

Hampton Roads Transportation Projects Update

Robert Crum

Executive Director

HRPDC/HRTPO

Hampton Roads Transportation Accountability Commission

Sales and Use Tax: 0.7%

Gas Tax: 2.8%

Per the Code of Virginia, monies must be used for transportation projects in our region that provide the highest level of congestion relief for our residents

Key Takeaways

- The Hampton Roads region has one of the largest interstate highway construction programs underway in the country
- 93% of the funding for these projects was generated by the Hampton Roads region through HRTAC
- These projects include nearly 200 lane miles of I-64 improvements: the I-64/HRBT, I-64 Peninsula Widening, I-64/264 Interchange and I-64 Southside/High Rise Bridge
- Currently, there are federal loans but no federal monies to HRTAC supporting these projects

I-64 Peninsula Widening

- Segment 1 completed



I-64 Peninsula Widening

- Segment 2 completed



I-64 Peninsula Widening

- Segment 3





I-64 WIDENING

VDOT

SEGMENT III

Ribbon Cutting Ceremony
December 20, 2021

I-64 Gap



- Widening of I-64 to six lanes Exit 234 west of Williamsburg eastward
- The 29-mile gap lanes remain westward to Bottoms Bridge

I-64 Gap

State Budget Year 1:	\$300 M
State Budget Year 2:	<u>\$170 M</u>
	\$470 M
Federal Funding:	<u>\$ 25 M</u>
	\$ 495 M
CVTA	<u>\$100 M</u>
	\$595 M
Smart Scale	<u>\$161 M</u>
	\$756 M

- First 3 phases of I-64 improvements on Peninsula
- HRTAC contributed \$311 M
- 29-mile gap from Exit 234 to Exit 205 (9 miles in Hampton Roads)
- Total cost of 29-mile gap estimated at just over \$750 M

Hampton Roads Bridge Tunnel (HRBT) Expansion



Hampton Roads Bridge Tunnel (HRBT) Expansion



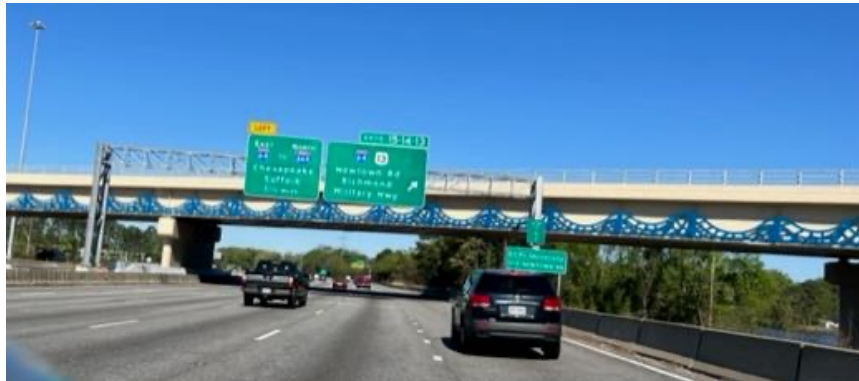
HRBT Expansion Project



- Largest single roadway project value in history of Virginia at \$3.8 Billion



I-64/I-264 Interchange



High-Rise Bridge/I-64 Southside Widening



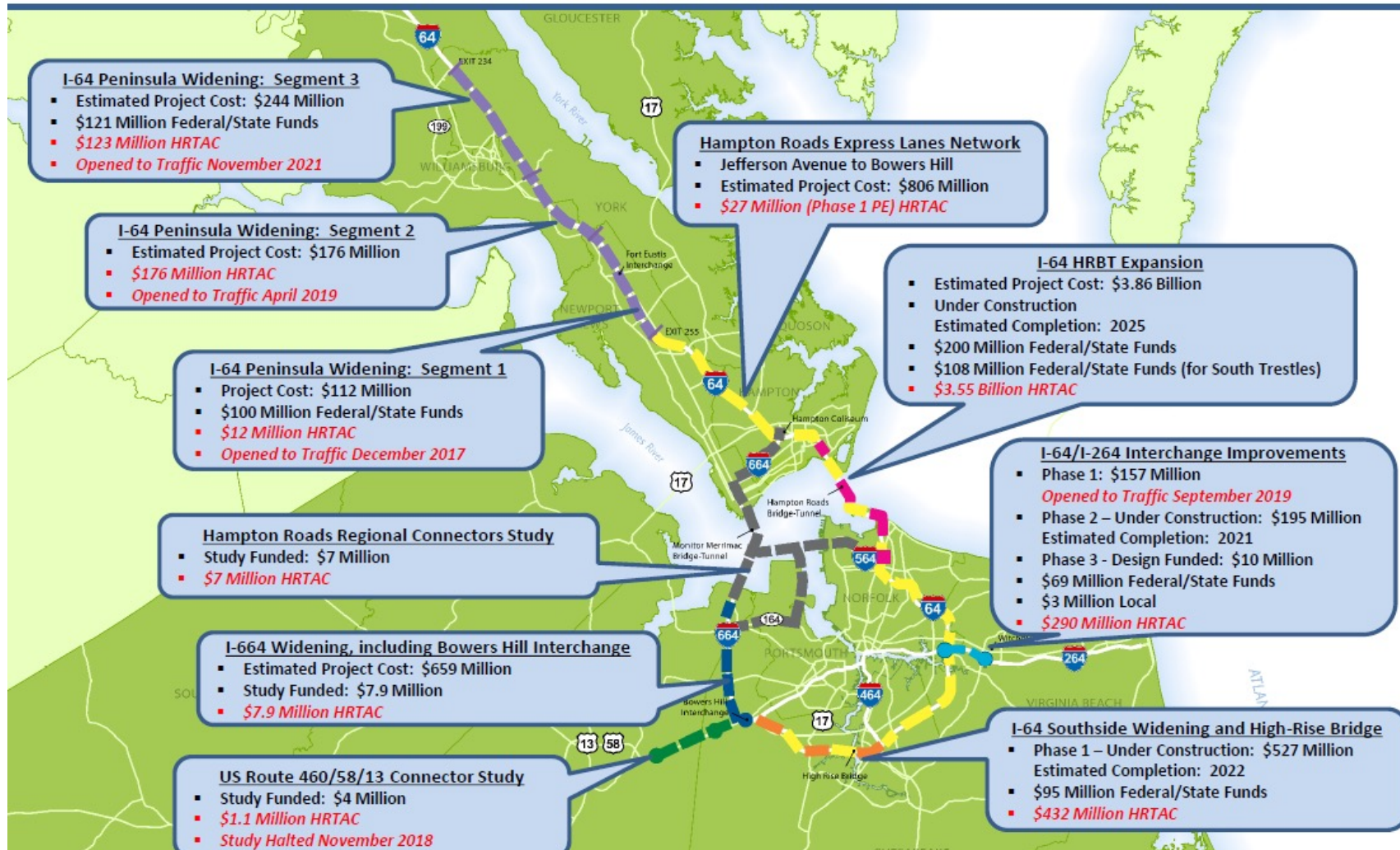
High-Rise Bridge/I-64 South Side



- August 2023 completion
- 9 miles of interstate widening (from 4 to 6 lanes)
- New express lane in each direction constructed in the median
- Widen six existing bridges
- Replace Great Bridge Boulevard Bridge
- Construct new High Rise Bridge for traffic toward Greenbrier
- Convert existing High Rise Bridge for traffic toward Suffolk

Hampton Roads Regional Transportation Priority Projects

\$5.5 Billion Total Value, \$4.7 Billion HRTAC Funded





Existing - Eastbound



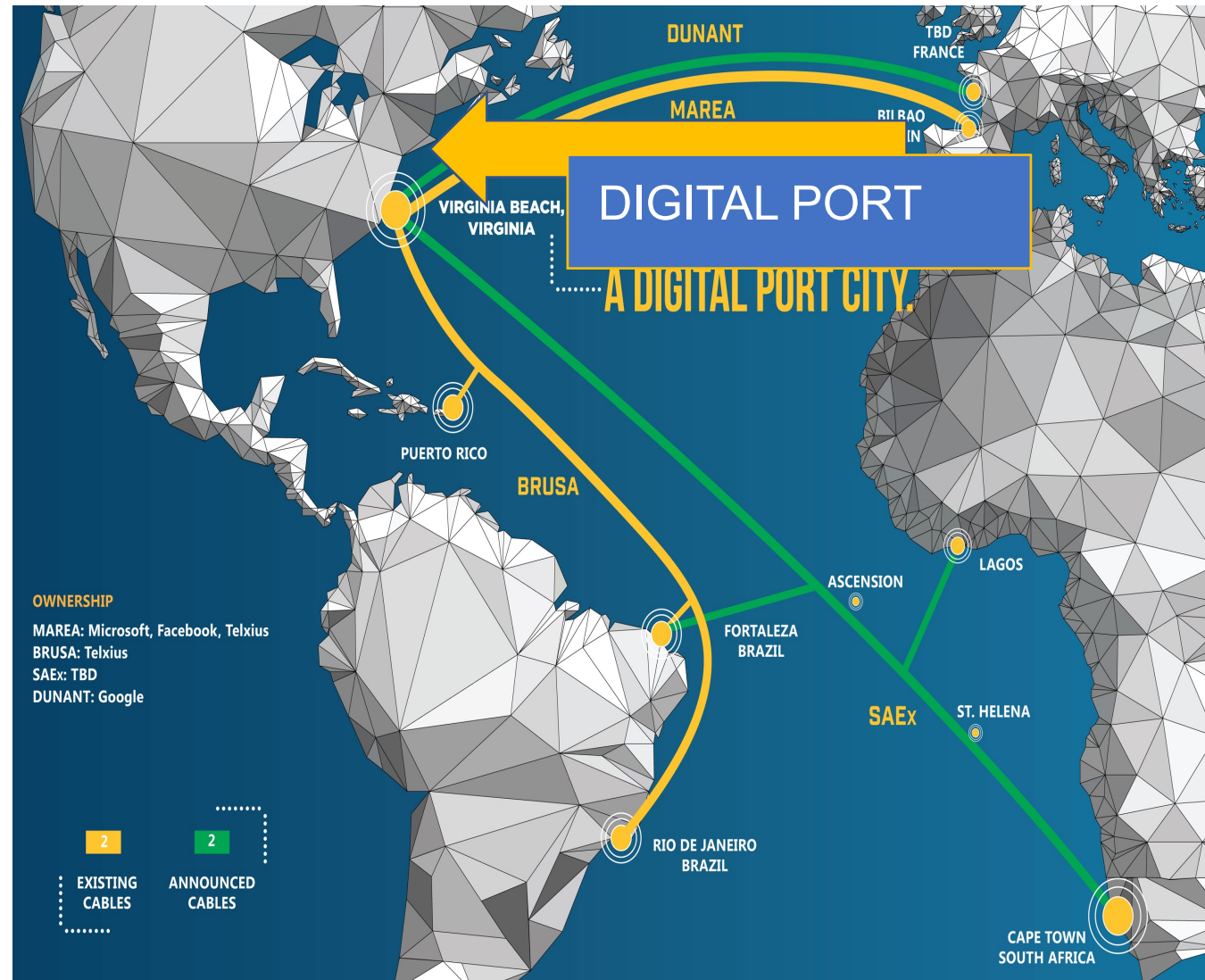
Future: Willoughby Bay Bridge Widening

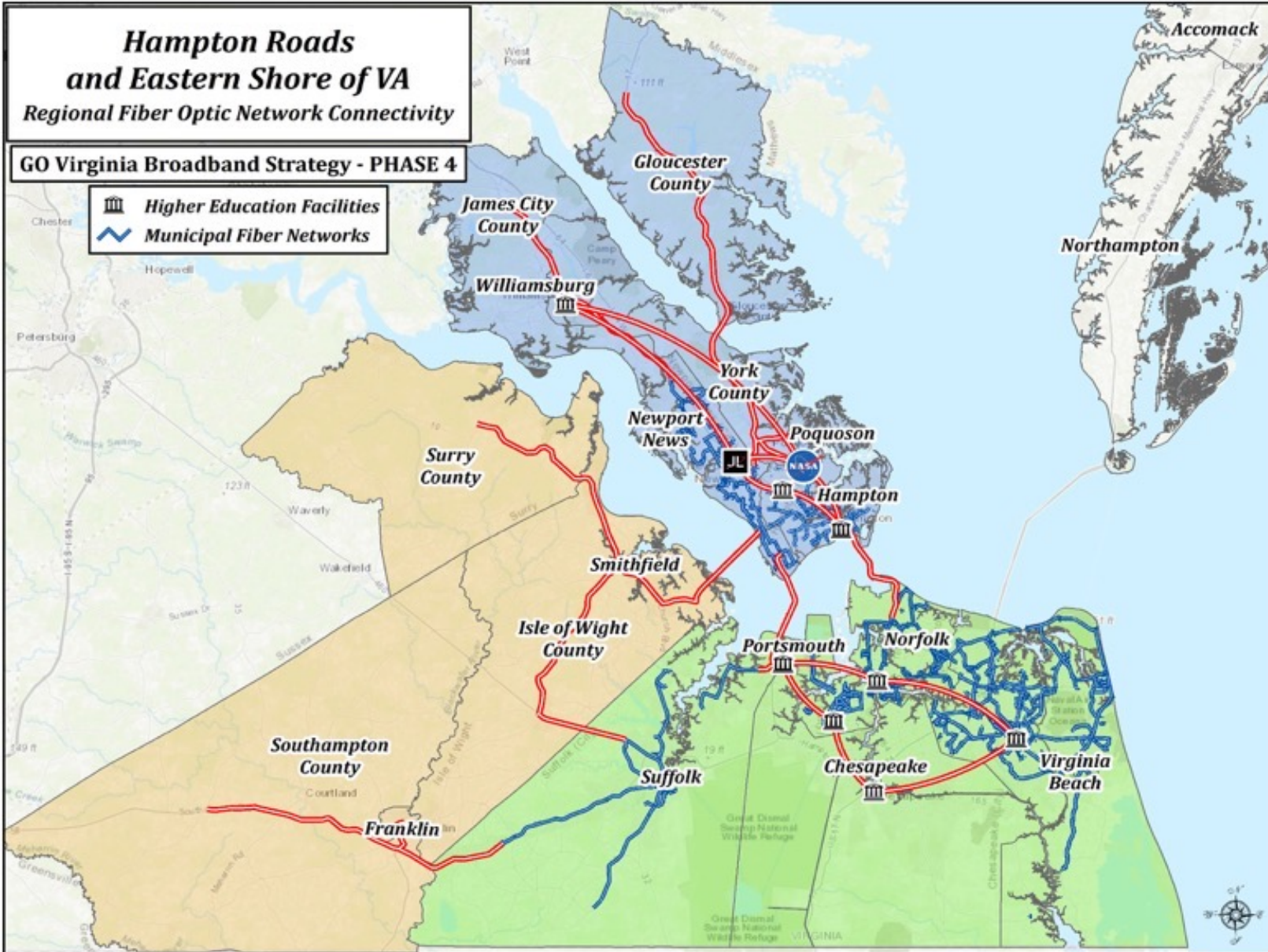


Broadband Update

The Network Ring

- The Network Ring will connect to the Trans-Atlantic Subsea Cables landing in Virginia Beach

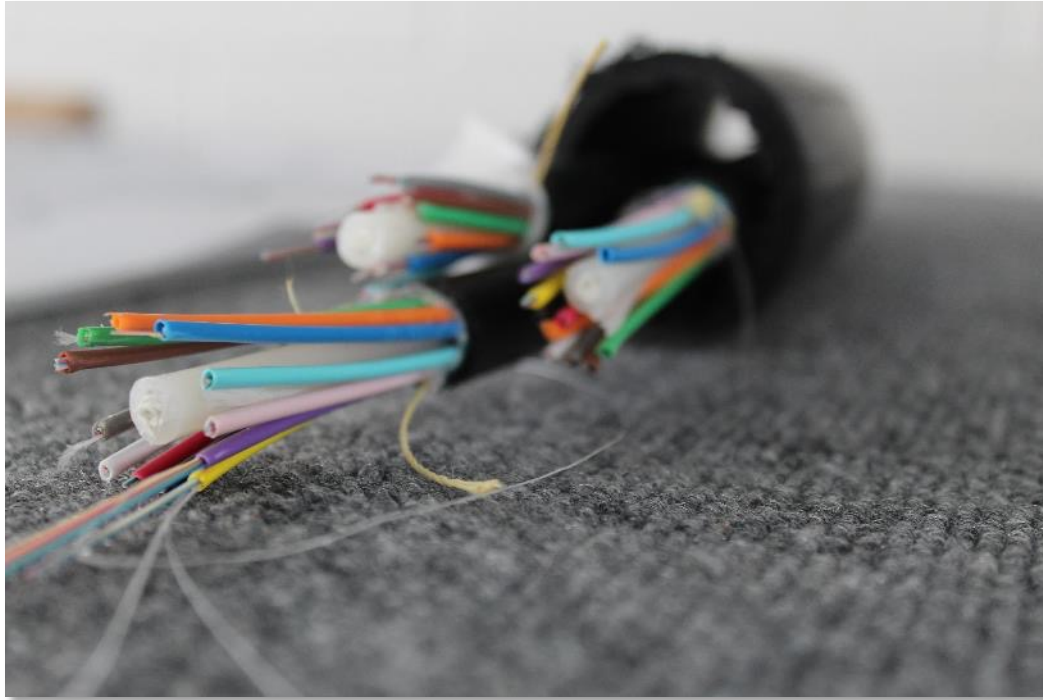




Our Vision

- Ultimately, this will be a **Fiber Optic Network Ring** that will connect our entire 757 Region

Spring/Summer 2022



- 3 Groundbreakings
- Over 3,000 linear miles of fiber under construction

Fiber Ring Groundbreaking

April 6, 2022



Suffolk, Isle of Wight, Southampton July 14, 2022

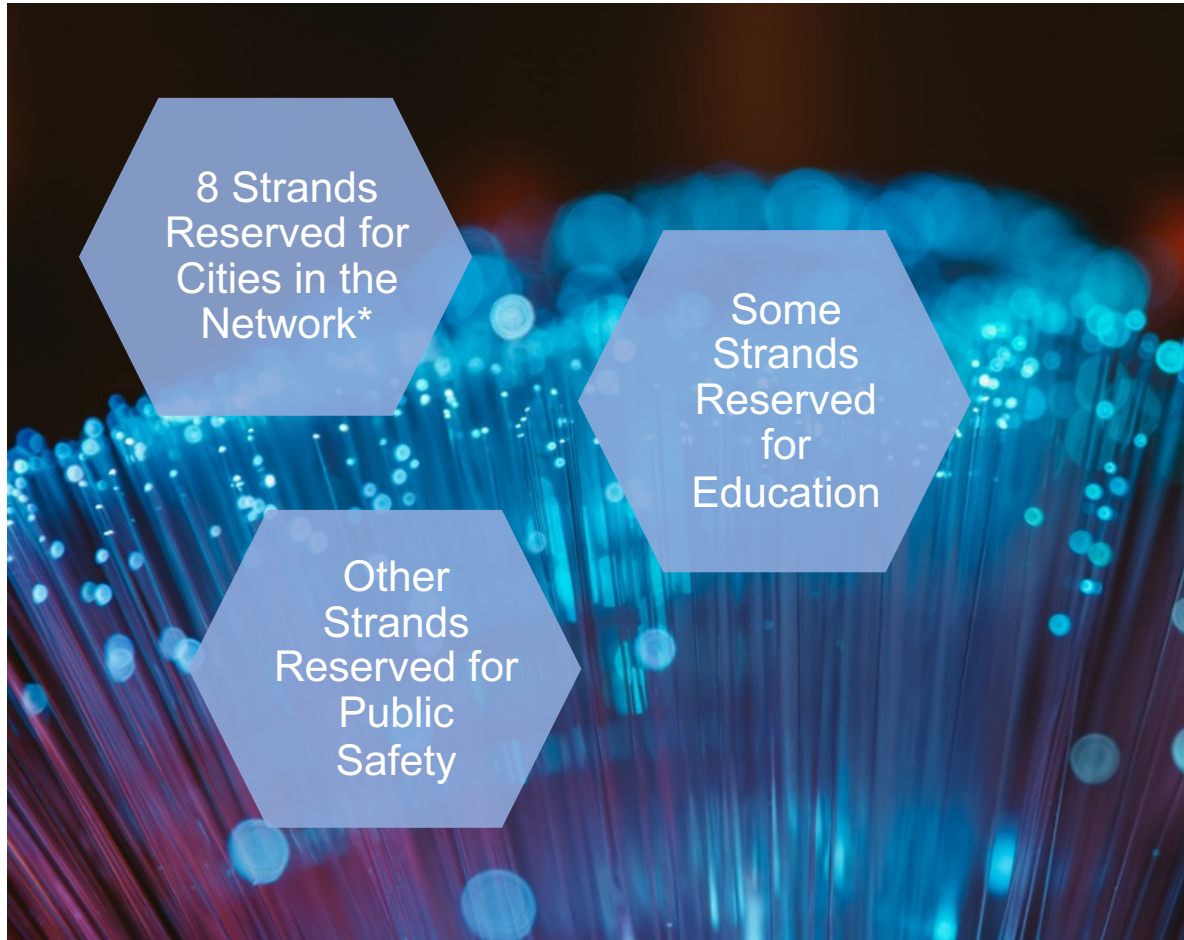


Chesapeake Connects

September 15, 2022

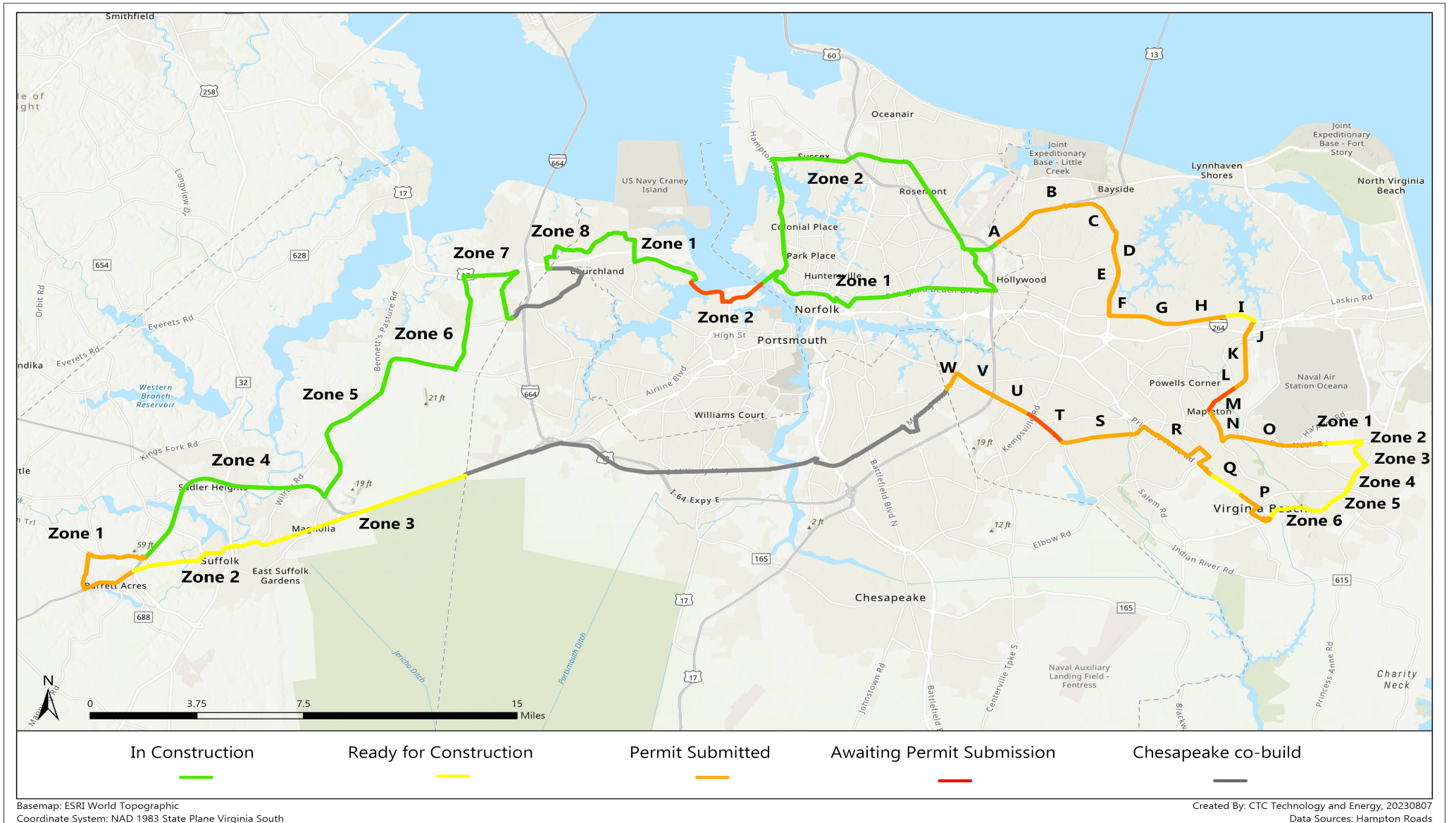


About the Network



- Our digital highway consists of 288 digital strands
- Fiber optics (optical fibers) are long, thin strands of very pure glass about the diameter of a human hair

Project Progress Map



Basemap: ESRI World Topographic
 Coordinate System: NAD 1983 State Plane Virginia South

Created By: CTC Technology and Energy, 20230807
 Data Sources: Hampton Roads



Basemap: ESRI World Topographic Map
 Coordinate System: NAD1983 State Plane Virginia South

Created By: CTC Technology and Energy, 20220805
 Data Sources: CTC Analysis, Client Data

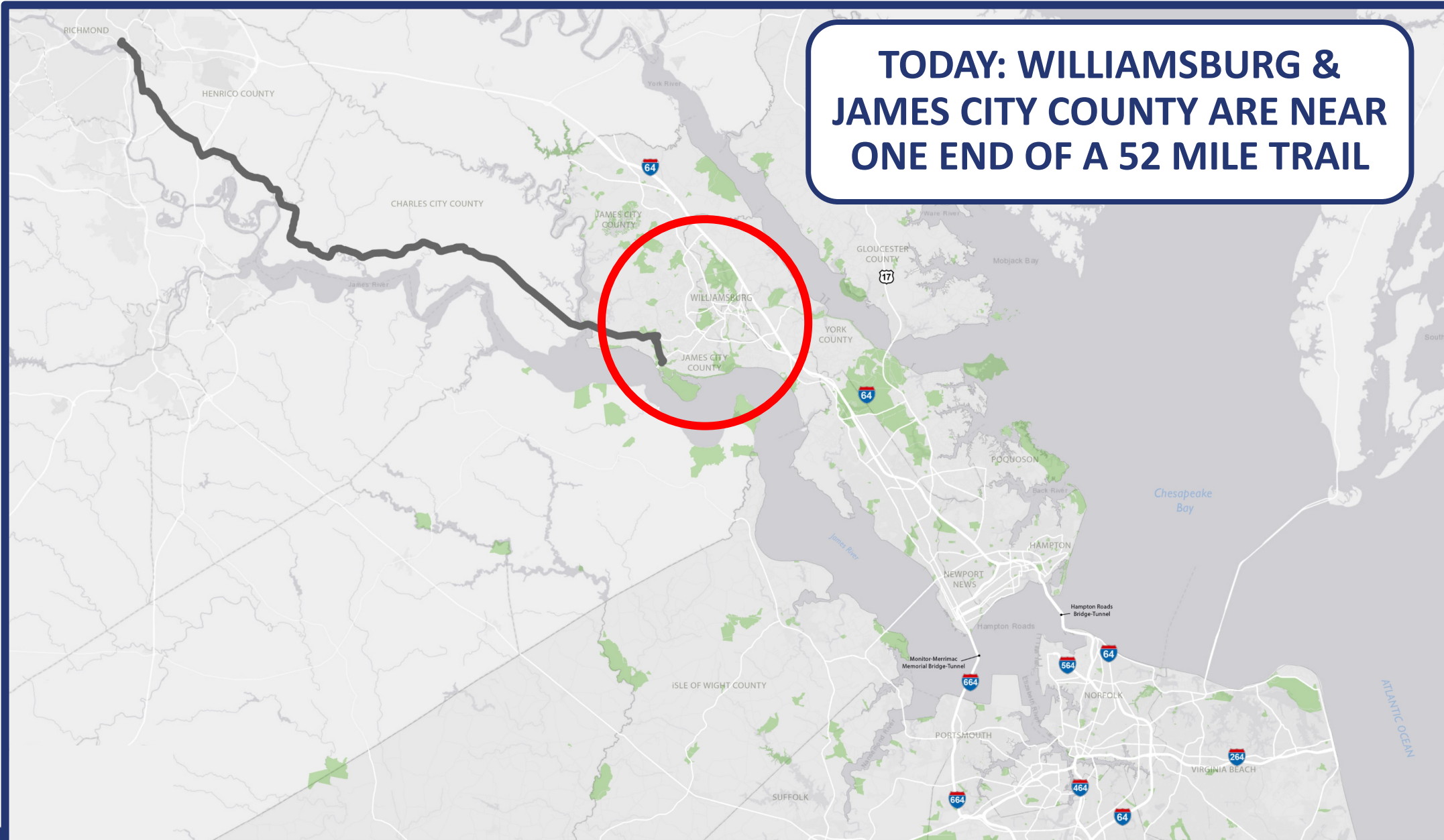


Birthplace of America Trail

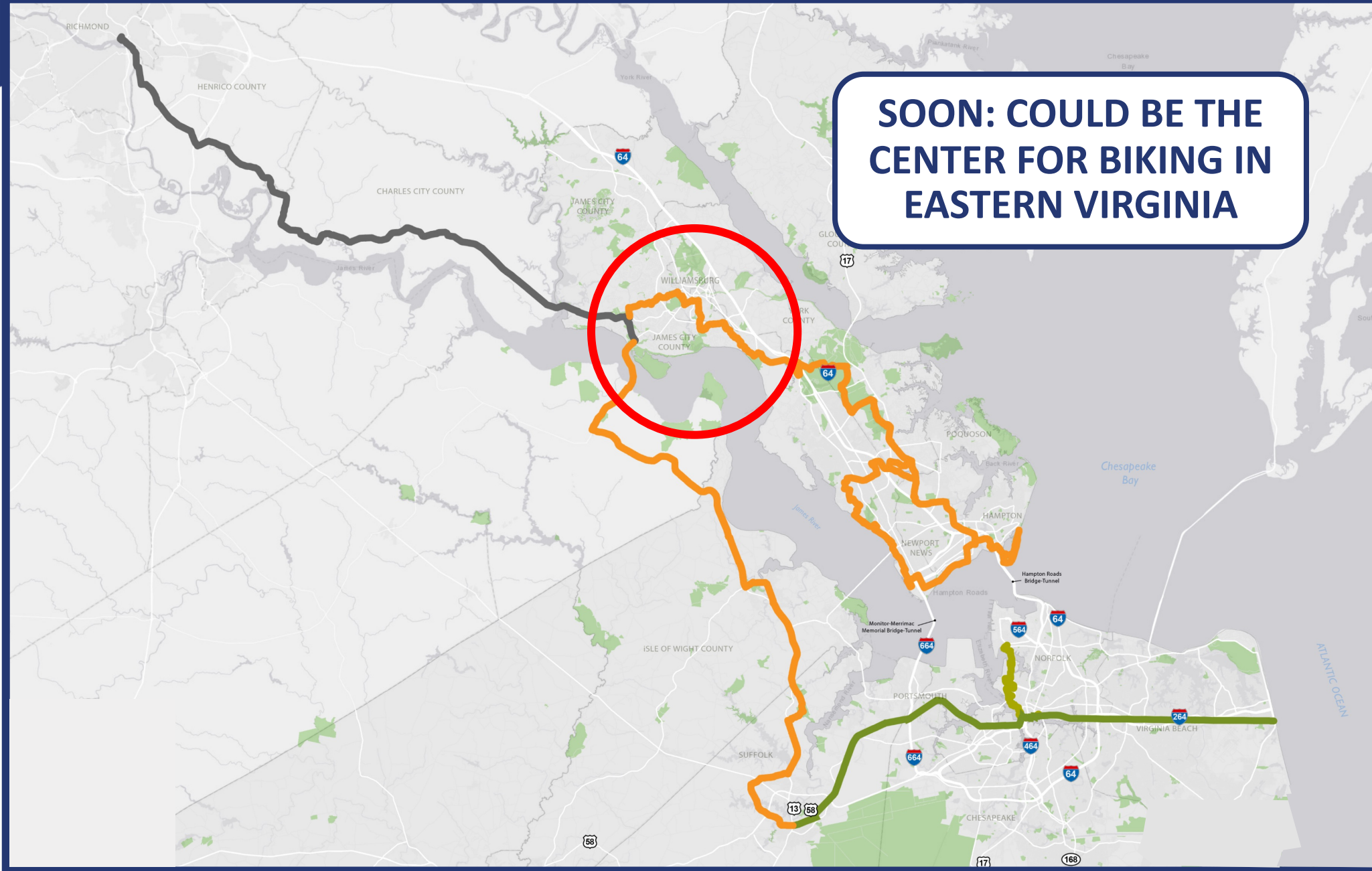
Project Overview, Opportunities, and Update

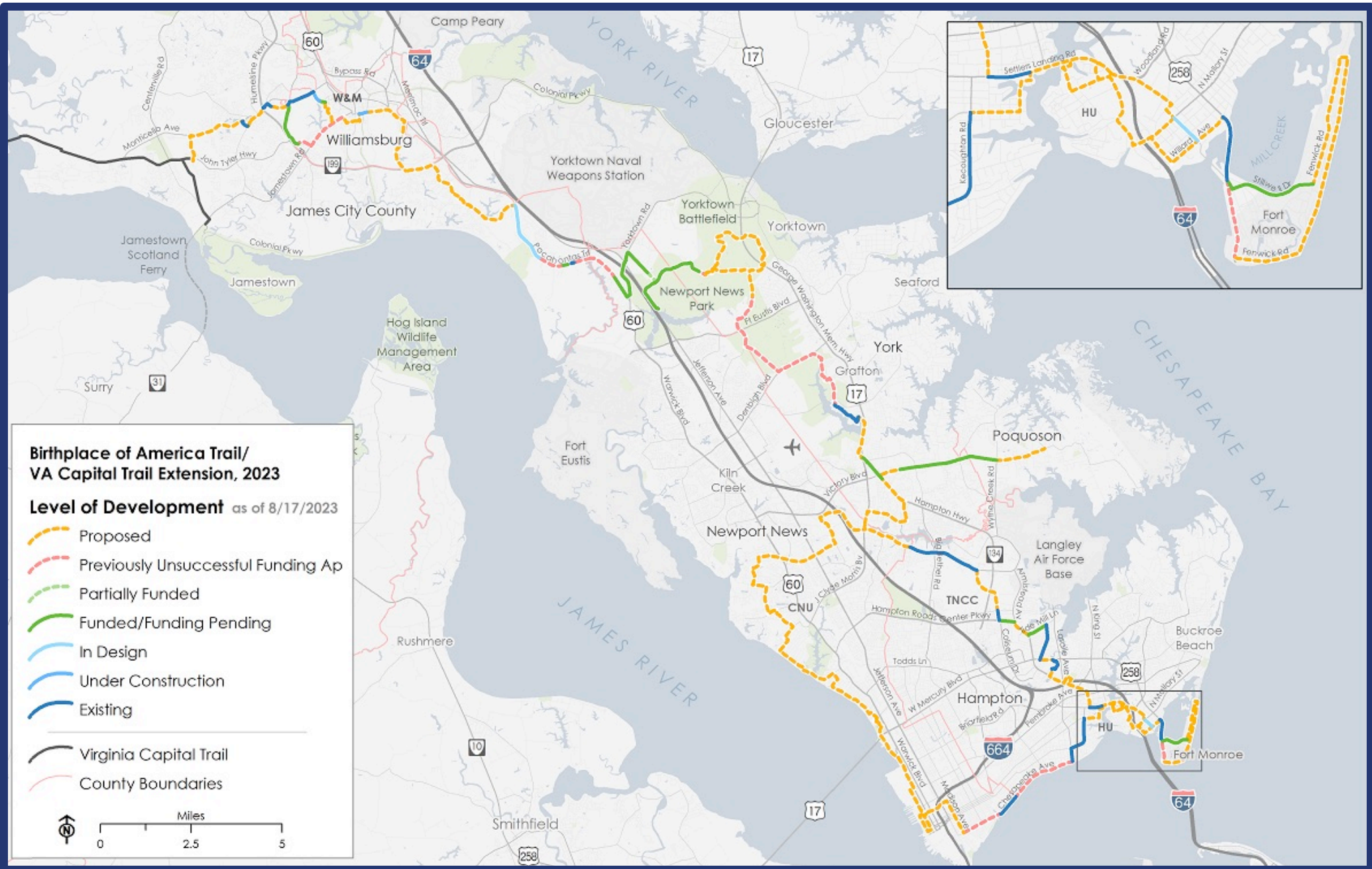
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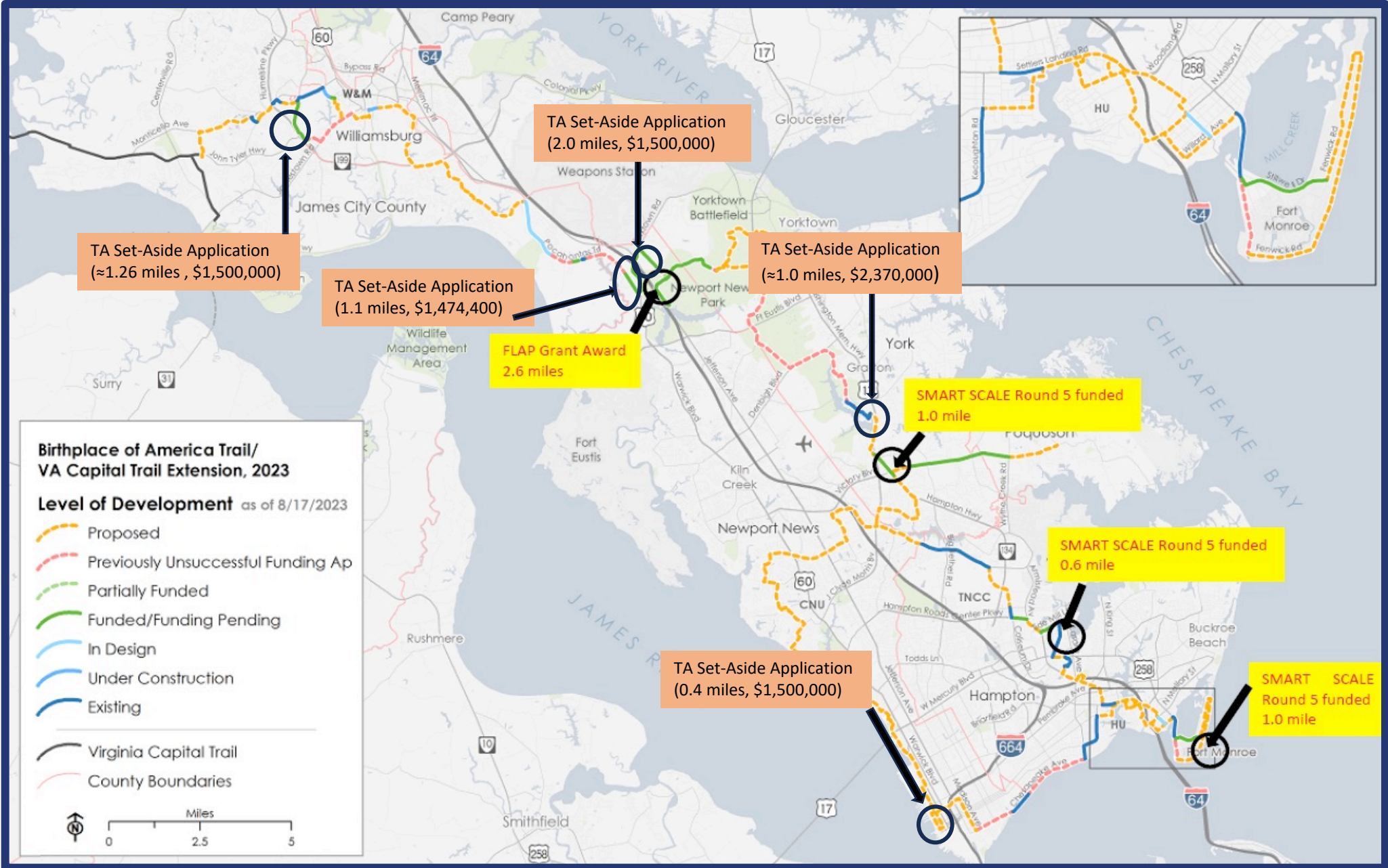
TODAY: WILLIAMSBURG & JAMES CITY COUNTY ARE NEAR ONE END OF A 52 MILE TRAIL



**SOON: COULD BE THE
CENTER FOR BIKING IN
EASTERN VIRGINIA**







Funding Snapshot

Secured

Federal Lands Assistance Program

2.6 Miles

Smart Scale

2.6 Miles

5.2 Miles

Requested

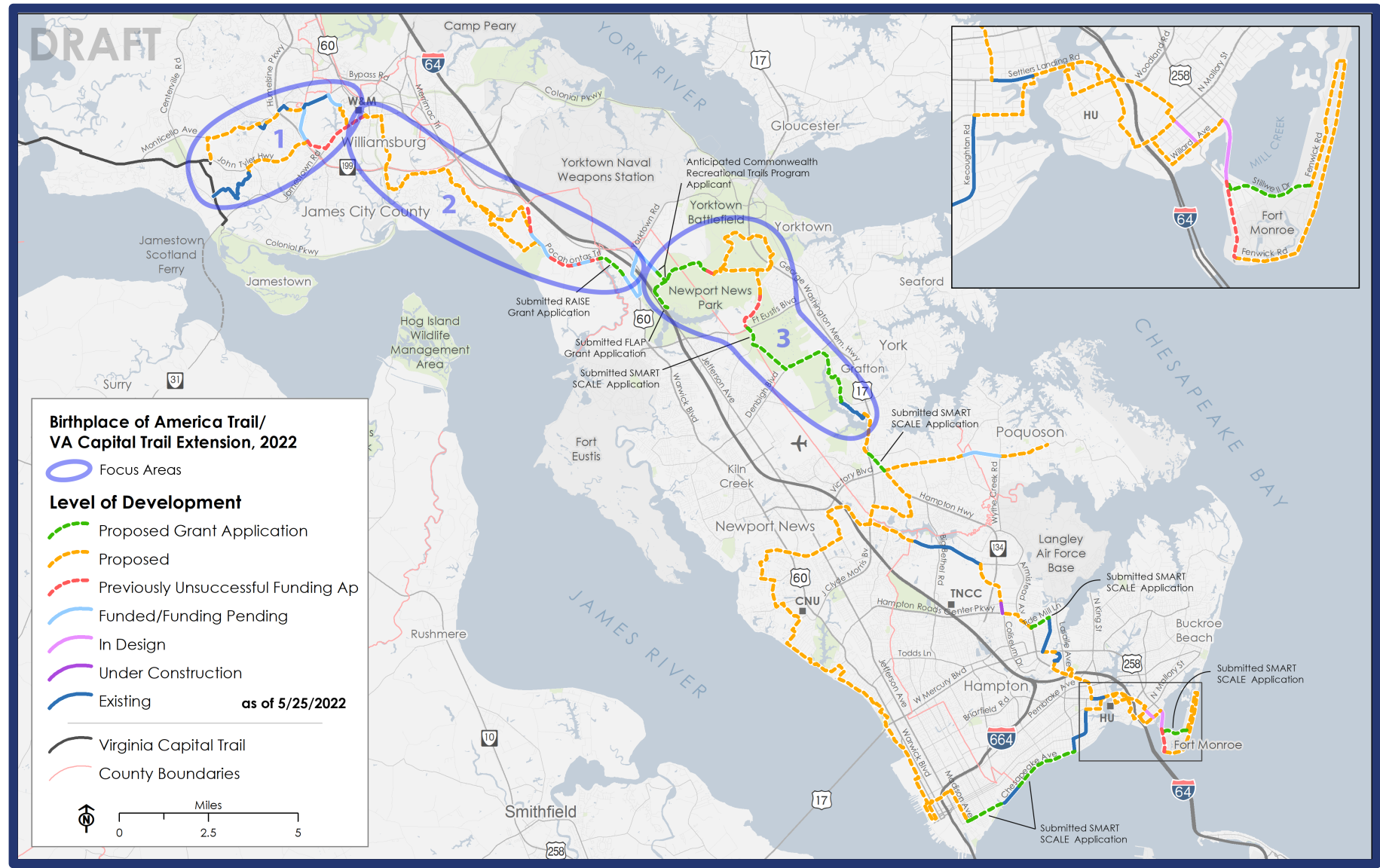
Transportation Alternatives Set-aside

6.86 Miles

TOTAL

12.06 Miles

Priority Segments



Questions/Discussion

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