

VTrans:
Virginia's Statewide Multimodal Transportation Plan

Kick-off VTrans Update

Rappahannock-Rapidan Regional Commission
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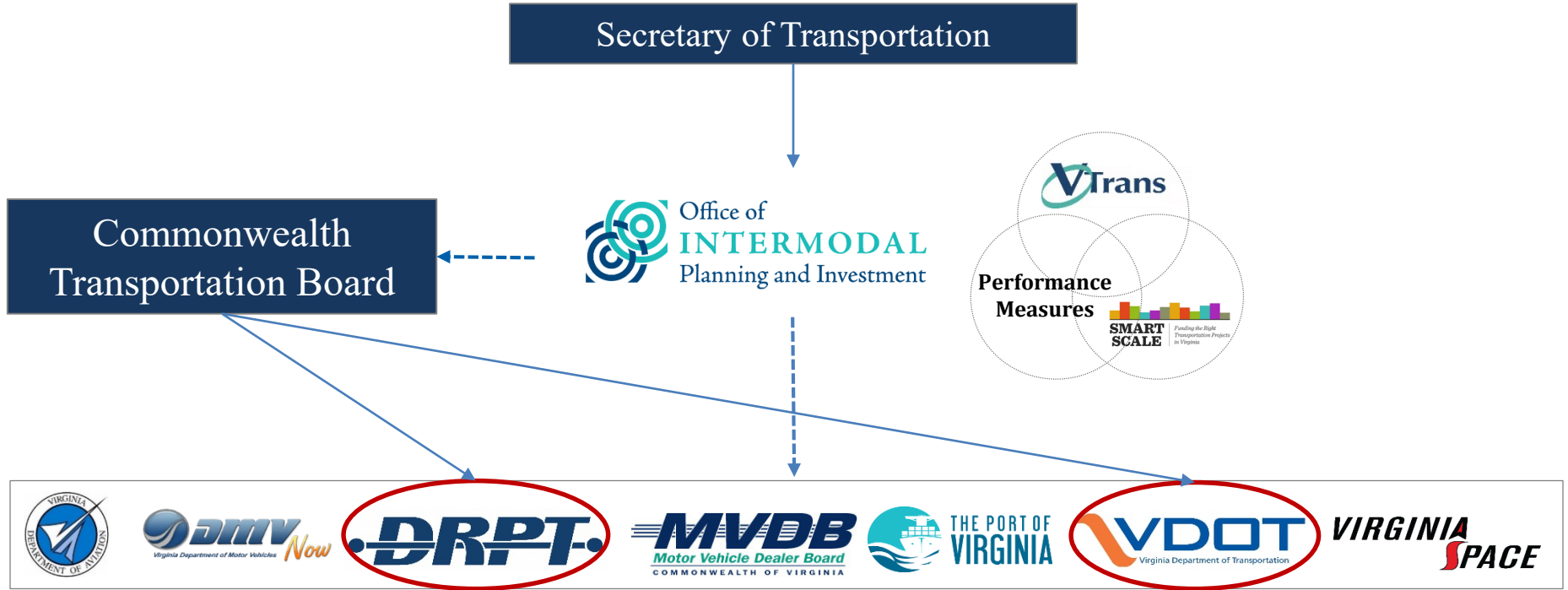


WHAT IS VTRANS?

- *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



OIPI assists the Commonwealth Transportation Board in the Development of VTrans.



REVIEW OF VTRANS2040

- 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

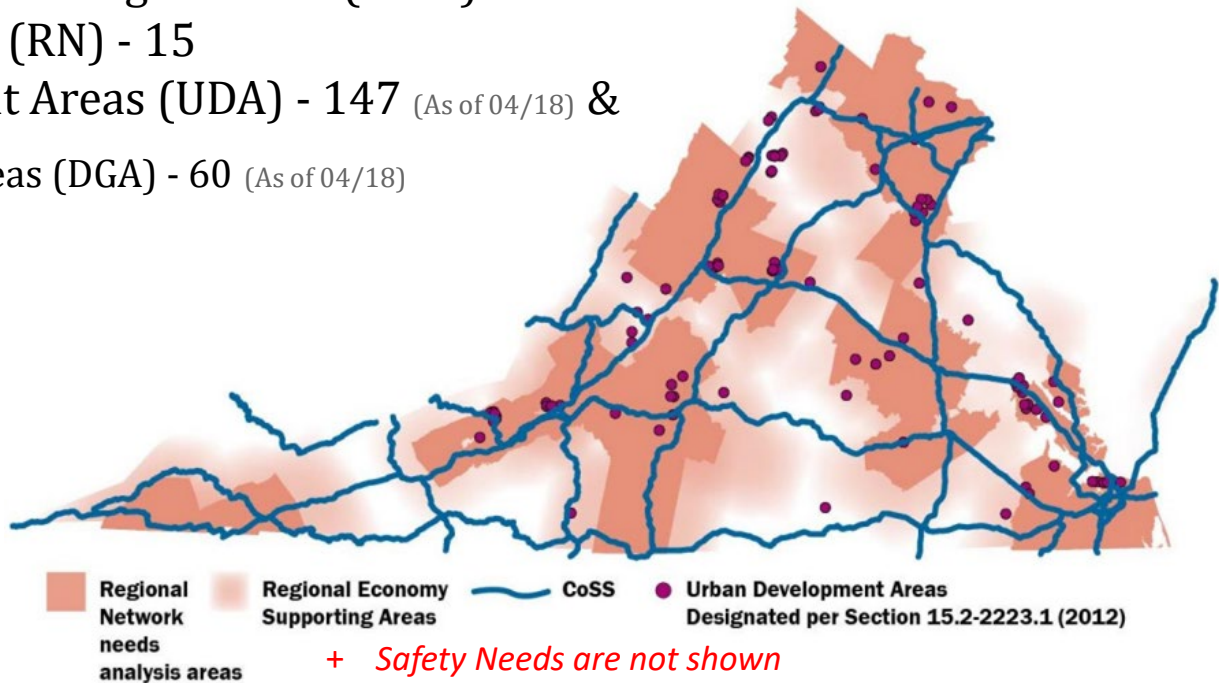
- Needs Assessment
 - Used a ten-year horizon
 - Identified needs by Travel Market:
 - Corridors of Statewide Significance
 - Regional Networks
 - Urban Development Areas (UDA's)
 - Safety (PSI's)
- Recommendations
 - Needs from the above categories were consolidated into one set of needs
 - Projects and studies were identified that could address those needs, and they were tiered (prioritized) based on analysis and local input





REVIEW OF VTRANS2040

- **Capacity and Safety needs only**
 - Corridors of Statement Significance (CoSS) - 12 corridors
 - Regional Networks (RN) - 15
 - Urban Development Areas (UDA) - 147 (As of 04/18) &
Designated Growth Areas (DGA) - 60 (As of 04/18)
 - Safety

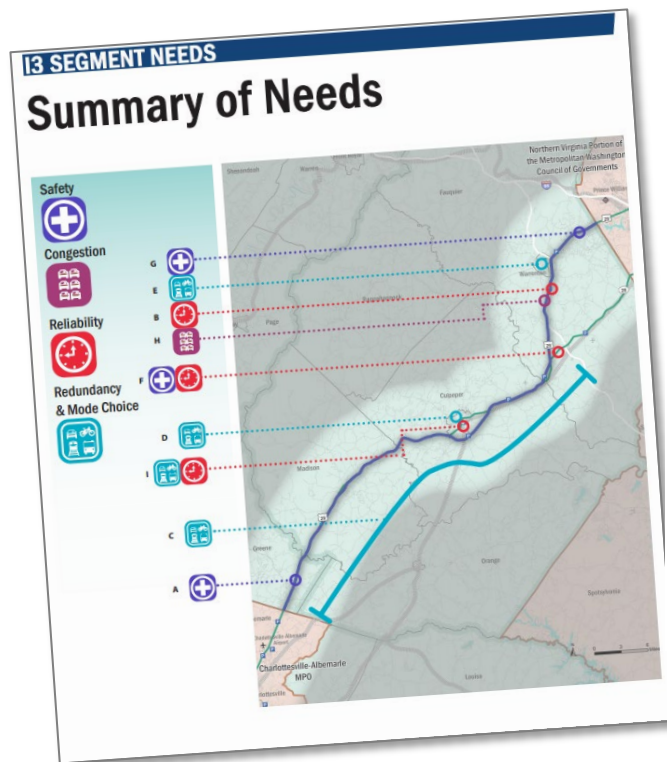




REVIEW OF VTRANS2040

“Seminole Corridor”

- US 29
- Route 28
- Norfolk-Southern Crescent Corridor
- Amtrak Service



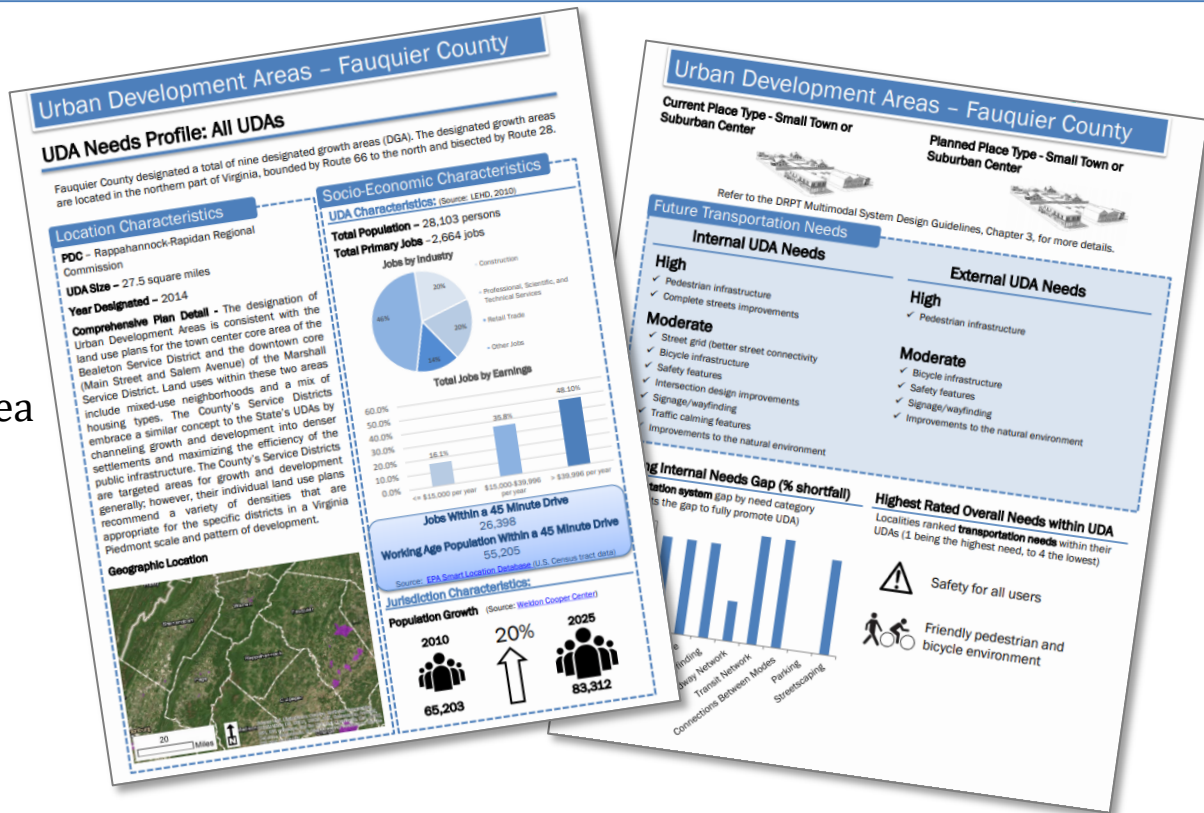
Summary of Needs - 13 Segment	
A.	Safety concerns at the intersection of US 29 and US 33 in Greene County
B.	US 17/US 29 near interchange with US 17-Business south of Warrenton: Weekend Reliability Index >0.6
C.	No parallel highway facility for US 29 south of junction with VA 28
D.	No intercity bus service to Culpeper
E.	No intercity bus service to Warrenton
F.	VA 28 between US 29 and US 17 near Bealton: 24 severe crashes; Weekday Reliability Index >0.4
G.	US 29 between US 17 and Vint Hill Rd east of Warrenton: 101 severe crashes
H.	US 29 between US 17 and US 15 around Warrenton: moderate person-hours of delay; significant freight ton-hours of delay
I.	Unreliable Amtrak service from Culpeper station. Average departure delay is 31 minutes totaling over 3,600 person-hours of delay from this segment.



REVIEW OF VTRANS2040

UDA Needs

- Town of Culpeper
- Fauquier County
 - Nine UDA's
- Orange County
 - Germanna-Wilderness Area
- Town of Warrenton
 - Four UDA's





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))

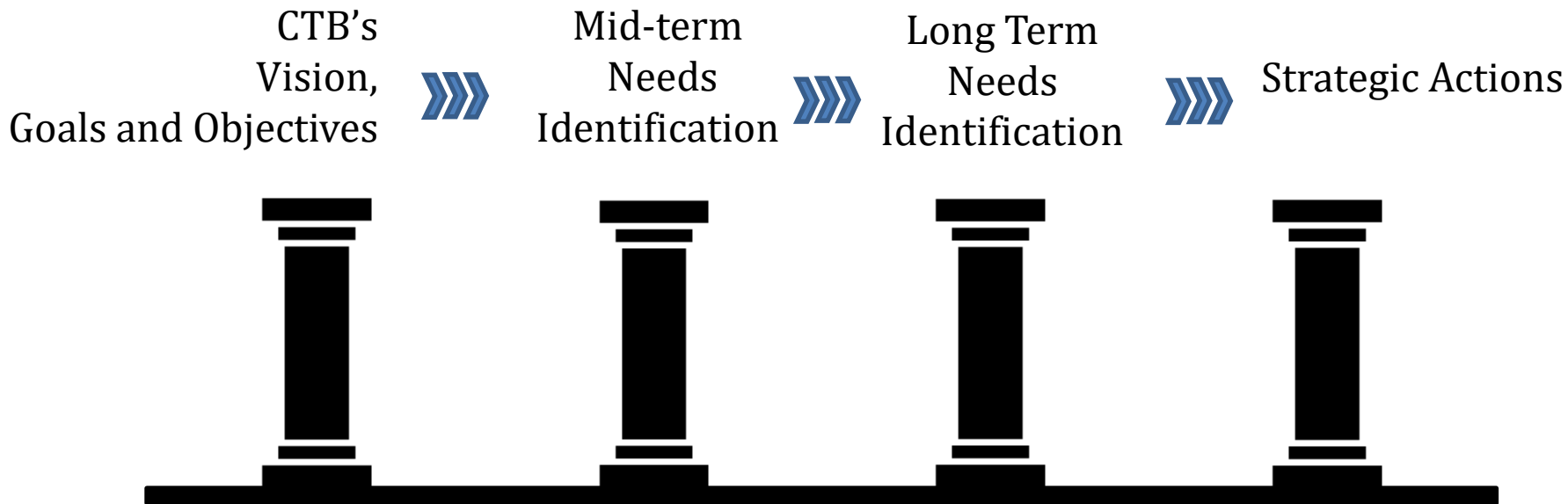


VTRANS UPDATE KICK-OFF

- Major components
- Key modifications from VTrans2040
- Expected outcomes
- Tentative timeline
- Stakeholder Involvement



MAJOR COMPONENTS





MAJOR COMPONENTS (Vision, Goals, and Objectives)

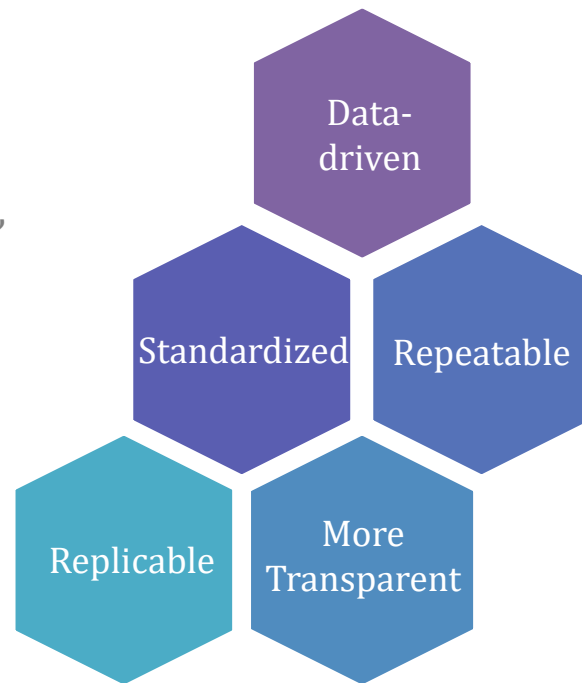
- CTB to review and reaffirm their overall direction for transportation planning & policy
- Vision to be informed by:
 - A public survey
 - Vulnerability assessment
 - Demographic and land use trends, opportunities, and challenges
 - Technology trends, opportunities, and challenges
 - Financial trends, opportunities, and challenges



MAJOR COMPONENTS (Mid-term Needs)

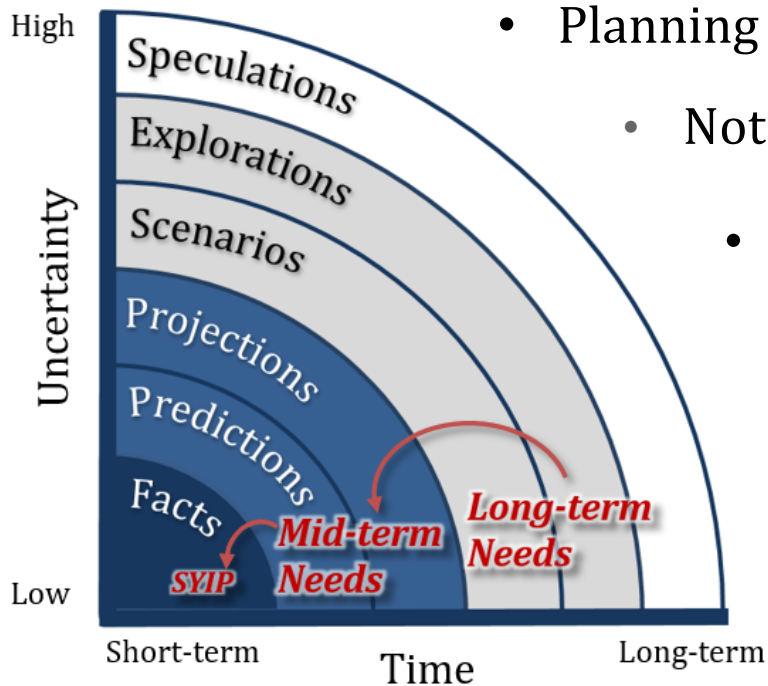
- Planning horizon: 0- 10 years
- **CTB to adopt a policy for needs identification**
 - Define “transportation need”
 - Review of VTrans need categories (e.g. CoSS, RN, UDA, Safety)
 - Utilize adopted Performance Targets, new measures or Key Performance Indicators (KPIs)
- **Adoption of the mid-term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

Ensure that methods are:





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



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)



Image Source: USDOT

- Resilient Transportation Infrastructure
- Smart Transportation Infrastructure
- Smarter Investments

- Increase awareness among public and local agencies

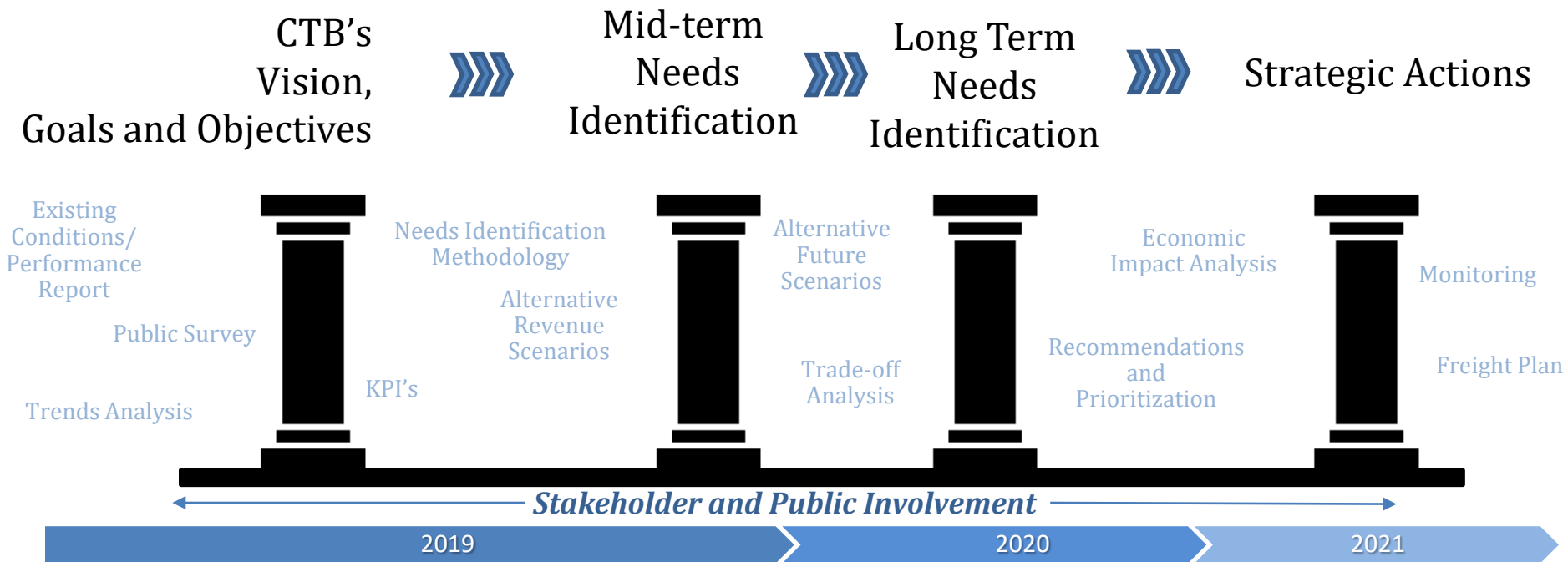


EXPECTED OUTCOMES

- 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





STAKEHOLDER INVOLVEMENT

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



STAKEHOLDER INVOLVEMENT

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



Thank you

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