

Office of Intermodal Planning and Investment (OIPI)

# VTrans Update Kick-off

Commonwealth Transportation Board

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# PURPOSE

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- Update - VTrans Implementation Plan
- Kick-off – VTrans Update



# UPDATE – VTRANS IMPLEMENTATION PLAN

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- VTrans2040 Guiding Principles were adopted by the Board in December 2015.
- VTrans Implementation Plan includes specific high-priority strategic actions.
  - All actions are linked to one or more Board-adopted Guiding Principles.
- The Board will receive two status updates per calendar year from OIPI.



# UPDATE – VTRANS IMPLEMENTATION PLAN

- VTrans lays out the overarching vision and guiding principles for transportation in the Commonwealth.
  - GP 1: Optimize Return on Investments
  - GP 2: Ensure Safety, Security, and Resiliency
  - GP 3: Efficiently Deliver Programs
  - GP 4: Consider Operational Improvements and Demand Management First
  - GP 5: Ensure Transparency and Accountability, and Promote Performance Management
  - GP 6: Improve Coordination Between Transportation and Land Use
  - GP 7: Ensure Efficient Intermodal Connections
- These Guiding Principles will be updated as part of the VTrans Update.



# UPDATE – VTRANS IMPLEMENTATION PLAN

- Actions that will be executed as part of [the VTrans Update](#):
  - Evaluate mid- and long-term viability of federal, state, and regional revenues for multimodal transportation investments.
  - Identify surface transportation infrastructure needs and associated policy and legislative requirements to ensure Virginia’s readiness for shared mobility, and autonomous & connected vehicles.
  - Complete a resiliency assessment of Virginia's multimodal network from a transportation planning perspective.
  - Promote multimodal planning efforts by making VTrans the planning document for all mid- and long-range statewide modal planning efforts.
  - Evaluate opportunities to establish stronger connections between VTrans and investment decisions.



# UPDATE – VTRANS IMPLEMENTATION PLAN

- Actions that **promote best practices** across agencies and divisions:
  - Evaluate the feasibility of extending functionality of the SMART PORTAL to the remaining application-based capital and transit operating funding programs administered by OIPI, VDOT, and DRPT.
  - Evaluate the feasibility of a combined dashboard to monitor performance and delivery of projects, programs, and activities included in SYIP.
  - Create a state-led training and technical assistance program to promote performance-based planning practices, and build capacity at local and regional agencies, system operators, and mobility service providers.



# UPDATE – VTRANS IMPLEMENTATION PLAN

- Discrete activities to be initiated in the coming months:
  - Develop processes to evaluate and monitor performance of SMART SCALE investments.
  - Develop a grant program to prepare local jurisdictions and regions for emerging planning trends and to inform VTrans needs assessment.
  - Create and fund a pilot program to collaborate with local jurisdictions and shared mobility companies to fund more effective and efficient delivery of mobility services.
  - Promote multimodalism by developing new processes or modifying existing processes to ensure existing and anticipated multimodal needs are considered where appropriate.



# KICK-OFF – VTRANS UPDATE

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- Overview of Approach to VTrans Update
  - VTrans requirements
  - Key modifications
  - Major components
  - Expected outcomes
  - Tentative timeline





# VTRANS REQUIREMENTS

- Key Requirements
  - Federal requirements per 23 U.S.C. 135 and other
  - § 33.2-353: OIPI to assist the CTB in the development and update of a Statewide Transportation Plan.
  - § 2.2-229: OIPI to assist the Commonwealth Transportation Board in the [development of a comprehensive, multimodal transportation policy](#), which may be developed as part of the Statewide Transportation Plan pursuant to § 33.2-353.
- Several other business requirements



# KEY MODIFICATIONS



- VTrans Update aims to:
  - Identify challenges and opportunities associated with trends
    - Demographic and land development
    - Economic
    - Financial (Sustainable funding)
    - Accessibility
  - Provide a more complete picture for transportation investments
    - Convey trade-offs and opportunity cost associated with policy options
    - Relative return on investments for different investment categories



# 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





# KEY MODIFICATIONS (Themes)



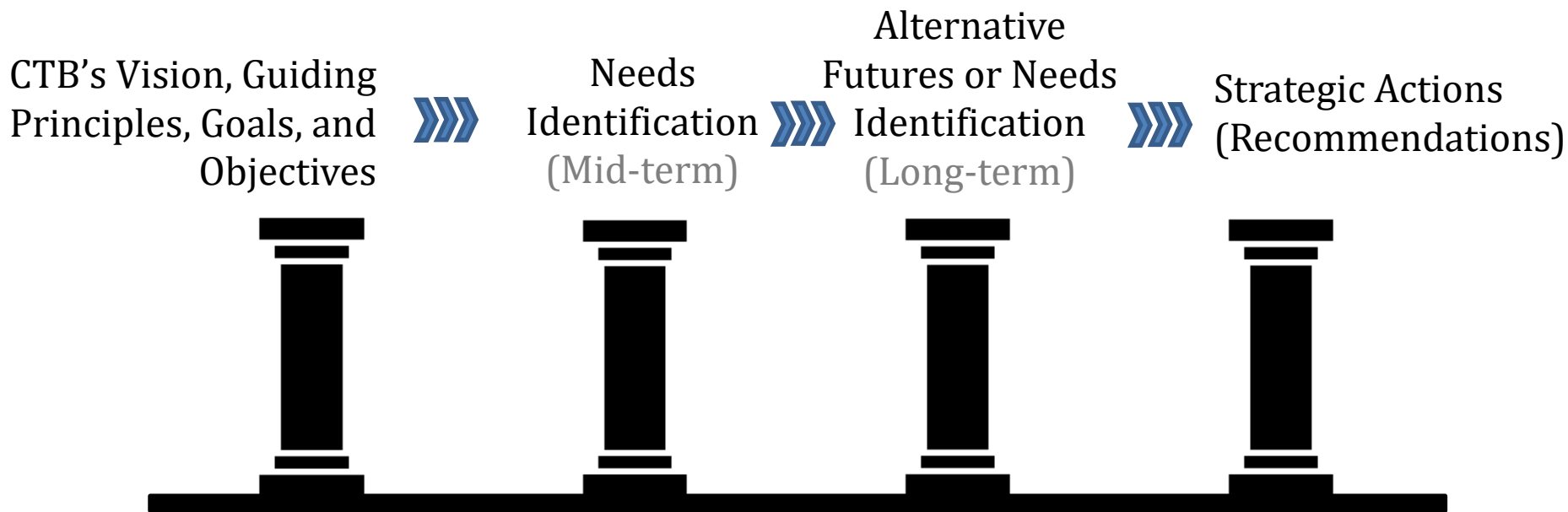
Image Source: USDOT

- Themes to be shared throughout the VTrans development process:
  - Resilient Transportation Infrastructure
  - Smart Transportation Infrastructure
  - Smarter Investments
- Increase awareness among public and local agencies
  - Share CTB and agency initiatives



# MAJOR COMPONENTS

- VTrans – CTB’s Vision and Plan for Transportation in the Commonwealth





# MAJOR COMPONENTS (REAFFIRMATION OF VISION)



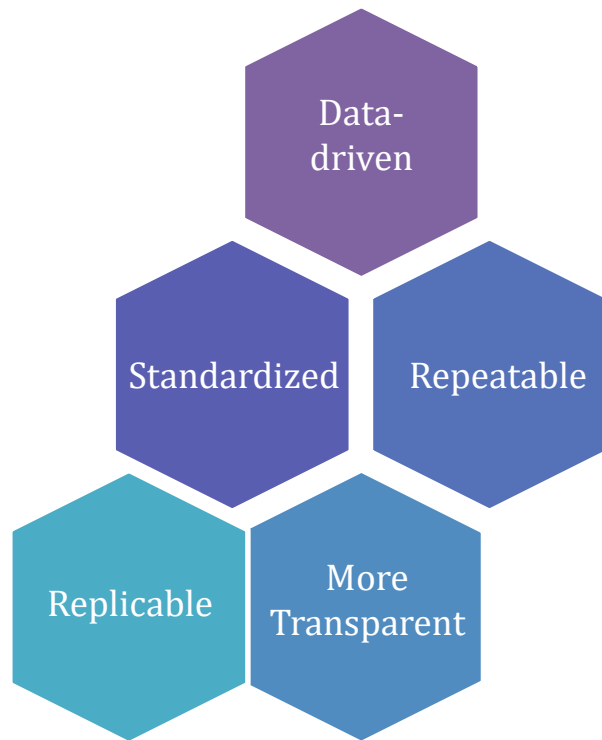
- Review existing system condition
  - Physical condition
  - Performance
  - Financial scenario
- Evaluate impacts of trends and drivers
- Reaffirm or, if needed, modify vision, goals, and guiding principals
- **By June 2019**



# MAJOR COMPONENTS (MID-TERM NEEDS)

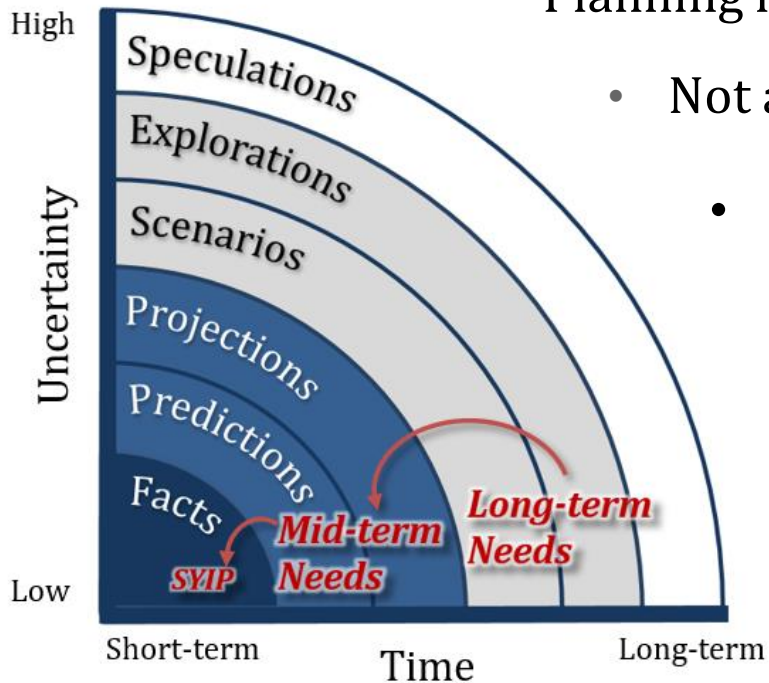
- Planning horizon: 0- 10 years
- **CTB to adopt a policy for needs identification**
  - Define “transportation need”
  - Review of VTrans need categories (e.g. CoSS, RN, UDA, Safety)
  - Utilize adopted Performance Targets, new measures or Key Performance Indicators (KPIs)
- **Adoption of the mid-term needs by December 2019**
  - Inform SMART SCALE Round 4 (application intake in 2020)

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 Board's consideration:
  - Policy options and recommendations
  - Priorities for project planning activities



# EXPECTED OUTCOMES

- Provide policy options for investment decisions to prepare for the future
  - How to ensure that transportation investments support desired growth and economic development?
  - What is the opportunity cost associated with delaying or not pursuing certain investments?
  - Is there a need to change approach to transportation investments to be better prepared for technological changes and associated revenue impacts?
  - How to reflect planning considerations for making transportation infrastructure less vulnerable to extreme natural events?



# ONGOING ENGAGEMENT

- With CTB Members
  - VTrans-specific workshop in May or June 2019
  - Presentations at scheduled CTB workshops
  - Briefings at key project milestones
  - Monthly updates
- With Agencies and Public
  - Public meetings in all nine districts
  - Presentations at MPOs and PDCs throughout the Commonwealth
  - **Statewide survey in Spring 2019 to gauge opinions, attitude, and preferences towards transportation issues**
  - Continued involvement through Fall and Spring Transportation Meetings
  - Active online and social media presence