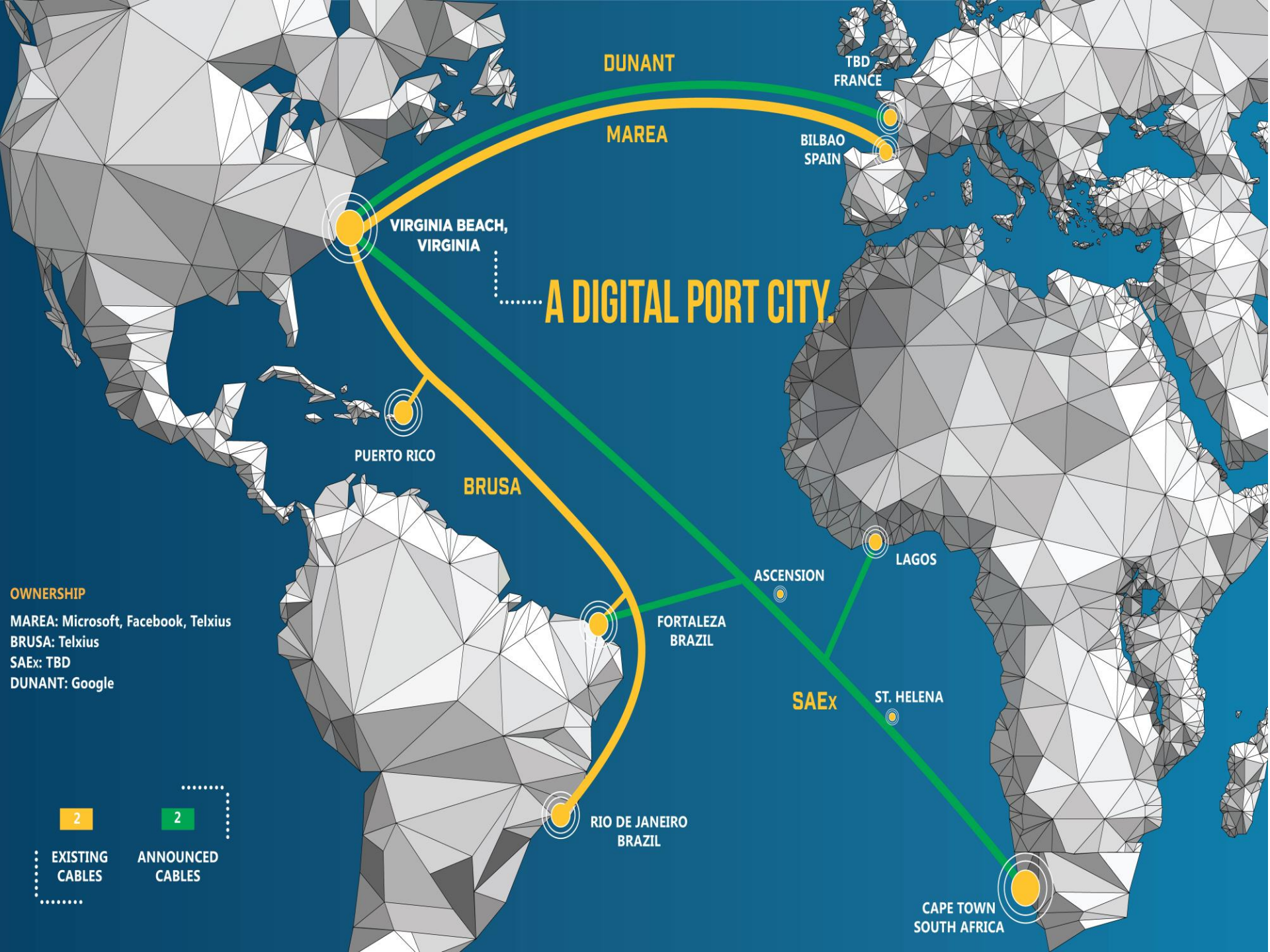


# Hampton Roads Planning District Commission

## Regional Broadband Strategy





DUNANT

MAREA

VIRGINIA BEACH,  
VIRGINIA

TBD  
FRANCE

BILBAO  
SPAIN

A DIGITAL PORT CITY.

PUERTO RICO

BRUSA

ASCENSION

LAGOS

FORTALEZA  
BRAZIL

SAEx

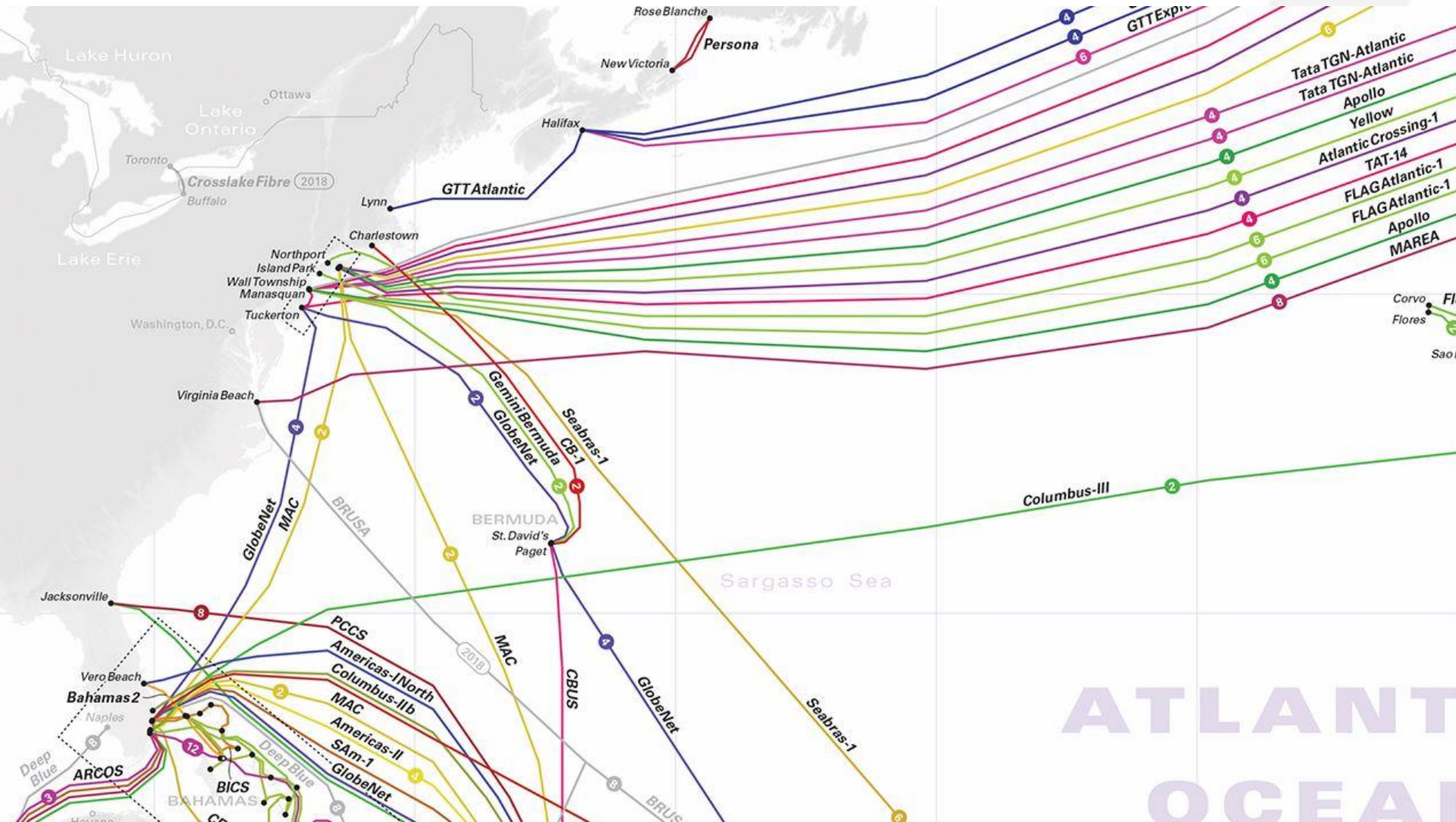
ST. HELENA

RIO DE JANEIRO  
BRAZIL

CAPE TOWN  
SOUTH AFRICA

**OWNERSHIP**  
MAREA: Microsoft, Facebook, Telxius  
BRUSA: Telxius  
SAEx: TBD  
DUNANT: Google

**2** EXISTING CABLES  
**2** ANNOUNCED CABLES



**ATLANTIC OCEAN**







# Hampton Roads and Eastern Shore of VA

## Regional Fiber Optic Network Connectivity

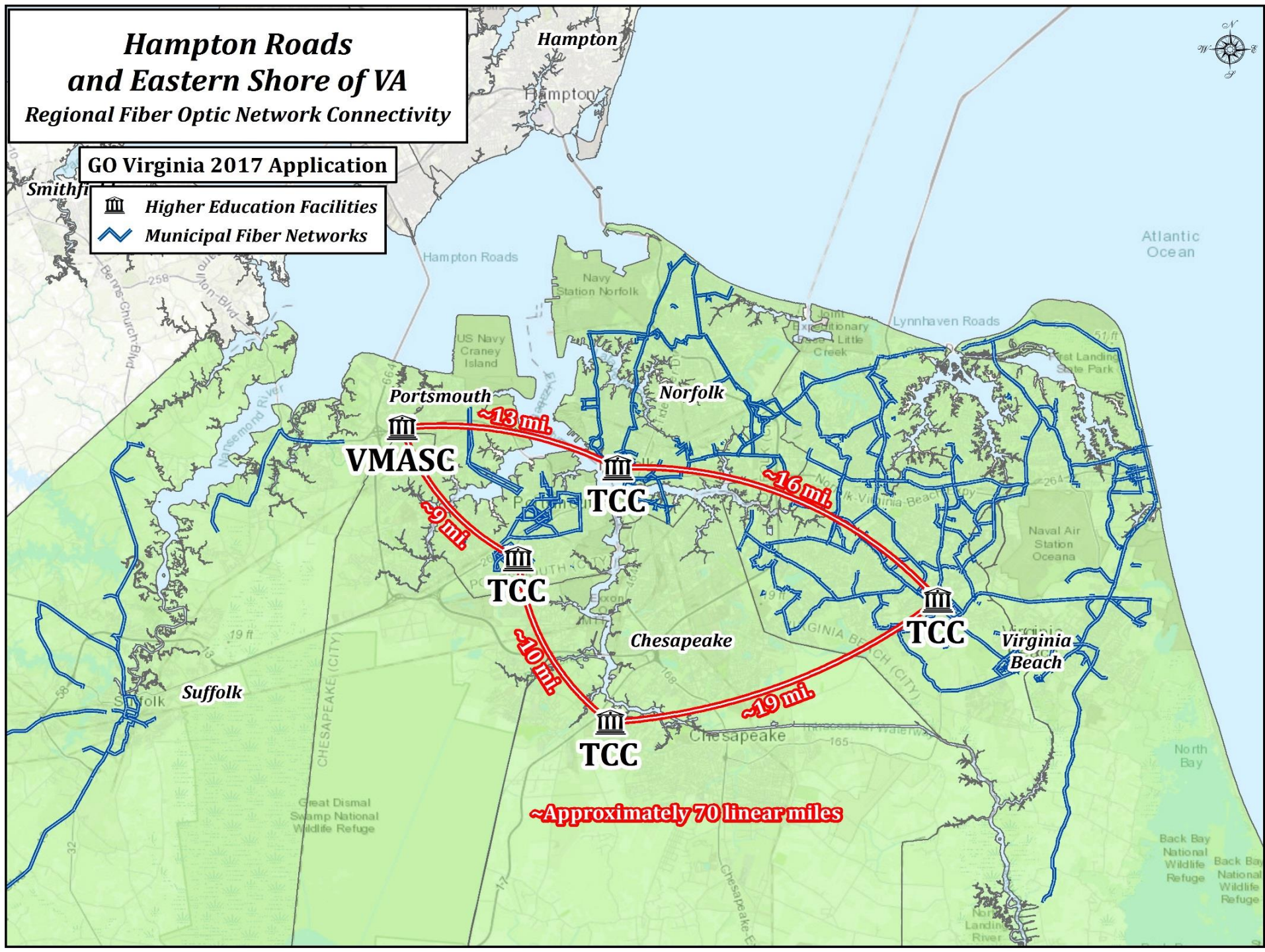
GO Virginia 2017 Application



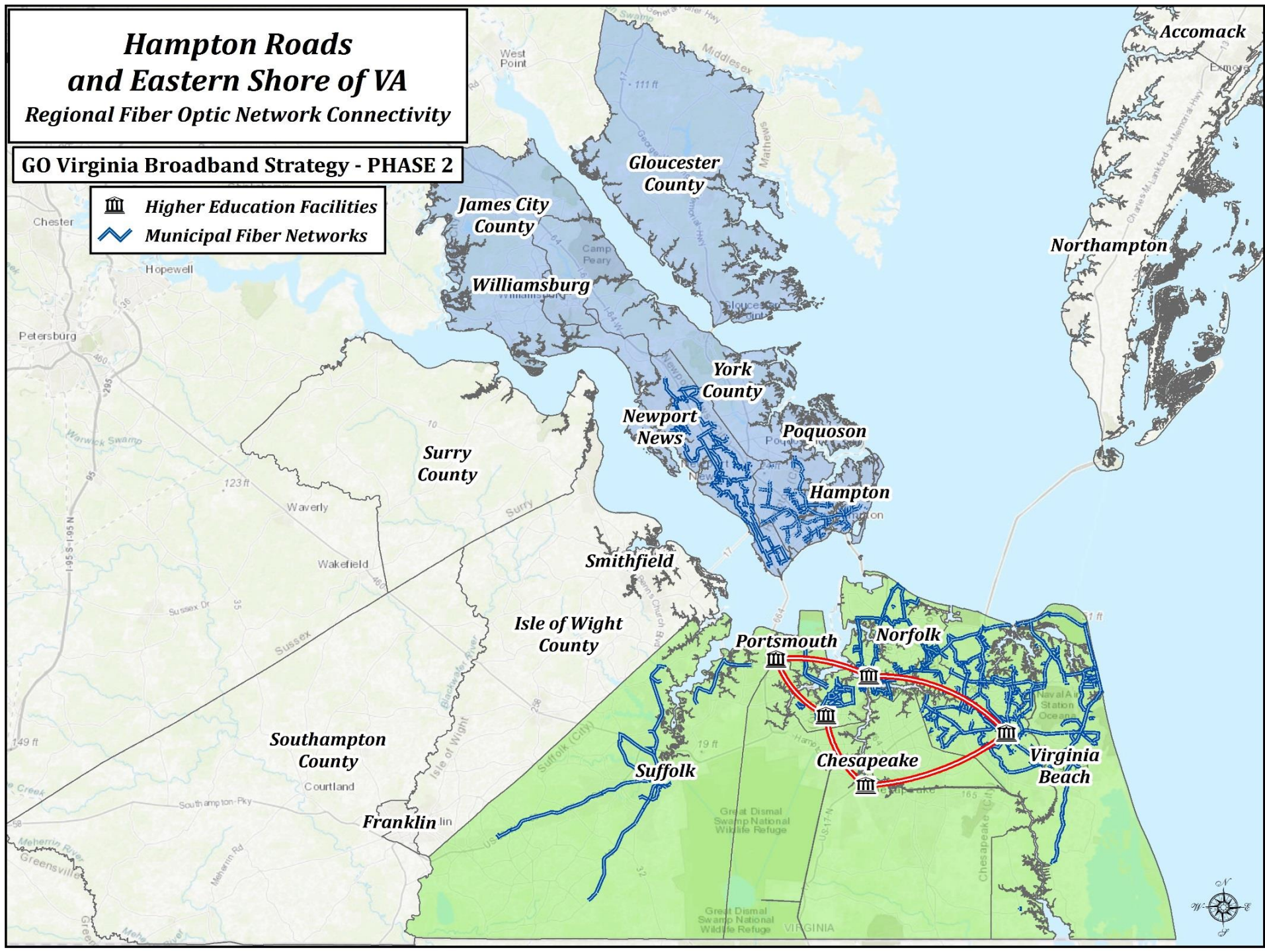
Higher Education Facilities



Municipal Fiber Networks







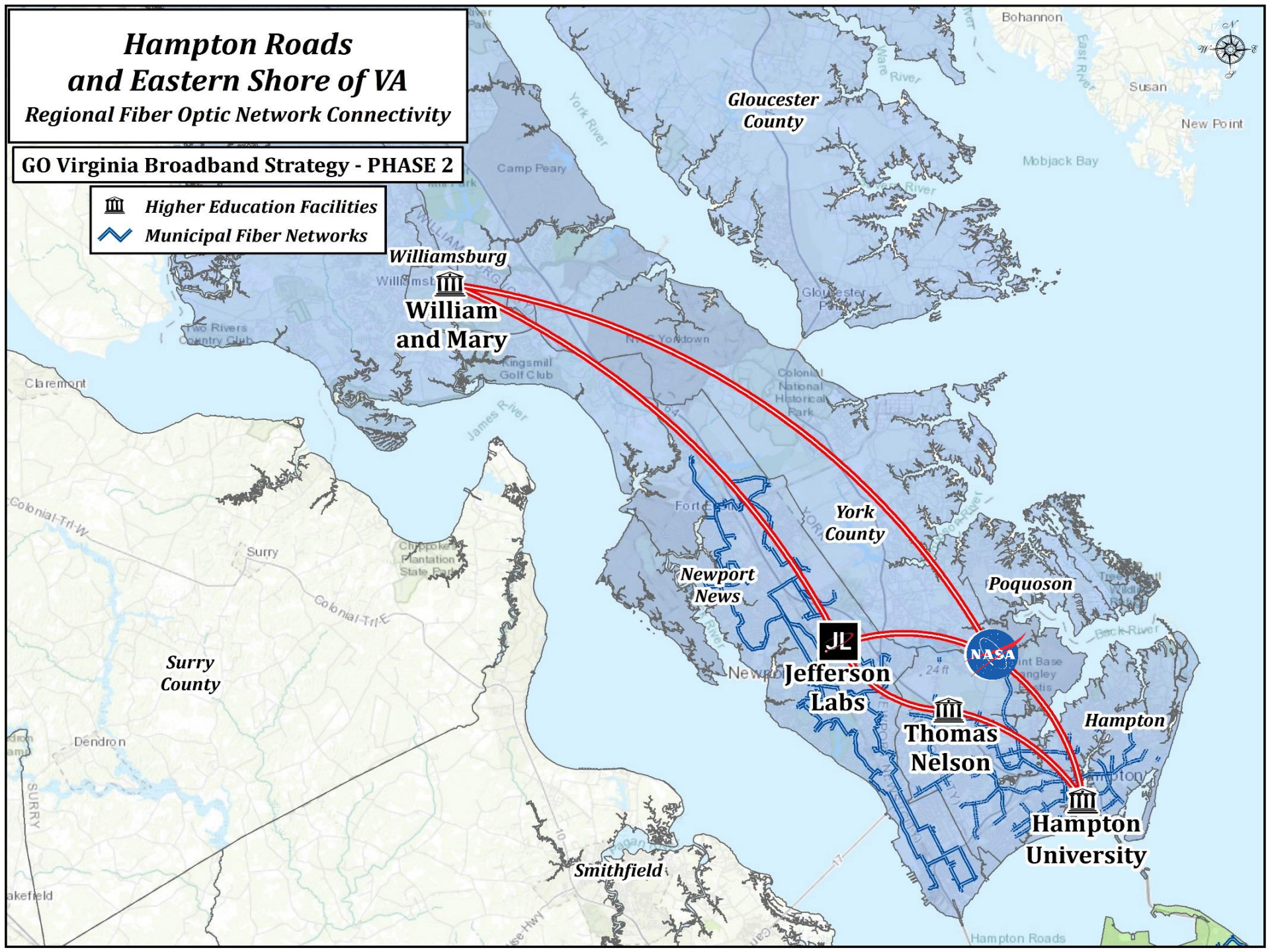


# Hampton Roads and Eastern Shore of VA

## Regional Fiber Optic Network Connectivity

GO Virginia Broadband Strategy - PHASE 2

-  Higher Education Facilities
-  Municipal Fiber Networks



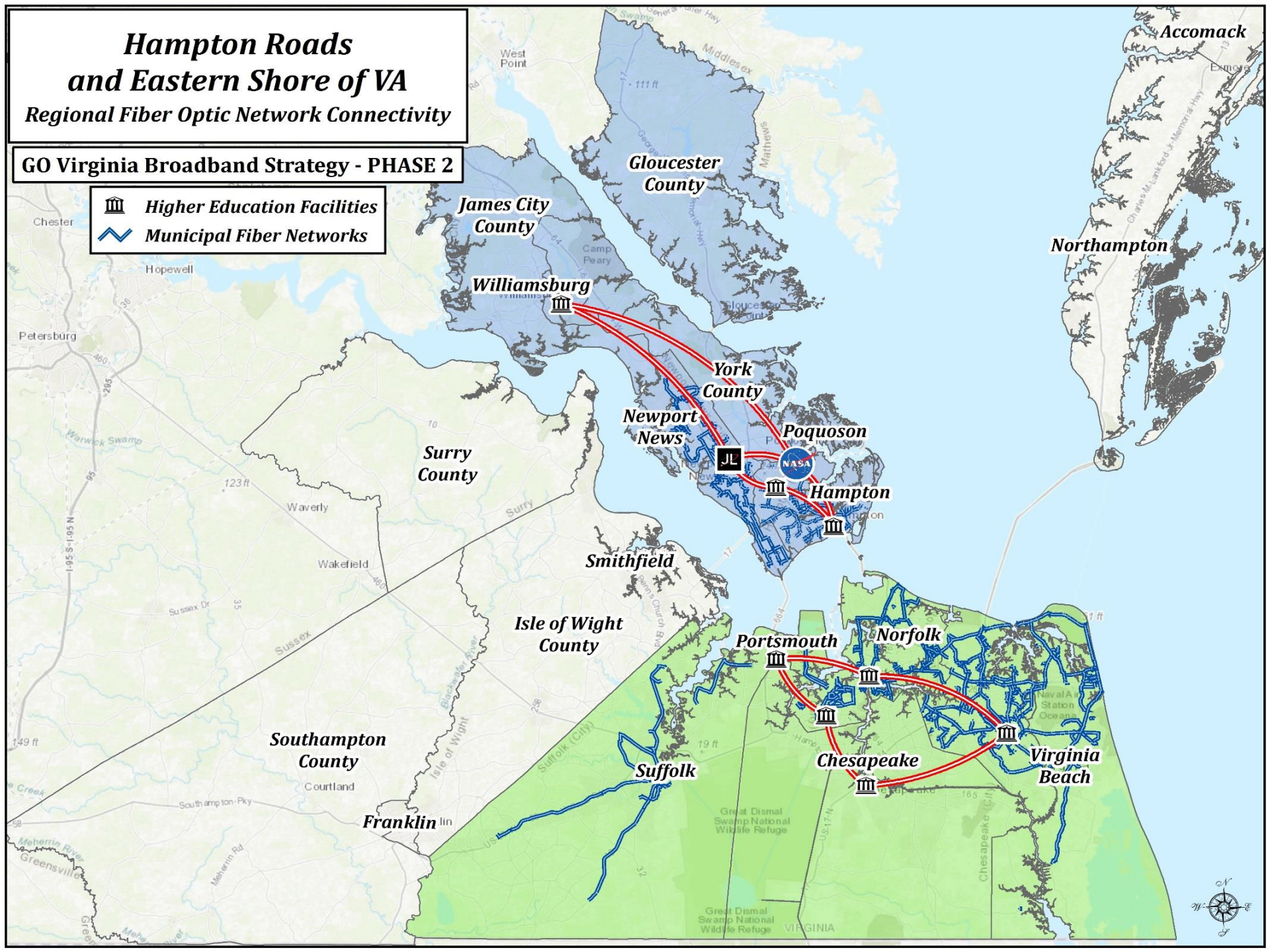


# Hampton Roads and Eastern Shore of VA

## Regional Fiber Optic Network Connectivity

GO Virginia Broadband Strategy - PHASE 2

-  Higher Education Facilities
-  Municipal Fiber Networks



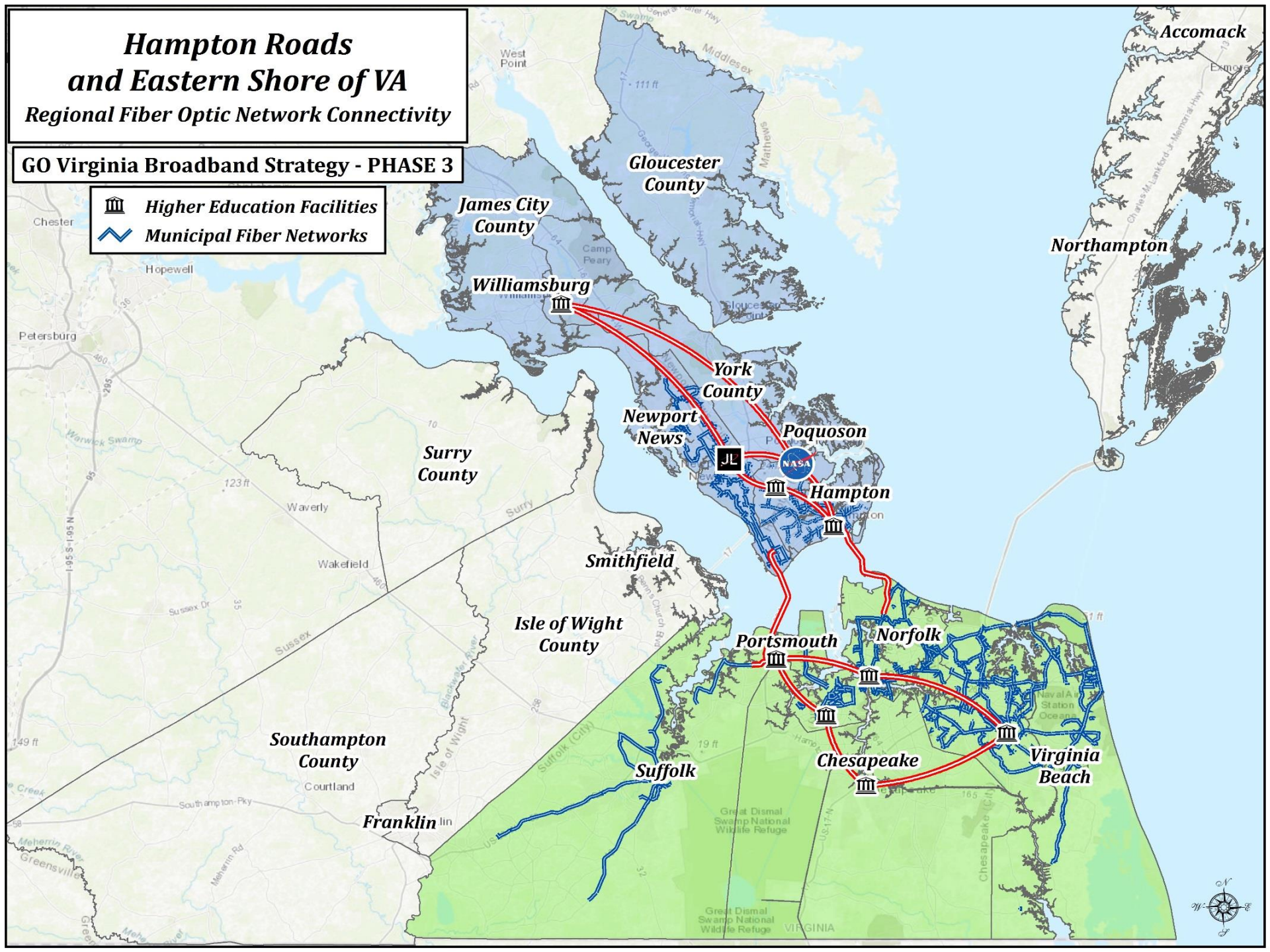


# Hampton Roads and Eastern Shore of VA

## Regional Fiber Optic Network Connectivity

GO Virginia Broadband Strategy - PHASE 3

-  Higher Education Facilities
-  Municipal Fiber Networks



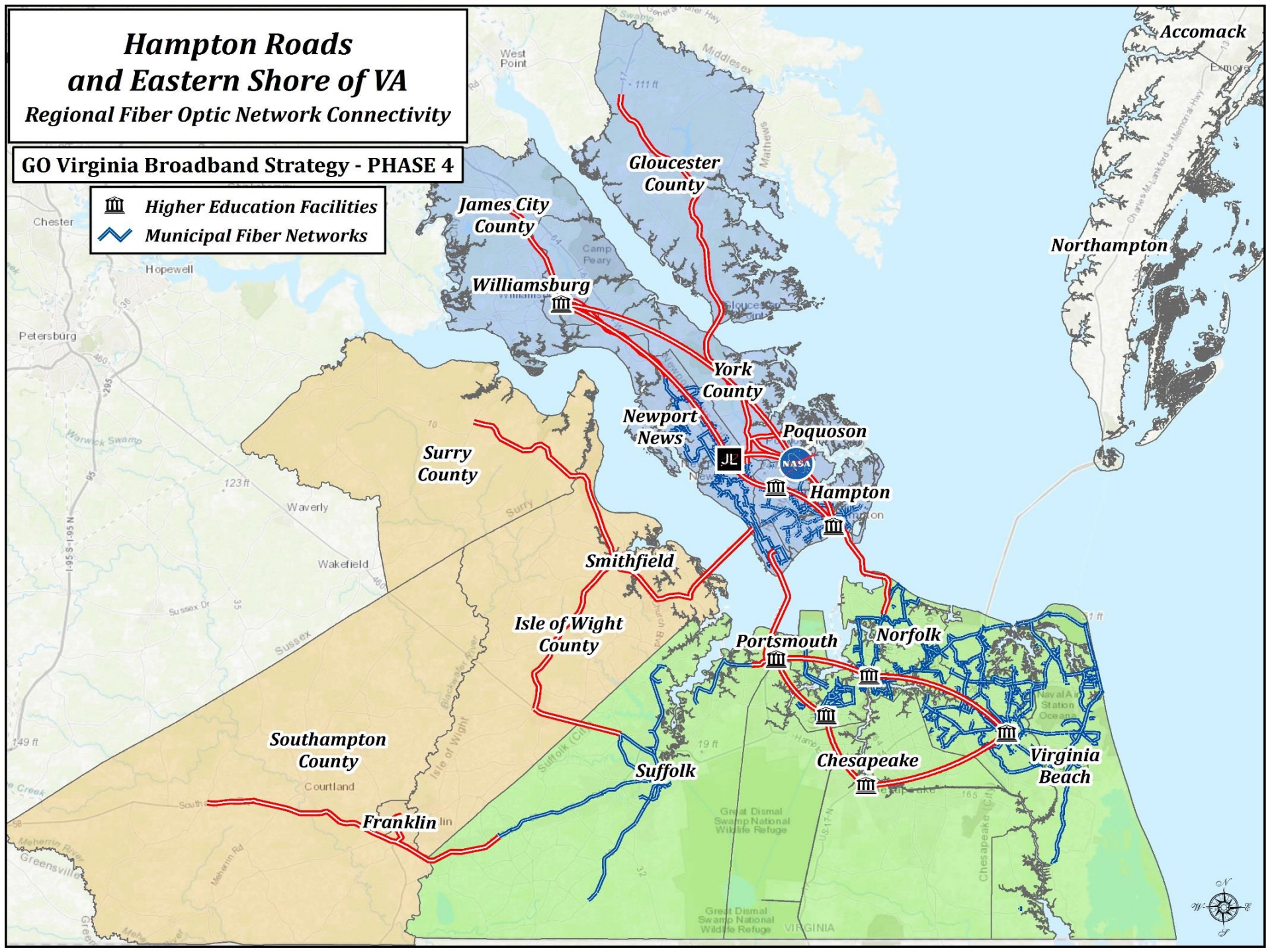


# Hampton Roads and Eastern Shore of VA

## Regional Fiber Optic Network Connectivity

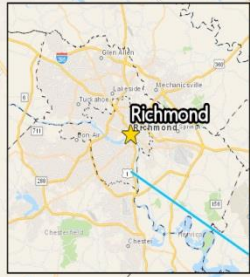
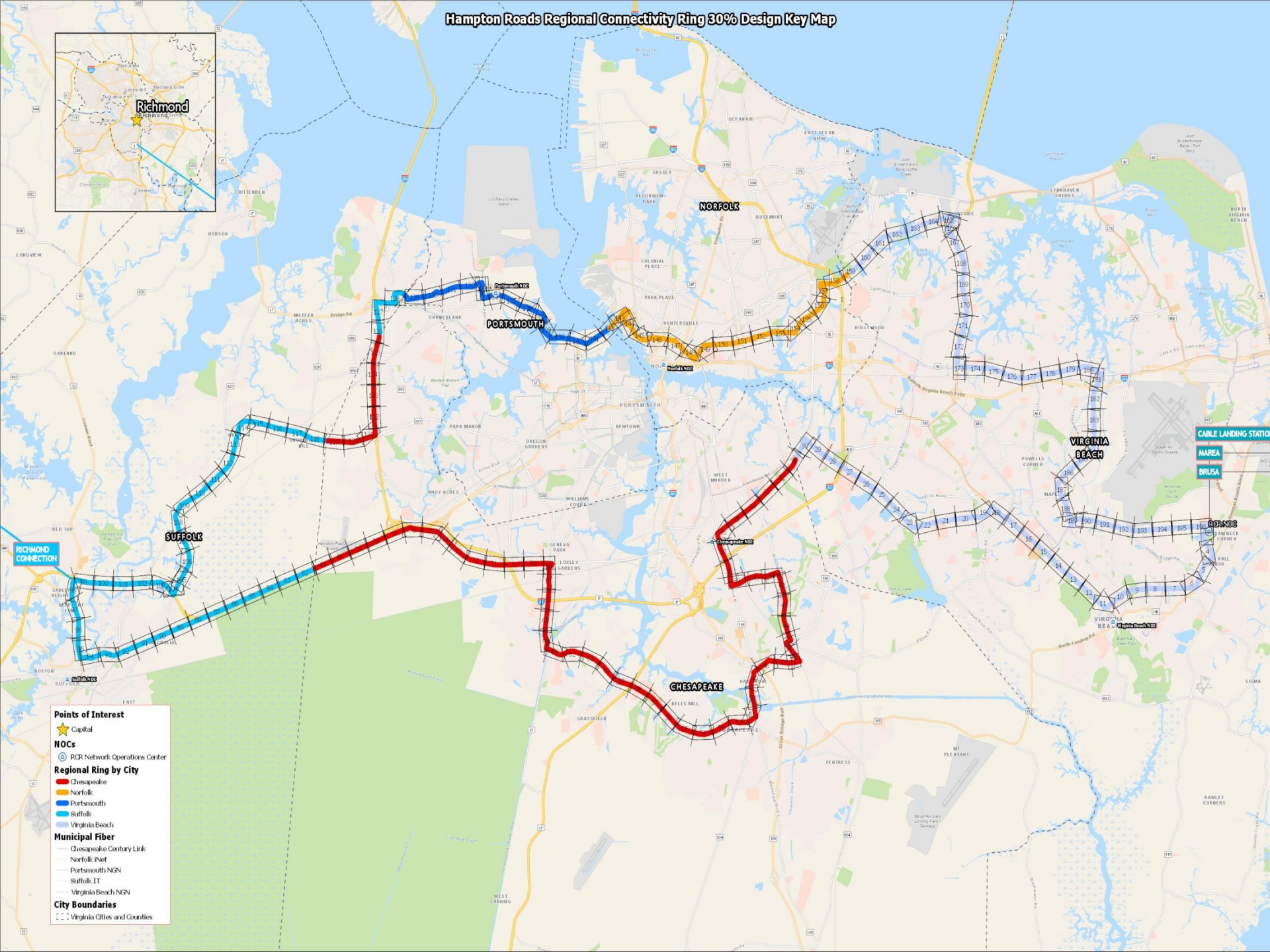
GO Virginia Broadband Strategy - PHASE 4

-  Higher Education Facilities
-  Municipal Fiber Networks





# Hampton Roads Regional Connectivity Ring 30% Design Key Map



- Points of Interest**
- ★ Capital
- NOCs**
- ⊙ RCR Network Operations Center
- Regional Ring by City**
- Chesapeake
  - Norfolk
  - Portsmouth
  - Suffolk
  - Virginia Beach
- Municipal Fiber**
- Chesapeake Century Link
  - Norfolk iNet
  - Portsmouth NGN
  - Suffolk IT
  - Virginia Beach NGN
- City Boundaries**
- Virginia Cities and Counties

CABLE LANDING STATION  
MAREA  
BRUSA

REARNS



# Southside Fiber Ring

- Oversight by Broadband Steering Committee
- 30% Design Complete
- Governance Structure – Broadband Authority
- RFP for Final Design/Construction Drawings





**Eastern Virginia  
Regional Industrial  
Facility Authority  
(EVRIFA)**





# **EVRIFA**

## **Founding Members**

- Gloucester County
- Hampton
- James City County
- Newport News
- Poquoson
- Williamsburg
- York County

## **Southside Members**

- Chesapeake
- Isle of Wight County



# **EVRIFA**

## **Opportunities**

- Collaboration to Prepare Economic Development Sites
- Revenue Sharing
- EVRIFA members participate in each opportunity on a voluntary basis





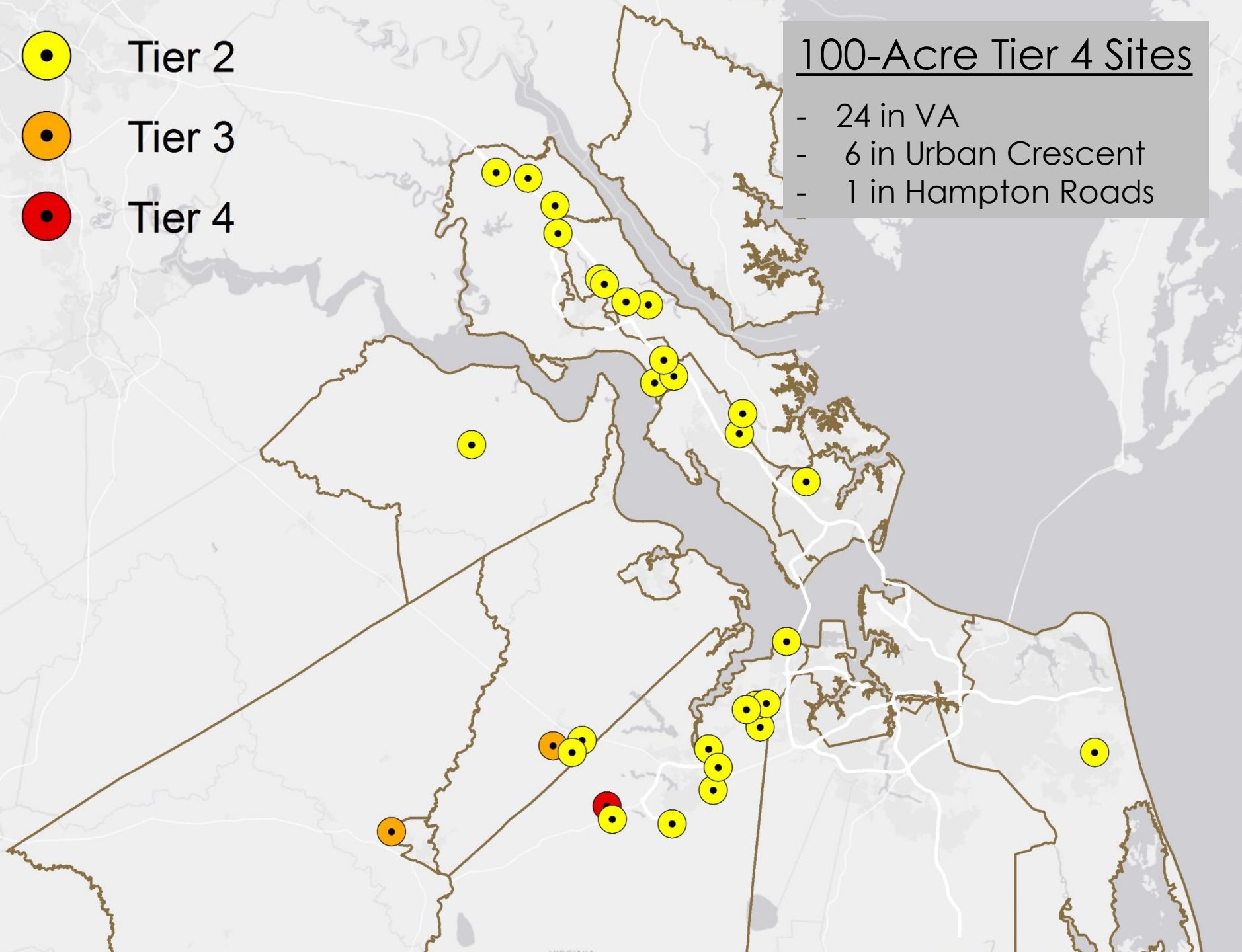
 Tier 2

 Tier 3

 Tier 4

## 100-Acre Tier 4 Sites

- 24 in VA
- 6 in Urban Crescent
- 1 in Hampton Roads





# Discussion