VTrans:
Virginia’s Statewide Multimodal Transportation Plan

Kick-off VTrans Update

RRTP0 Board Meeting
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OUTLINE

• What is VTrans?
• Review of VTrans2040
• Kick-off of VTrans Update
  – Major components
  – Key modifications from VTrans2040
  – Expected outcomes
  – Tentative timeline
• Stakeholder Involvement
WHAT IS VTRANS?

• *VTrans* is Virginia’s Multimodal Transportation Plan.
  – Provides a backdrop for consistent and coordinated performance-based transportation planning between federal, state, regional, and local agencies.
  – Performance-based, multimodal, long-range plan that is coordinated with MPO’s and other stakeholders.
  – Includes a Needs Assessment
  – Updated at least every four years
  – *VTrans* has a statewide perspective and is not a compilation of local or regional plans
OIPI’s ROLE in VTRANS

Secretary of Transportation

Commonwealth Transportation Board

Performance Measures

OIPI assists the Commonwealth Transportation Board in the Development of VTrans.
• **Vision, Goals, Objectives and Guiding Principles** - approved by CTB in December 2015
• **Needs** - approved by CTB in December, 2015
• **Recommendations** - approved by CTB in January, 2018
• **Implementation Plan** - approved by CTB for review in December, 2018
REVIEW OF VTRANS2040

• Needs Assessment
  – Used a ten-year horizon
  – Identified needs by Travel Market:
    • Corridors of Statewide Significance
    • Regional Networks
    • Urban Development Areas (UDA’s)
    • Safety (PSI’s)

• Recommendations
  • Needs from the above categories were consolidated into one set of needs
  • Projects and studies were identified that could address those needs, and they were tiered (prioritized) based on analysis and local input
REVIEW OF VTRANS2040

- Regional Network Needs
REVIEW OF VTRANS2040

• CoSS and UDA Needs
REVIEW OF VTRANS2040

• Current Uses
  – Vision, Goals & Objectives, and Guiding Principles
    – Overall reference for transportation planning at the state, regional, and local level
  – Needs Assessment
    – SMART SCALE (Applications for SMART SCALE must show that they address one of more VTrans Needs in order to be screened in (move on to scoring)
VTRANS UPDATE KICK-OFF

• Major components
• Key modifications from VTrans2040
• Expected outcomes
• Tentative timeline
• Stakeholder Involvement
MAJOR COMPONENTS

CTB’s Vision, Goals and Objectives

Mid-term Needs Identification

Long Term Needs Identification

Strategic Actions
MAJOR COMPONENTS (Vision, Goals, and Objectives)

• CTB to review and reaffirm their overall direction for transportation planning & policy
• Vision to be informed by:
  – A public survey
  – Vulnerability assessment
  – Demographic and land use trends, opportunities, and challenges
  – Technology trends, opportunities, and challenges
  – Financial trends, opportunities, and challenges
MAJOR COMPONENTS (Mid-term Needs)

• Planning horizon: 0-10 years
• **CTB to adopt a policy for needs identification**
  - Define “transportation need”
  - Review of VTrans need categories (e.g. CoSS, RN, UDA, Safety)
  - Utilize adopted Performance Targets, new measures or Key Performance Indicators (KPIs)
• **Adoption of the mid-term needs by December 2019**
  - Inform SMART SCALE Round 4

Ensure that methods are:
- Data-driven
- Standardized
- Repeatable
- Replicable
- More Transparent

Ensure that methods are:
MAJOR COMPONENTS (Long-term Needs)

- Planning horizon: 10+ years
- Not an attempt to predict, but to be prepared
- Develop three scenarios, associated needs and revenue impacts
- Establish connection between mid-term and long-term needs
- Finalize by 2020
MAJOR COMPONENTS (Strategic Actions)

- Develop strategic actions for CTB consideration:
  - Policy options and recommendations
  - Priorities for project planning activities
KEY MODIFICATIONS

• VTrans Update aims to:
  – Identify challenges and opportunities associated with trends
  – Provide a more complete picture for transportation investments
    • Convey trade-offs and opportunity cost associated with policy options
    • Relative return on investments
KEY MODIFICATIONS

• VTrans Update aims to provide compelling, easy-to-communicate snapshot of existing and envisioned transportation in Virginia.
  – Convey economic benefits associated with transportation investments
  – Identify changes in economic output and productivity
  – Identify regional connectivity needs
THEMES (Key Modifications)

- Resilient Transportation Infrastructure
- Smart Transportation Infrastructure
- Smarter Investments
- Increase awareness among public and local agencies

Image Source: USDOT
EXPECTED OUTCOMES

• Provide policy options for investment decisions to prepare for the future, such as:
  – Which transportation investments support desired growth and economic development
  – Opportunity costs associated with delaying or not pursuing certain investments
  – Possible technological changes and associated revenue impacts to prepare for
  – Planning considerations for making transportation infrastructure less vulnerable to extreme natural events
KEY MILESTONES

CTB’s Vision, Goals and Objectives

Mid-term Needs Identification

Long Term Needs Identification

Strategic Actions

Existing Conditions/Performance Report
Public Survey
Trends Analysis
KPI’s
Needs Identification Methodology
Alternative Revenue Scenarios

Alternative Future Scenarios

Trade-off Analysis

Economic Impact Analysis

Recommendations and Prioritization
Monitoring
Freight Plan

Stakeholder and Public Involvement

2019
2020
2021
STAKEHOLDER INVOLVEMENT

• With MPO’s
  – Presentations at MPOs and PDCs throughout the Commonwealth
    • Winter 2018/2019:
      – Kick-off/Approach
    • Spring 2019:
      – Review Existing Conditions & Trends (to inform Vision)
      – Review Economic Profiles
      – Discuss Needs Identification Methodology
    • Fall 2019:
      – Review Draft Mid-Term Needs
  – Informal updates and notifications
  – MPO-initiated discussions
STAKEHOLDER INVOLVEMENT

• With the Public
  – Spring 2019:
    • Statewide Survey to gauge opinions, attitude, and preferences towards transportation issues
  – Public meetings in all nine CTB districts
  – Continued involvement through Spring and Fall Transportation Meetings
  – Active online and social media presence
    • www.vtrans.org
    • Facebook - @vtransvirginia
    • Instagram - @vtransvirginia
Thank you

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