

Performance-based Planning in Practice

What Are the Travel Markets?

VTrans is establishing Needs for five distinct types of travel markets:

Corridors of Statewide Significance (CoSS)

- » Serve inter-regional travel

Regional Networks (RNs)

- » Serve commuters, intra-regional, and local travel

Urban Development Areas (UDAs) and Industrial and Economic Development Areas (IEDAs)

UDAs:

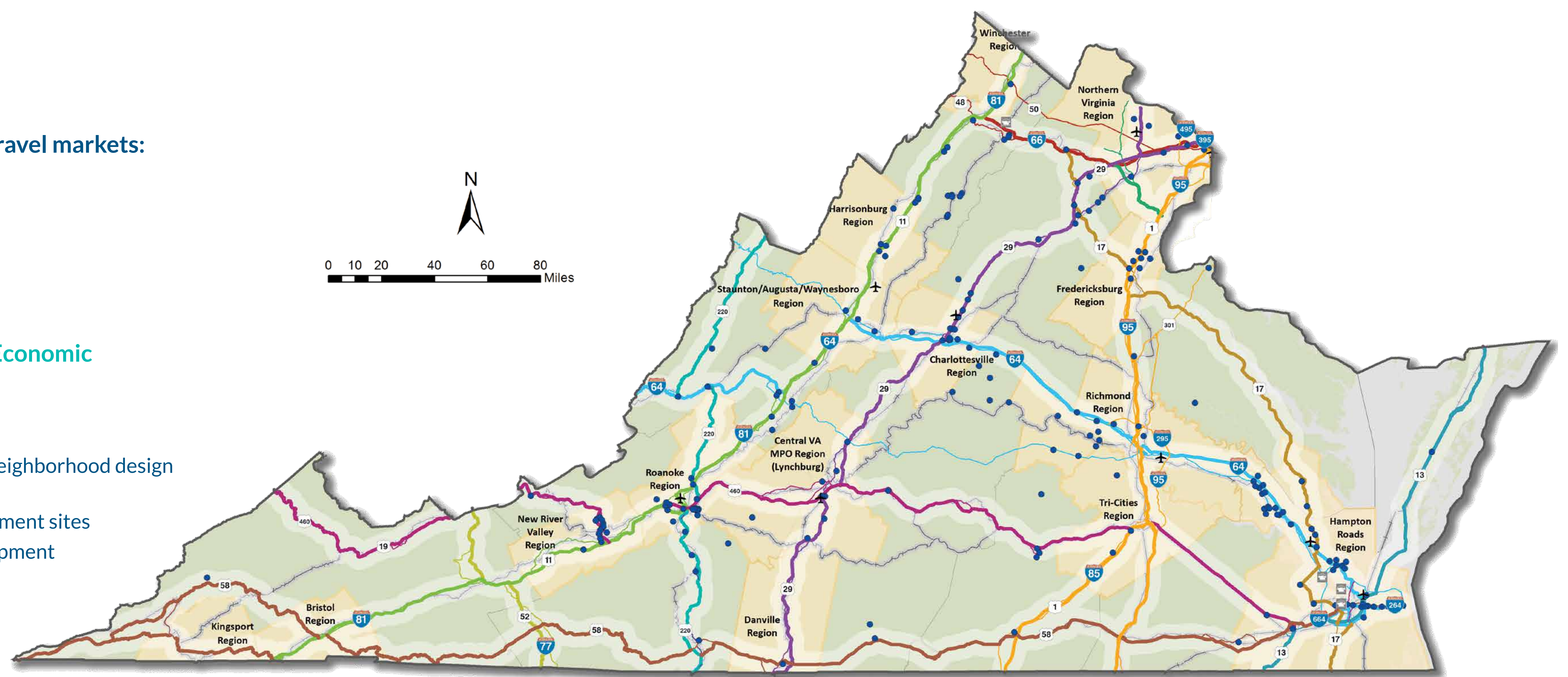
- » Designated by local governments
- » Intended to promote walkable development and traditional neighborhood design

IEDAs:

- » Defined as statewide locations of potential industrial development sites
- » Submitted by local governments to Virginia Economic Development Partnership's Business Ready Site Program

Safety

- » Addresses needs on all roadways, regardless of ownership



Corridors of Statewide Significance*

- Coastal Corridor
- Crescent Corridor
- East-West Corridor
- Eastern Shore Corridor
- Heartland Corridor
- North Carolina to West Virginia Corridor
- North-South Corridor
- Northern Virginia Corridor
- Seminole Corridor
- Southside Corridor
- Washington to North Carolina Corridor
- Western Mountain Corridor

*Thin lines of same color represent Corridor Component Facilities

Key

- Ports
- Airports
- Rail Network
- Regional Networks
- Urban Development Areas (as of May 2018)

What's Important to Measure?

CONGESTION

How much congestion do you encounter on your daily travel?

RELIABILITY

How reliable is your trip time?

ACCESSIBILITY

What travel choices do you have to get around?

SAFETY

Is your travel safe?

How Do We Measure It?

GOAL	MID-TERM NEEDS MEASURES AND CATEGORIES	CoSS	RN	UDA	STATE-WIDE
A. Economic Competitiveness	Congestion: Percent Person Miles Traveled in Excessively Congested Conditions (PECC) ₁	✓	✓		
	Congestion: Travel Time Index (TTI) ₂	✓	✓		
	Reliability: Level of Travel Time Reliability (LOTR)	✓	✓		
	Reliability: Passenger and Intercity Rail On-time Performance	✓			
B. Accessible Places	Competitiveness of Transit Accessibility to Activity Centers for Workers		✓		
	Non-Motorized Access to Activity Centers for Workers		✓		
	Transit Access for Equity Emphasis Areas		✓		
	Access to Industrial and Economic Development Areas (locally-determined) ₃				✓
	UDA Area Needs (locally-determined) ₄			✓	
C. Safety	Locations with High Number of Crashes and High Crash Severity				✓
	Pedestrian Safety Improvement Locations				✓
D. Proactive System Management	Capacity Preservation	✓	✓		
E. Healthy, Sustainable Communities	Transportation Demand Management	✓	✓		

1 PECC: All of limited-access CoSS, plus select limited access facilities within Regional Networks
 2 TTI: All of non-limited access CoSS, plus all other facilities within Regional Networks
 3 Access to IEDAs: Locations included in Virginia Economic Development Partnership's Business-Ready Site Program
 4 UDA Area Needs: Includes improvements such as bicycle and pedestrian infrastructure, circulation and access, safety, transit enhancements and access, etc.