



Office of
INTERMODAL
Planning and Investment

Office of Intermodal Planning and Investment Making Connections

Land Use Forum - May 10, 2018

Ronique Day

Deputy Director

Office of Intermodal Planning and Investment

The Vision for Transportation



“. . . Create a unparalleled transportation network, we [transportation] are the invisible platform to which our economy is built.”

- Secretary Shannon Valentine

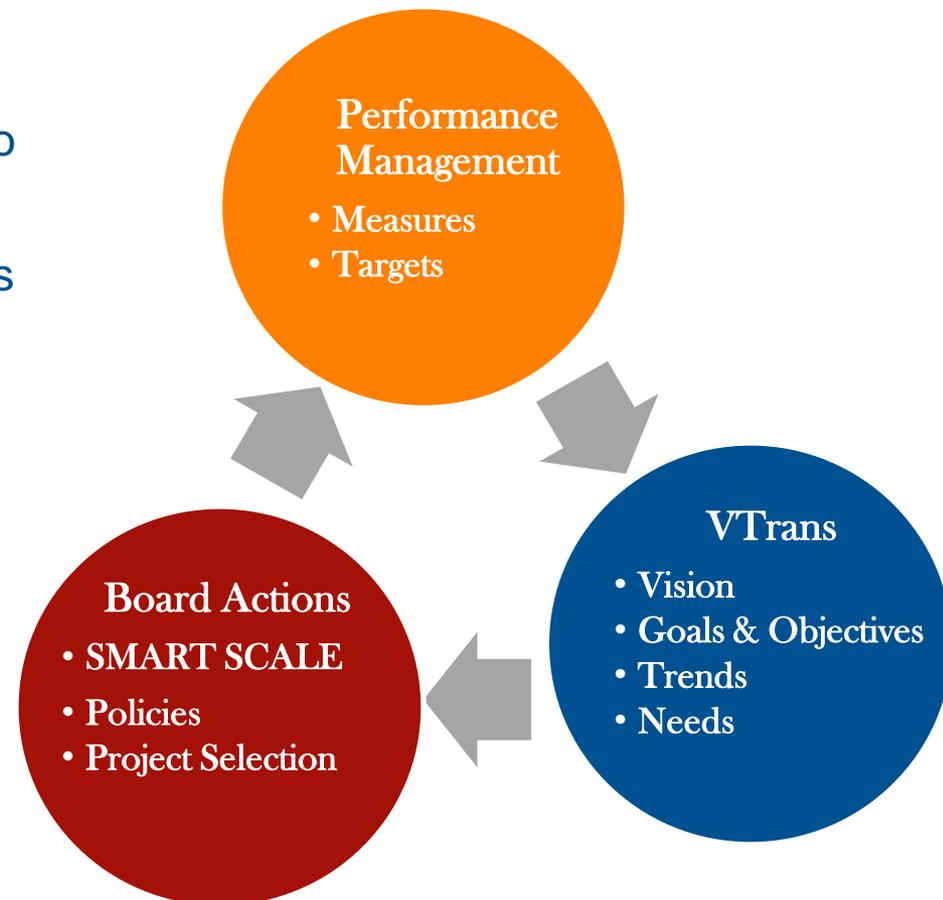
The Vision for Transportation



- **Virginia continues to be open for business**
 - Spur economic development
- **Best state to raise a family**
 - Improve quality of life
- **21st century multimodal transportation system**
 - Seamlessly connected network
- **Safe, resilient and efficient transportation system**
 - Transportation choice
- **Leverage innovation**
 - Technology is helping to bridge gaps
- **Improve connectivity across the Commonwealth**
 - March 2018 Virginia was named as recipient of Smart Cities Grant
 - Supports Virginia's efforts to make the state a leader in smart communities
 - Build better framework for initiatives such as expanding broadband

OIPI Supporting the Vision

- Encourage the coordination of multimodal and intermodal planning
- Provide long term multimodal planning to guide **smart** investment decisions
- Encourage innovation and best practices
- Promote coordination between transportation investments and land use planning
- Three program areas
 - Performance Measures and Performance Reporting
 - VTrans Multimodal Transportation Plan
 - SMART SCALE



Performance Measures

Performance Reporting

- Moving Ahead for Progress in the 21st Century Act (MAP-21)
- Establishes performance targets for:
 - Asset Management - Pavements and Bridges
 - System Performance - Reliability
 - Congestion
 - Air Quality
 - Safety
- HB2241/SB1331 (2017) - Commonwealth Transportation Board (CTB) establish performance targets for surface transportation
- Important to identify other performance areas that are important - i.e., accessibility, economic vitality, land use, etc.

Performance Reporting

- Understand how the system is working
- Are targets being achieved?
 - If not, why not?
- Determine whether current investment strategies are working
- Evaluate trends to draw parallels between similar areas and identify potential strategies
- Evaluate the short and long-term effectiveness of various treatments
- Inform future development
 - Can performance be maintained by establishing policy?
- Proactively consider trade-offs between investment strategies
- Identify and examine trends

Statewide Transportation Plan



VTrans 2040

Statewide Transportation Plan



Good for Business – Good for Communities – Good to Go

- VTrans establishes goals, objectives, and priorities that cover at least a 20-year planning horizon years.
- VTrans2040 includes:
 - Vision that support the guiding principles, goals, objectives, and is a data-driven trends analysis to provide a framework for implementing the Vision.
 - VTrans Multimodal Transportation Plan 2025 (VMTP), which includes four companion efforts:



2025 Needs Assessment
2025 Recommendations

2040 Scenarios
2040 Freight Analysis

Trends Analysis

- Part of the first phase of developing VTrans2040
- To understand how future trends may shape transportation demand, supply and performance

TRENDS

(what the world may look like in 2040)

OUTCOMES

(what transportation may look like in 2040)

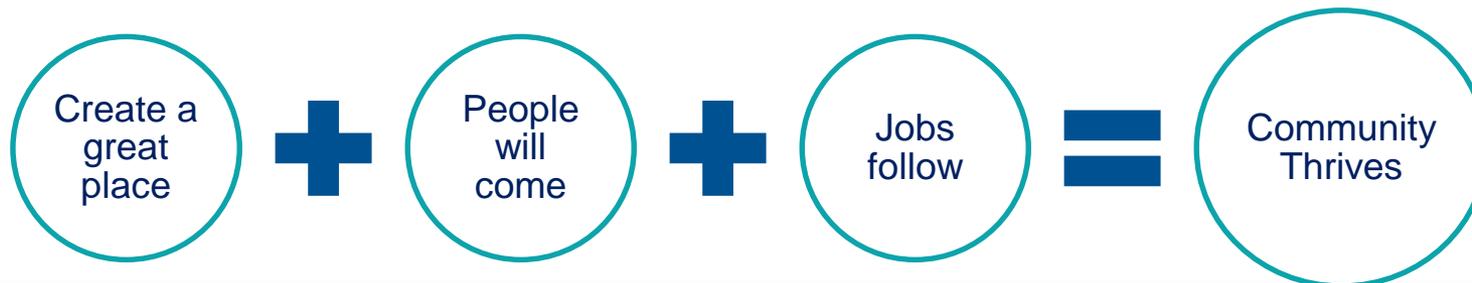


Trends are telling us that . . .

- Commute times and travel choice matter
 - Lexington city 28.29% walk or bike to work
 - Arlington county 27.24% use transit or rail
 - Nelson county 17.74% travel with someone
- Top 5 industry sectors by payroll shifts in the 2040 economy
- Freight mode shifts in the 2040 economy
- Millennials and Boomers are car-light
 - Transportation can build better communities through placemaking

Why is this important?

Trends shape the vision and future of the Commonwealths Transportation network



Trends are telling us that . . .



- Every community type has unique appeal
- The ideal neighborhood is a 15-minute livable community
- Responding to the VTrans Vision and SMART SCALE
 - Urban Development Area Grant Program restarted
 - Promote economic development
 - Promote land use planning
 - Maximize the use of transportation investment dollars
- Benefits of the UDA Grant Program
 - Localities: expertise given on how to pan for missed use development, redevelopment etc.
 - Commonwealth: more compact development, less \$\$ for transportation expansion, maintenance
 - To both: builds public support for managed growth, more predictable land use and transportation integration

SMART SCALE

SMART SCALE

Factors/Goals that drive process



- **Safety** – reduce the number and rate of fatalities and severe injuries
- **Congestion** – reduce person hours of delay and increase person throughput
- **Accessibility** – increase access to jobs and travel options
- **Economic Development** – support economic development and improve goods movement
- **Environmental Quality** – improve air quality and avoid impacts to the natural environment
- **Land Use** – support transportation efficient land development patterns

Measures do not focus on the size of the problem but instead on expected outcomes

Collaborative Partners



Reality - Transportation needs in Virginia far exceed available revenue

Local Actions

- Support denser mixed-use development conducive to transit, bikeability and walkability
- Housing affordability - to reduce outward (sprawl) growth pressure
- Preserving right-of-way for future transportation - easements
- Involve state and regional stakeholders in local land use planning process - ask for input

State/MPO Actions

- Optimize and fine tune existing transportation infrastructure and services - before major investments
- Provide data/analytical support to help identify needs and develop cost effective solutions
- Involve local land use staff in state and regional transportation planning process - ask for input

Transportation and Land Use Connection

- Transportation connects us to all of our activities, connects communities, and is affected by land use decisions
- Land uses affect the environment, interact with one another, and depend on transportation and infrastructure in order to function
- Land use planning relates to the physical environment where we live and work
- **Local Governments** - Control land use decisions, local transportation investments
- **State and MPOs** - Make transportation funding decisions



Thank You

- VTrans - www.vtrans.org
- SMART SCALE website - <http://smartscale.org>
 - Policy Guide and Technical Guide -
<http://smartscale.org/resources/default.asp>
 - SMART Portal - <https://smartportal.virginiahb2.org>
- Performance Measures and Performance Reporting - Under Development
- OIPI office website – Under Development