



## **TransAction Update: Overview and Findings**

**Keith Jasper, NVTA**  
*June 21, 2017*

# Transportation Funding for Implementing Long Range Transportation Plan

## HB 2313 (2013)

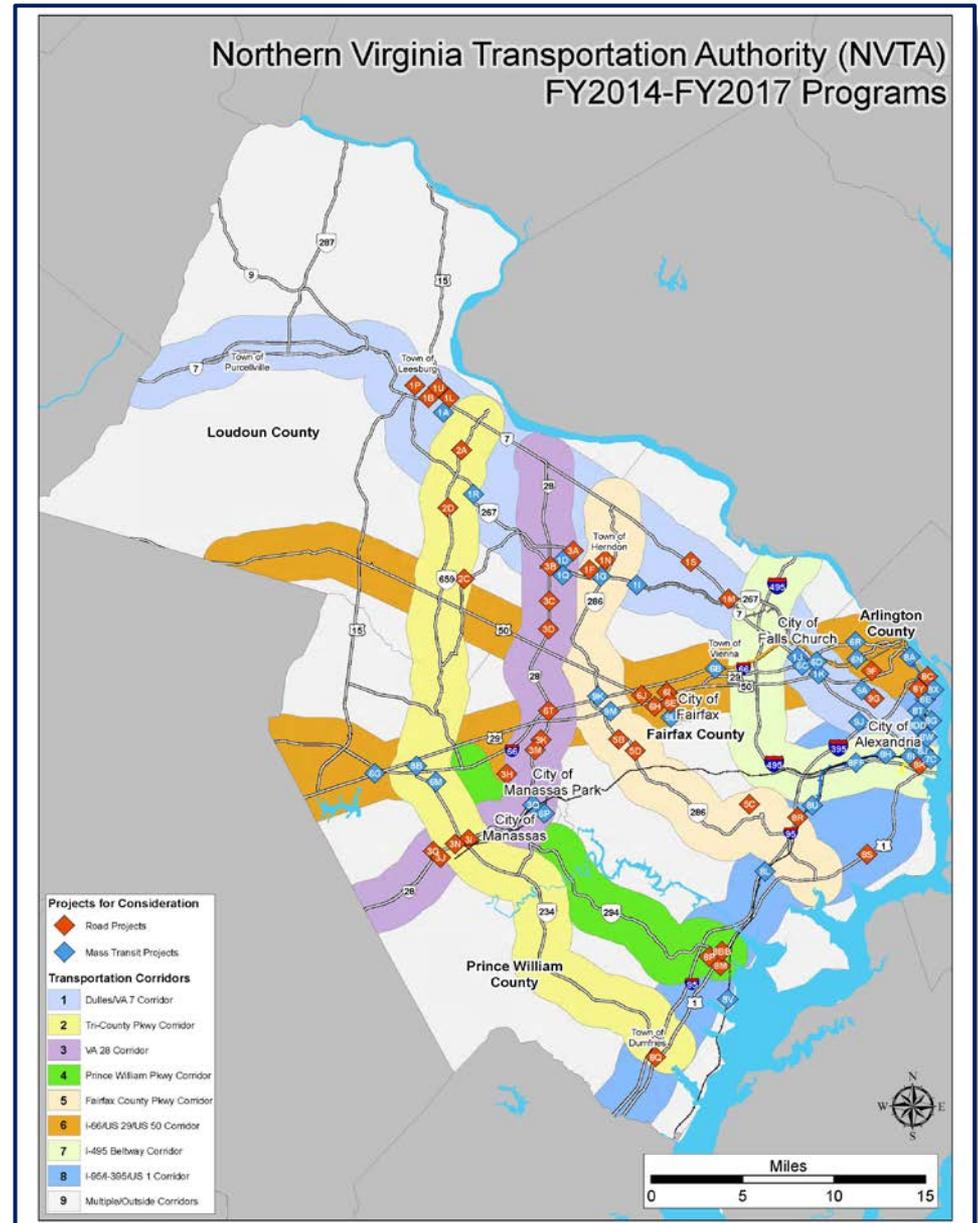
- **70% (Regional funds) will be provided to the Northern Virginia Transportation Authority and utilized for:**
  - Regional projects included in TransAction 2040, or updates, that have been evaluated by VDOT for congestion reduction (HB 599);
  - The Authority shall give priority to selecting projects that are expected to provide the greatest congestion reduction relative to the cost of the project.
- **30% (Local funds) will be distributed to the individual localities and utilized for their transportation needs**

*\*HB 2313 originally estimated to generate approximately \$300 million annually*

# Regional Transportation Investments Funded in Three Years

**79 Projects**

**\$990 Million Total**



# Long Range Planning Responsibility

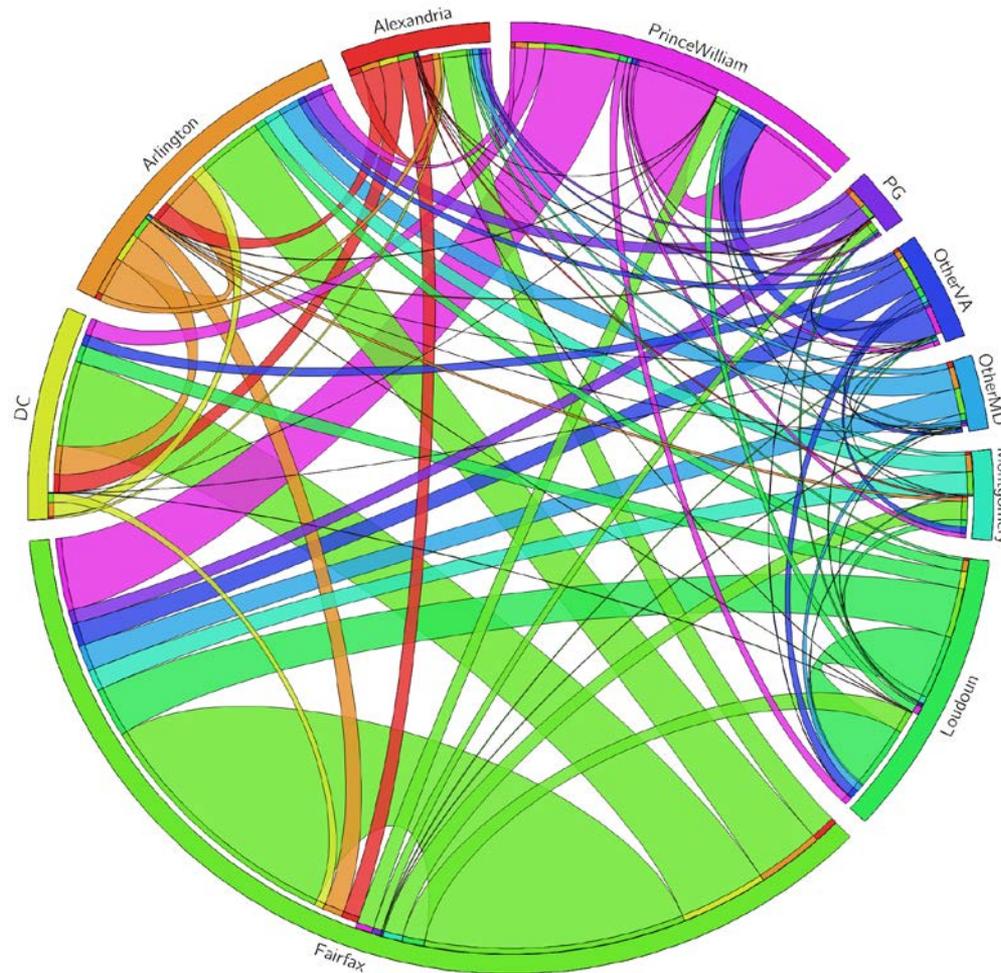
- NVRTA is legislatively required to prepare a long range regional transportation plan for Northern Virginia that includes transportation improvements of regional significance...
- Northern Virginia 2020 Transportation Plan Adopted by TCC July 1999
  - Total Cost \$9.7B
- TransAction 2030 Adopted July 2007
  - Total Cost \$15.4B
- TransAction 2040 Adopted November 2012
  - Total Cost \$23.2B

*\*costs for capital investments only*

*\*developed by the Transportation Coordinating Council*

# Jurisdiction Origins and Destinations

## 2040 Commute Patterns



Source: MWCOC 2040 Travel Forecasts, Round 9.0 Land Use

# Draft Plan

Total Projects in Draft Plan	Draft Plan Cost Estimate including ROW (\$B)*
358	\$44.1

Project Type	Total Projects**	Project Cost FY17 (\$M)
Roadway	239	\$19,831
Transit	99	\$23,293
Non-motorized	51	\$3,543
ITS <sup>1</sup> / ICM <sup>2</sup>	15	\$1,570
TDM <sup>3</sup>	3	\$170

\* Cost estimates are for entire projects, regardless of potential funding sources

\*\* Projects can be categorized as multiple types

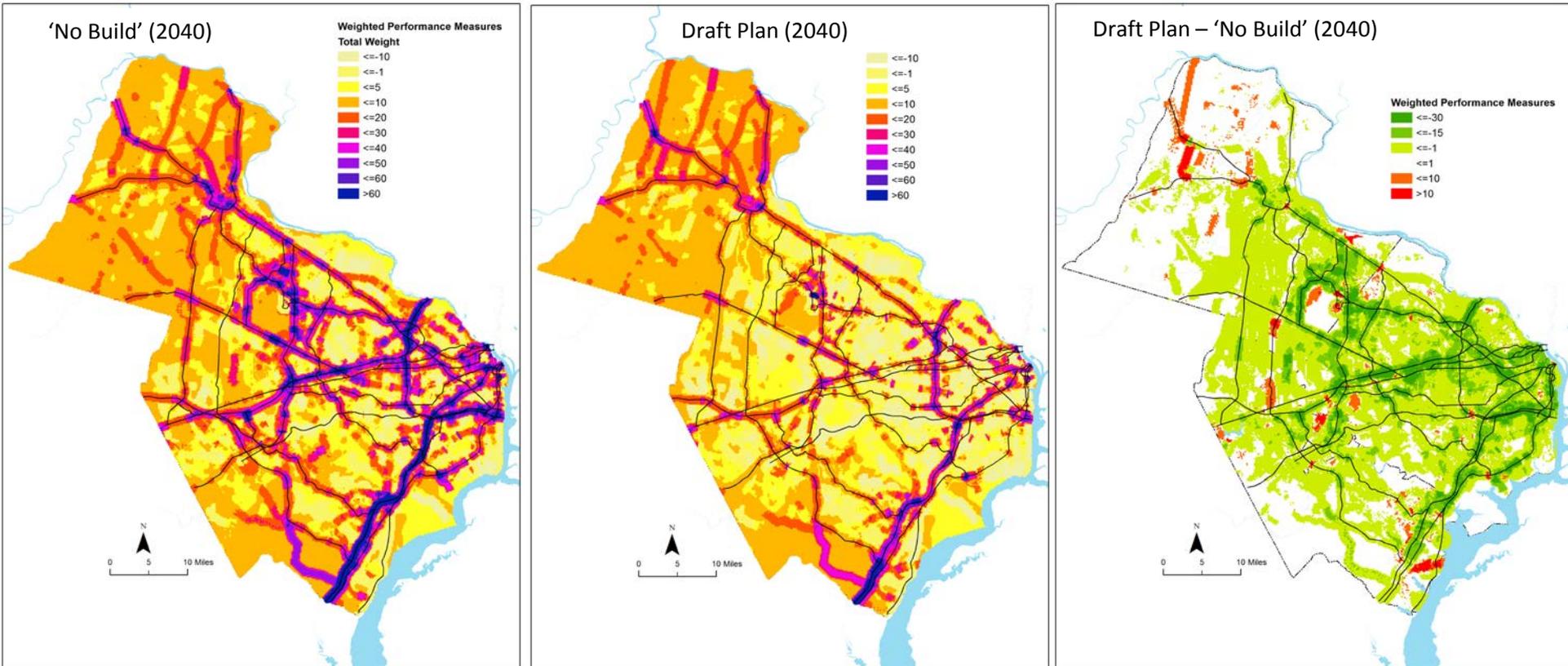
<sup>1</sup> ITS: Intelligent Transportation Systems

<sup>2</sup> ICM: Integrated Corridor Management

<sup>3</sup> TDM: Transportation Demand Management

# Overall Impact of Draft Plan

Draft Plan (2040) compared to 'No Build' (2040)



# Alternate Futures

- Four Alternate Futures tested:
  - Scenario A: Technology makes driving easier
  - Scenario B: Changes in travel behavior
  - Scenario C: Dispersed land use growth
  - Scenario D: Concentrated land use growth
- Scenarios are ‘plausible’ alternate futures, but are neither ‘predicted’ nor ‘preferred’; hybrid scenarios are ‘probable’
- Scenario (sensitivity) analysis provides an understanding of the robustness of TransAction findings and recommendations

# Findings

- NVRTA should pursue targeted, multi-modal, regionally-coherent strategies to address the region's transportation needs, consistent with the region's priorities and the varying geographies of the region.
- NVRTA should work with member jurisdictions and regional stakeholders (including extra-territorial partners) to work across jurisdictional boundaries, wherever possible, to address the region's transportation needs.

# Findings

- No single project, program, or policy will address all the region's transportation needs.
- Projected regional revenues through 2040 would only fund less than a quarter of the total estimated cost of the 358 candidate regional projects in the Draft Plan.
- Emerging trends in technology and travel preferences may improve travel conditions in 2040

# Next Steps

Public Hearing & Open House: July 13, 2017

Public Comment Period: June 9 – July 23, 2017

Submit Comments By:

- Email to: [NVTATransActionUpdate@TheNoVaAuthority.org](mailto:NVTATransActionUpdate@TheNoVaAuthority.org)
- Mail to: NVTAA, 3040 Williams Drive, Suite 200, Fairfax, VA 22031
- In person: Local Town Hall Meetings & Public Hearing, visit [NVTATransAction.org](http://NVTATransAction.org) for event information

TransAction Update Adoption: October 12, 2017

Call for Regional Projects for FY2018-2023 Six Year Program:  
October 12, 2017

Public Comment Period: Spring 2018

Adoption of the FY2018-2023 Six Year Program: June 2018