

November 18, 2019

TRANSPORTATION FUNDING IN NORTHERN VIRGINIA

Performance-Driven Programs to Move the Region

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Northern Virginia has Two Key Regional Transportation Agencies

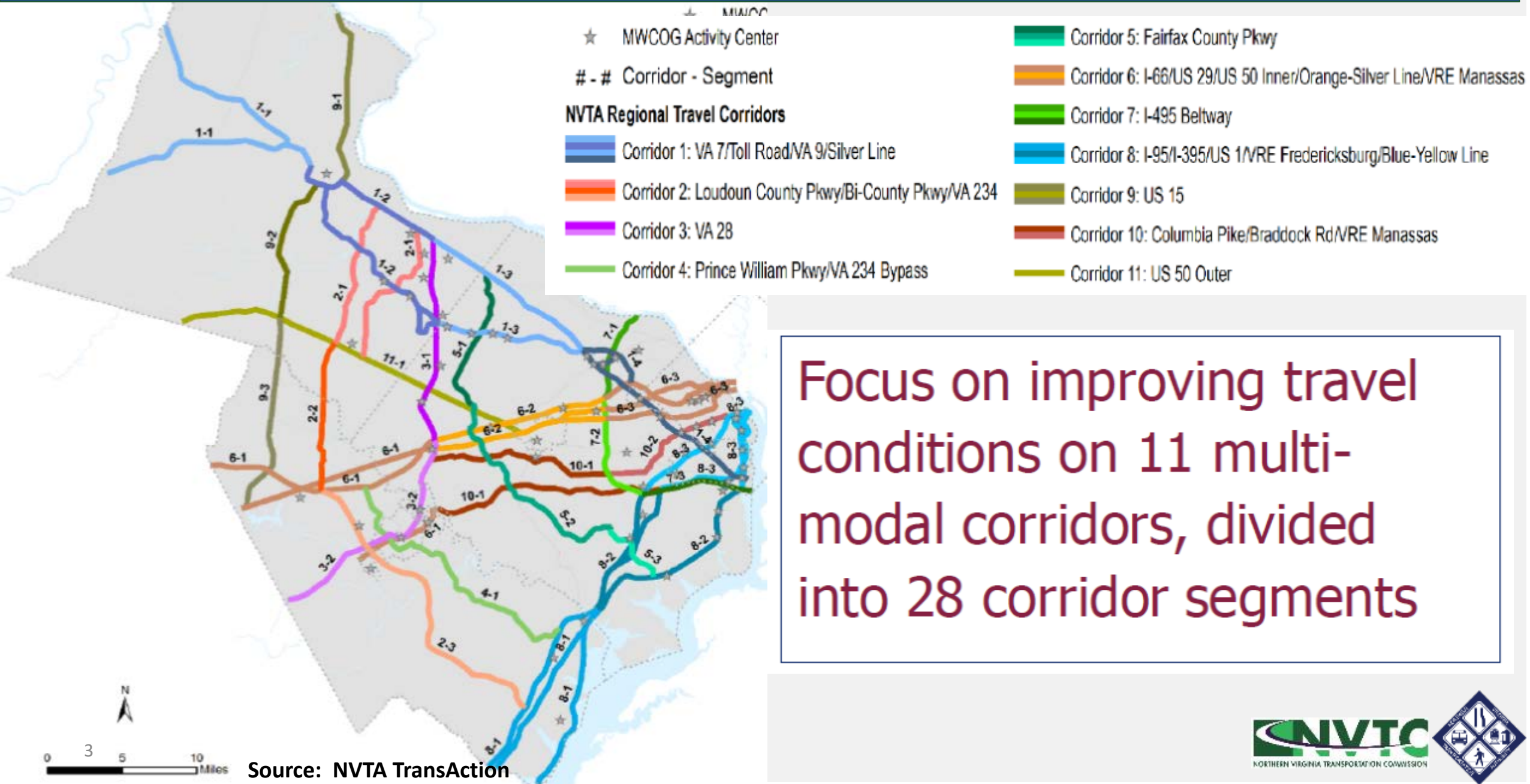


- ✓ 17 Member Board representing Planning District 8
- ✓ Develop and update the long range, multimodal Transportation Plan for Northern Virginia -> TransAction
- ✓ Prioritize and fund regional transportation projects -> Six Year Program

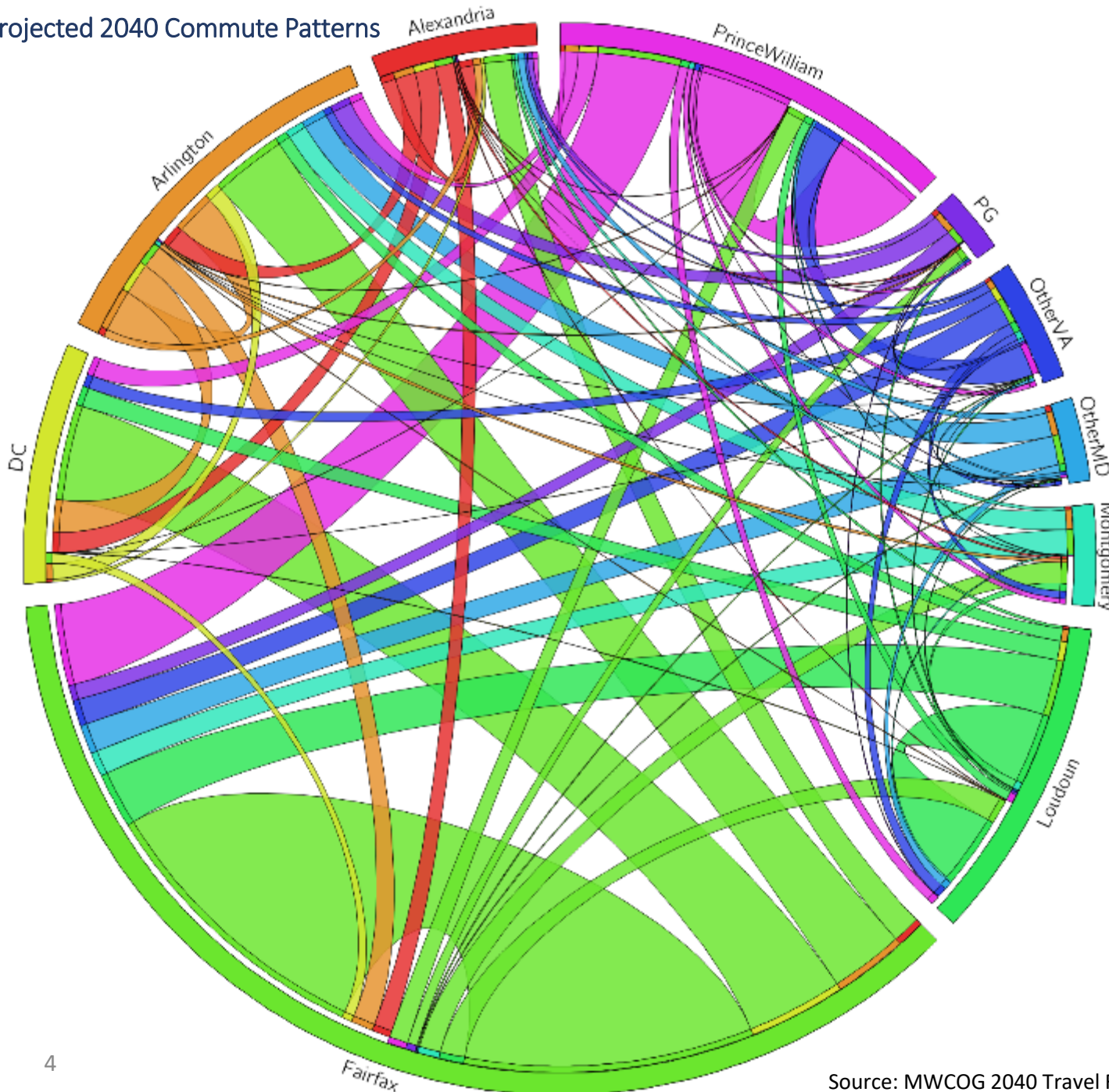


- ✓ 20 Member Board (all Metro funding jurisdictions + Commonwealth)
- ✓ Manage transit funding for WMATA, VRE and regional bus systems, plus Commuter Choice (I66/I-395/95)
- ✓ Coordinate regional transit policy, analysis, and technology

Region's Transportation Network Analyzed by Corridors and Segments



Focus on improving travel conditions on 11 multi-modal corridors, divided into 28 corridor segments



Commute patterns will continue to change.

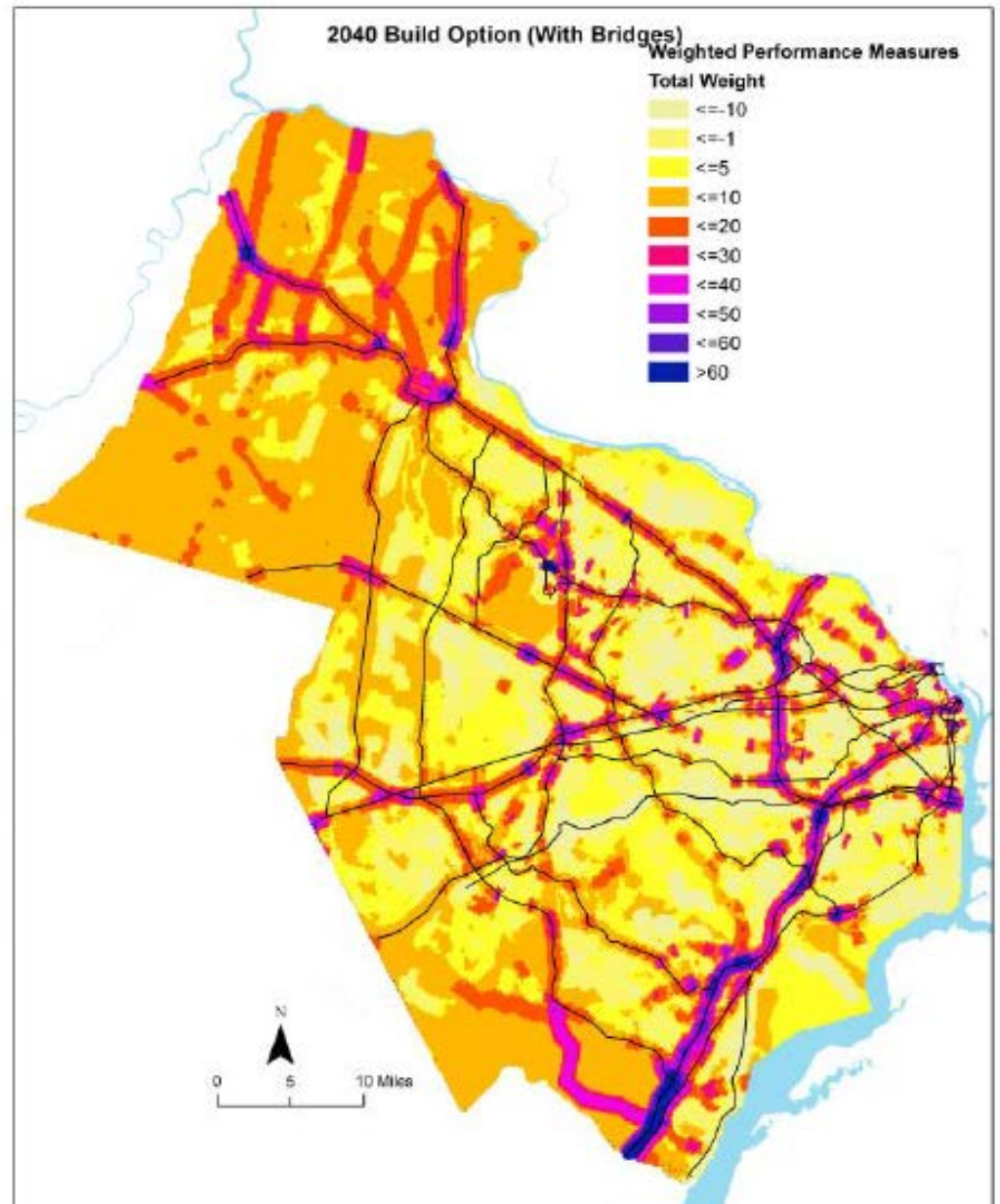
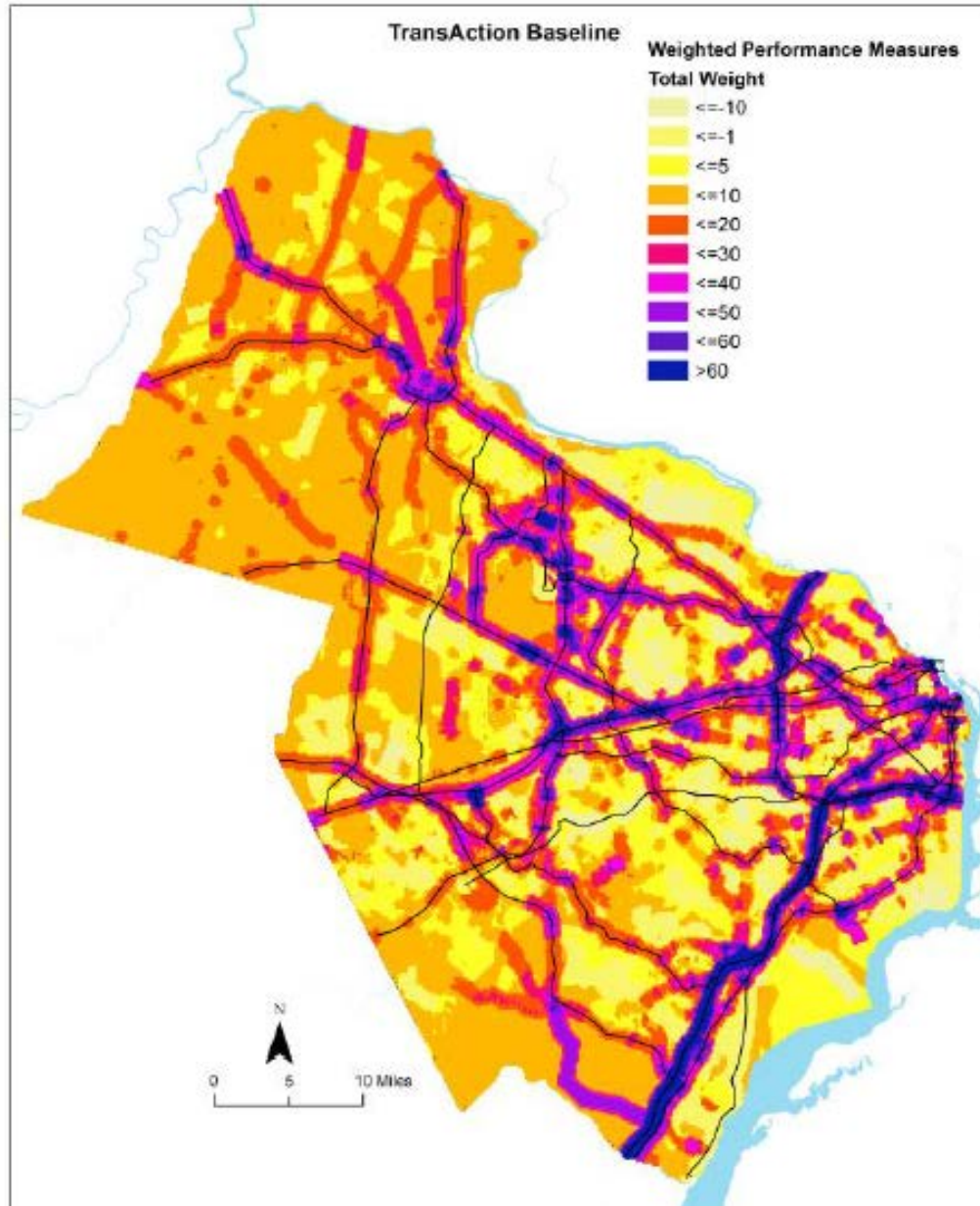
- The origins and destinations graph shows commuting patterns and volume by 2040.
- The patterns and volume define the need for multimodal investments in the region.

By 2040, Northern Virginia will experience:

- ✓ 24% increase in Population
- ✓ 37% increase in Employment
- ✓ 2x increase in Transit Crowding
- ✓ 3x increase in Person Hours of Delay



And congestion in the region will continue to increase.



Source: NVTA



Trucks carry

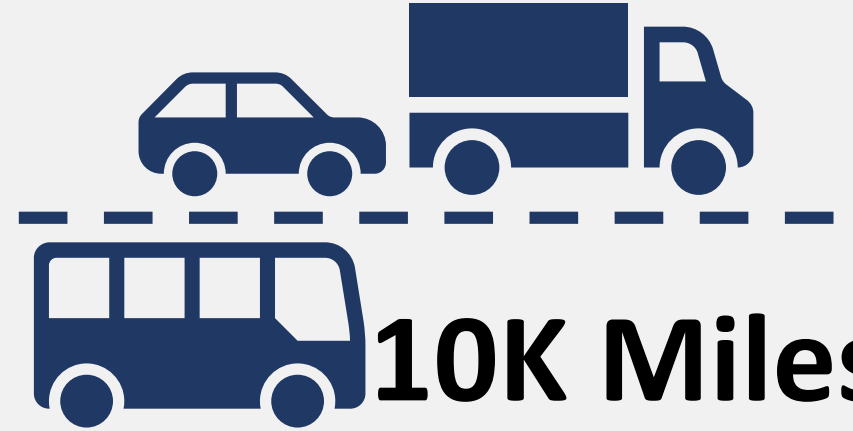
75% of the freight tonnage
within Virginia



Transportation
is the lifeline of
Northern
Virginia

100 Miles

Highway and Express Lanes



10K Miles

Arterial and Local Roads



400+ Miles

paved and unpaved trails, bike
lanes, and bikeways

81.5 Million

Transit
Trips



200+ Transit Routes

10

Public
Transit
Providers

DCA / IAD each serve

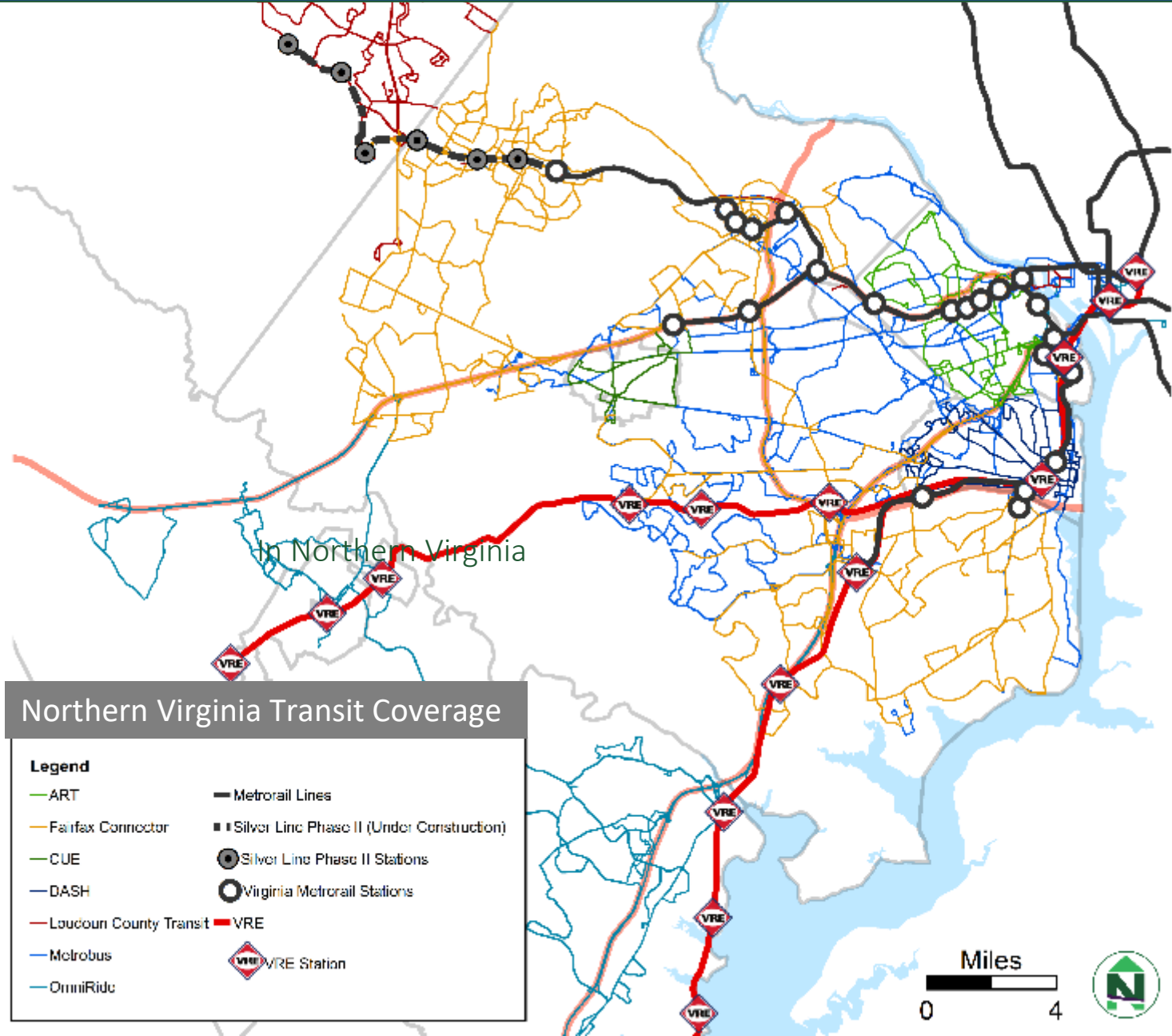
20+

Million

passengers annually.



Transit is Integrated In NoVa Localities



65%
households are
within ¼ mile
of transit

846K
jobs are within
a ¼ mile of
transit

Evaluating the Needs of the Region

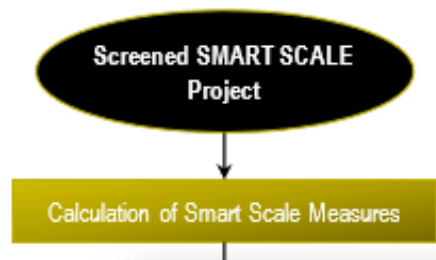


Project Evaluation and Selection Process

Public Input
Regional Plans
Performance Based Metrics
Quantitative Criteria
Qualitative Considerations
Public Input

Detailed Process-Performance Metrics, Analysis of Data, Public Input

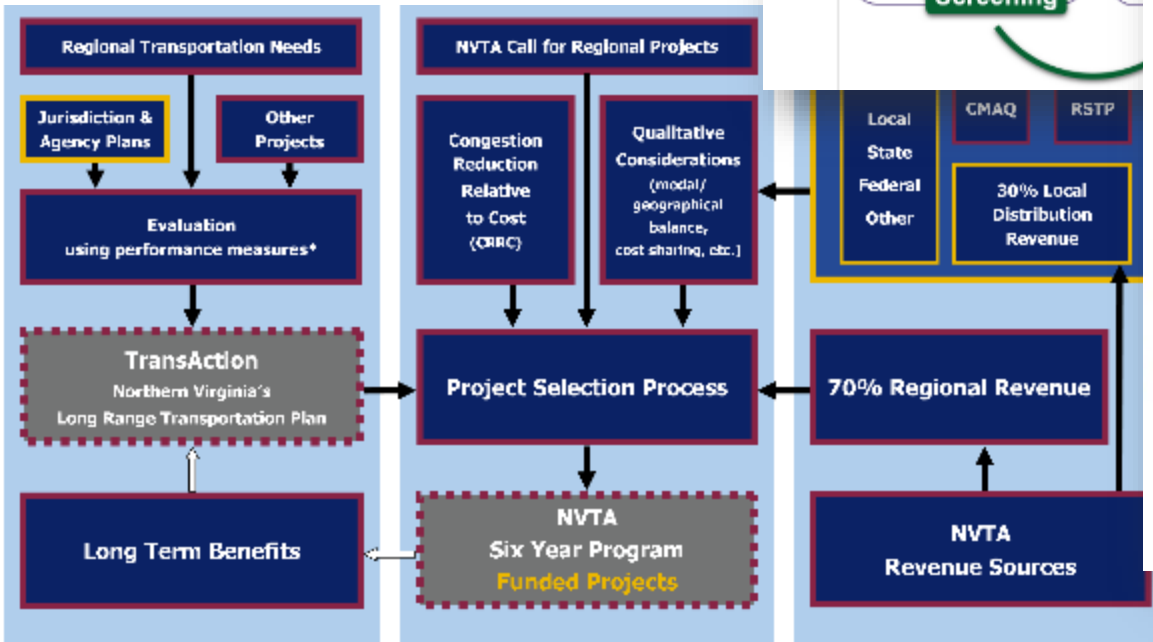
VDOT/DRPT Smart Scale



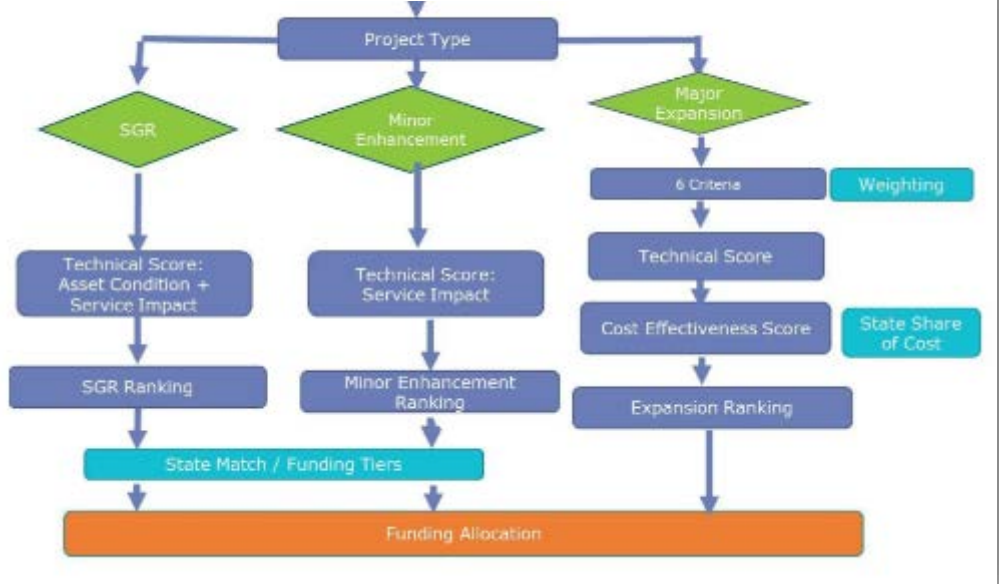
NVTC Commuter Choice



NVTA Six Year Program



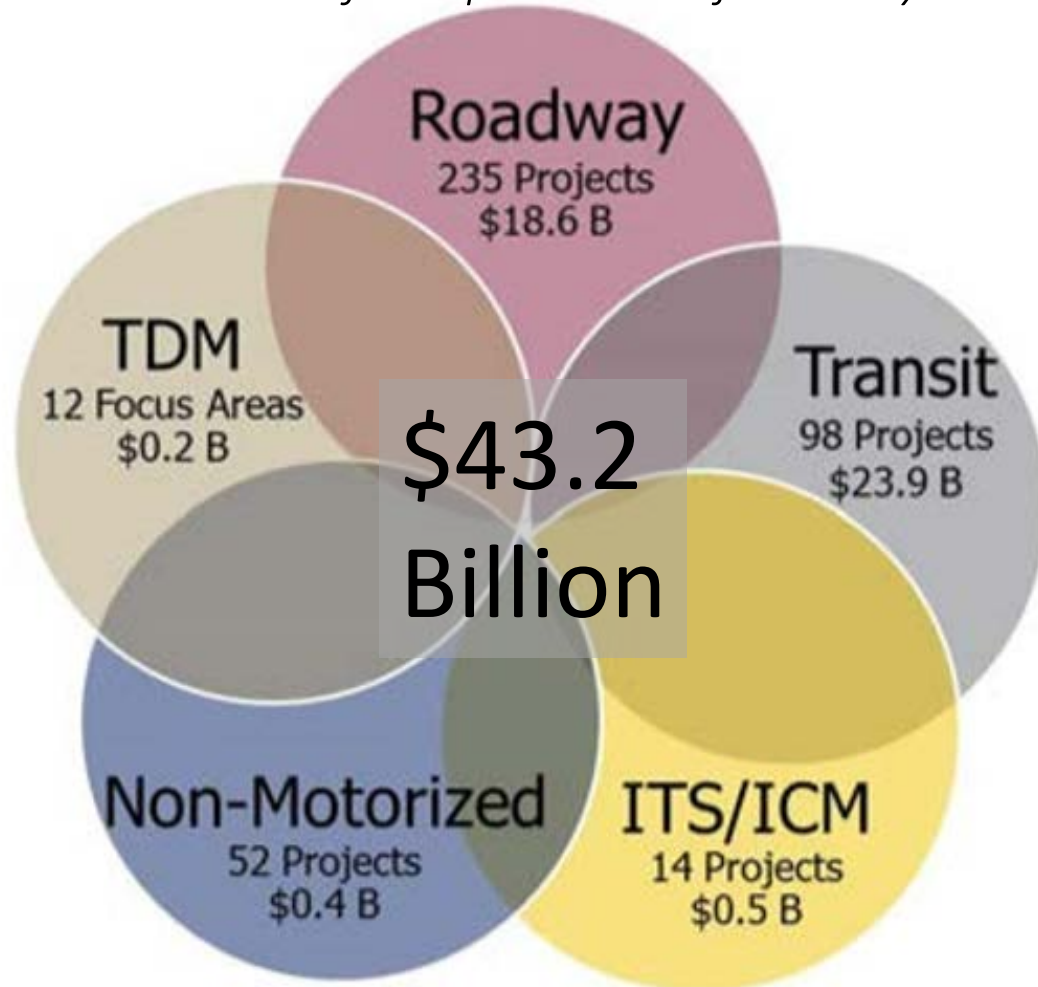
DRPT Transit Capital Program



Transportation needs continue to outpace available funding.

Northern Virginia's TransAction Plan

Needs for Expansion Projects Only



Which doesn't even include:

Maintenance and Repairs

- Roadway Maintenance
- Transit Vehicle Maintenance
- Station Improvements

State of Good Repair

- Roadway
- Vehicle Replacement
- Technology Upgrades

Ongoing Operations

- Police Enforcement/Safety/Roadside Support/Snow Removal
- Transit Services
- TDM (i.e., traveler Information, carpool/vanpool incentives)

Leveraging
funding
opportunities is
key to keeping
Northern
Virginia moving





The Northern Virginia Transportation Authority funds regional, multimodal transportation projects that reduce congestion.



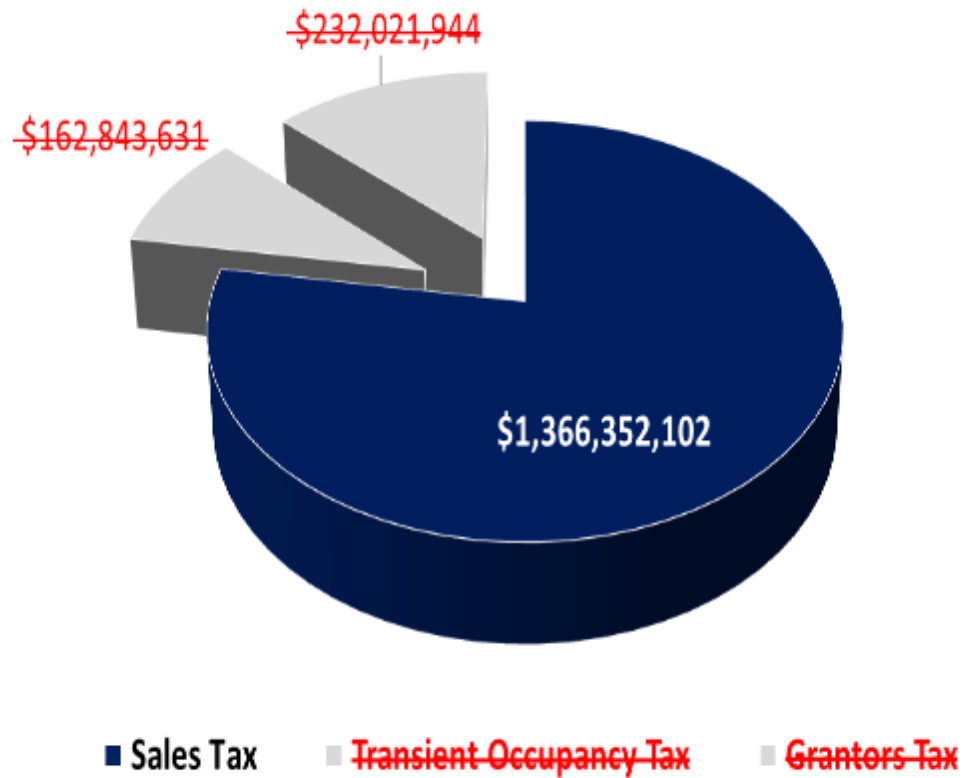
- **4 Funding Programs**
- **94 Regional Multimodal Transportation Projects**
 - totaling **\$2 Billion**
- **FY2018-2023 Six Year Program: 44 projects**
 - totaling **\$1.3 Billion**
 - **\$2.5 Billion** requested
- **FY2020-2025 Six Year Program**
 - **ESTIMATED \$400 Million available** for FY2024-2025
 - **Project Applications Received: 46 projects**
 - **\$1.7 Billion** in requests
 - **Anticipated NVTA action June 2020**



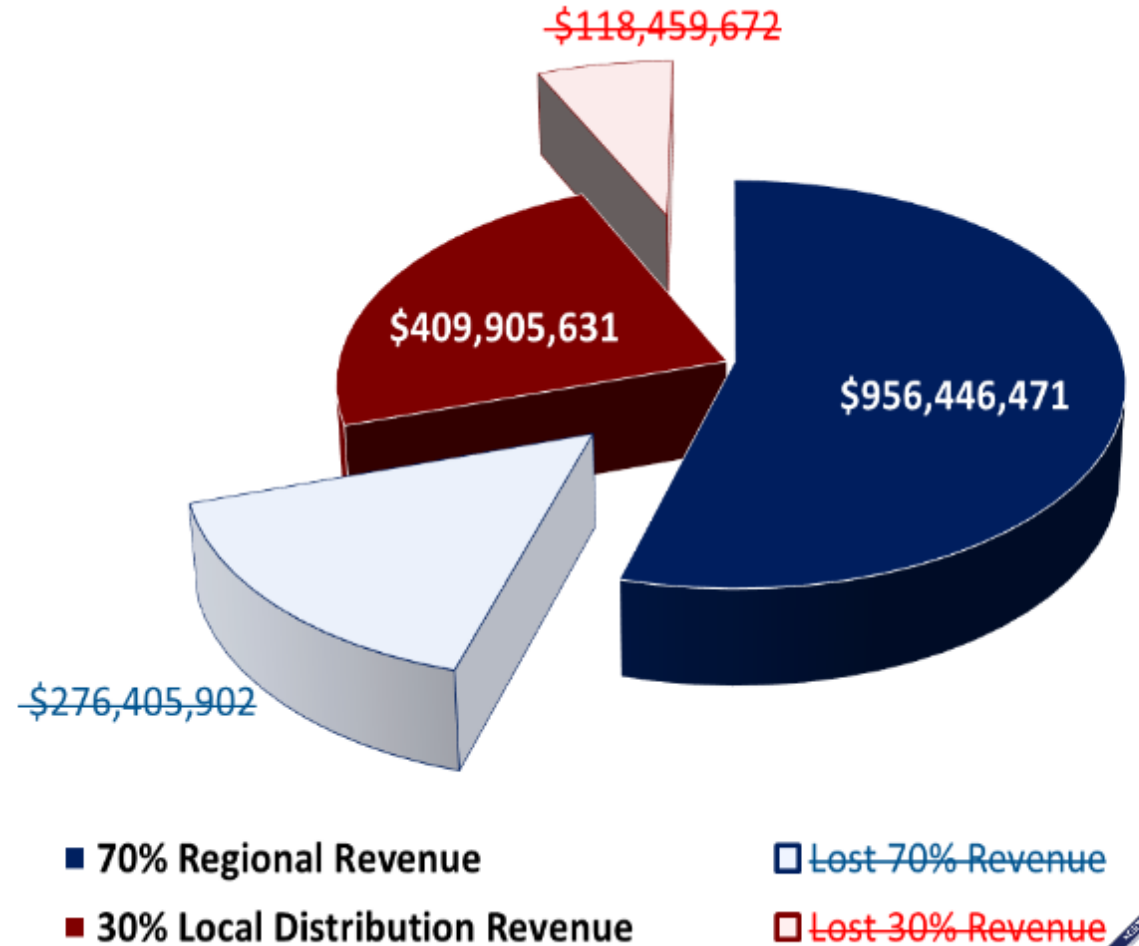
Diversion of Revenues



FY2019-2023 Estimated Revenue Breakdown by Tax Type: REVISED



FY2019-2023 Estimated Revenue Allocation REVISED





SB 1716 (2019) and HB 2718 (2019)

- Legislation to dedicate funding to Interstate 81 (I-81) improvements resulted in new revenue for NVTA.
 - Dedicated funding: as much as **\$20 million** annually for NVTA
 - FY20 - \$9.3M
 - FY21 - \$13.7M
 - FY22 - \$20M
 - **\$20M** – Down payment on Authority restoration

***Restoration of Long-Term Funding to the Authority**



Regional Revenues Making A Difference Economic Impact Analysis of HB 2313



Economic Impacts of

\$3 BILLION¹

in Regional Funding through the

NORTHERN VIRGINIA TRANSPORTATION AUTHORITY


This study was completed by Richmond, VA-based Chmura Economics & Analytics.


The study period analyzed is FY2014-FY2024.


¹ NVTA FY2014-FY2024 Actual and Estimated Revenues



Key Takeaways

Creating Jobs  Of the **26,000** jobs created through NVTA project funding, **90%** are staying in NoVa, adding to the tax base and ensuring the future growth and vitality of the region.

Saving Travel Time  NVTA's projects are expected to save Virginia citizens **209** million hours of travel time, or **\$3.1** billion dollars in monetary savings, giving the taxpayers more than **100%** return on the taxes they entrust to NVTA.

Triggering Momentum  NVTA's funding of **\$1.9** billion in 95 multimodal regional projects has triggered another **\$3.8** billion in additional investments. **\$5.7** billion in critical transportation projects to NoVa

The taxes paid by Northern Virginians to NVTA, benefit the entire Commonwealth through increased economic activity.

Regional Revenues Making a Difference 2019 Groundbreakings/Ribbon Cuttings



4 Groundbreakings:

- OmniRide W. Maintenance and Bus Storage Facility (PRTC)
- Rt. 7 Widening (Fairfax Co.)
- W. Falls Church Multimodal Transportation Project (City of Falls Church)
- Rt. 7/Battlefield Pkwy Interchange (Town of Leesburg)

3 Ribbon Cuttings and/or Completions:

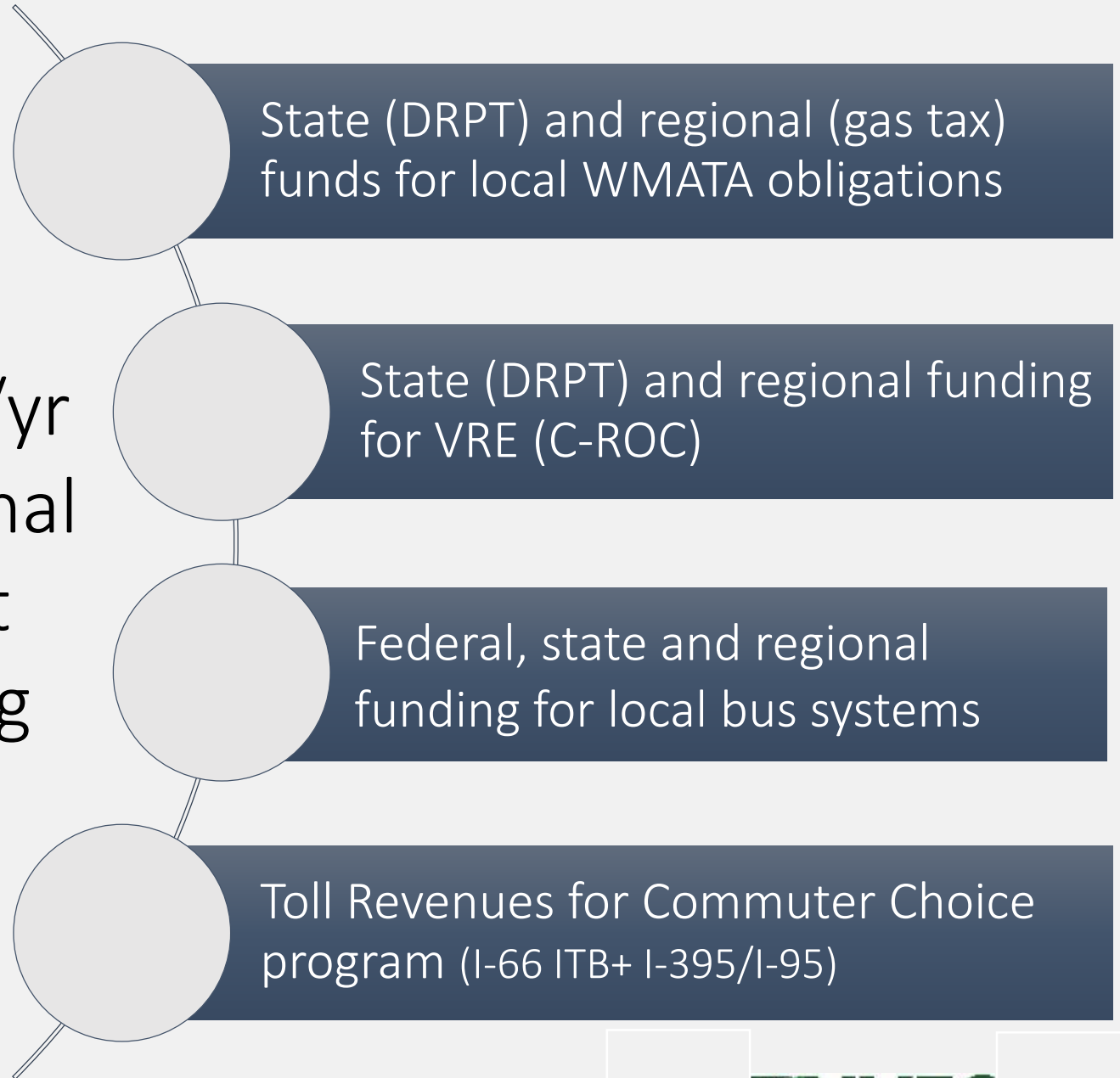
- Northfax Intersection Improvements (City of Fairfax)
- Rt. 28 Improvements (Prince William Co.)
- Slaters Lane Rail Crossover (VRE)





The Northern Virginia Transportation Commission administers regional, state, and federal funding for transit capital and operations.

\$300M/yr
in regional
transit
funding



NVTC Articulates Priorities to WMATA

- ✓ Demonstrate accountability to Virginia's investment
- ✓ Control operating costs (<3% annual growth)
- ✓ Increase system ridership/revenue
 1. Maximize use of 8-car trains
 2. Improve weekend rail service
 3. Develop parking pass products
 4. Optimize parking facilities
 5. Expand fare products



NVTC Fosters an Integrated Approach to our Transit Network

NVTC actively coordinates Northern Virginia's bus and rail agencies on a range of operational and planning issues

6

Bus Systems

90

Miles of Commuter Rail

25

Virginia Metrorail
Stations

200+

Local and Express Bus
Routes



Regional Transit Coordination

Mobile ticketing / fare
box technologies

Bus service optimization

Envision Route 7 BRT

Transit performance
measures

Metro station shutdown
response

NVTC's Commuter Choice Program Reinvests Toll Revenues

Invested \$60M (46 projects) on I66 & I395/95 Express Lanes

- ✓ Taking 9,000 cars off the road each day
 - ✓ Connecting 30 activity centers across Northern Virginia and the District of Columbia
 - ✓ To date, removed 1+ million annual hours of delay from commuters
-
- 12 new express bus routes (9 new routes on I-66 and 3 new routes on I-395/95)
 - Added service to 12 existing routes (7 new routes on I-66 and 5 new routes on I-395/95)
 - Helped construct Stone Ridge Park and Ride lot
 - Set up Capital Bikeshare programs near existing transit hubs
 - Funded bus amenities, including significant ADA-compliant upgrades



Key Takeaways

- Transportation funding is a **collaborate effort** across all levels of governments
- **No single funding program** can meet the needs of a growing Northern Virginia
- **Projects are funded based on performance metrics**
- **Construction costs are unpredictable**
- With reduced revenues but increasing transportation needs, **we will always need your help**

Questions? PLEASE CONTACT US!



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Or contact your local jurisdiction