

VTrans:
Virginia's Statewide Multimodal Transportation Plan

Kick-off VTrans Update

RV-TPO TTC Meeting
Thursday, January 10th, 2019

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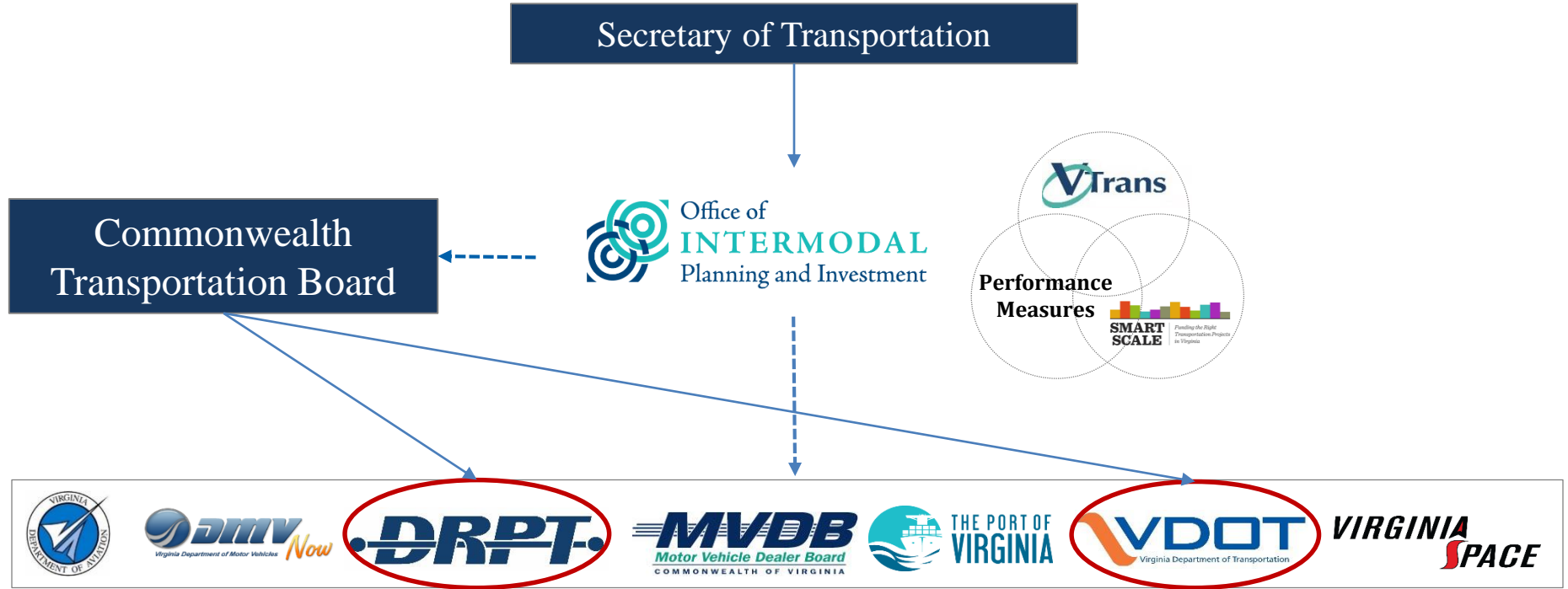


WHAT IS VTRANS?

- *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

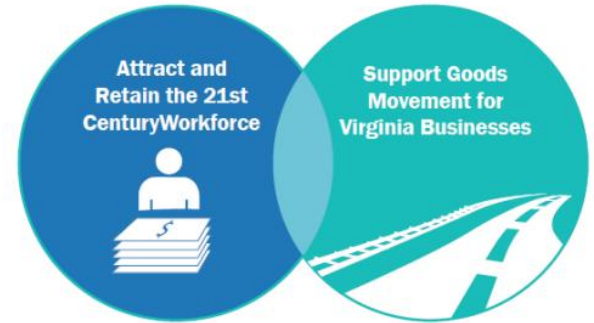
- Vision, Goals, Objectives and Guiding Principles were approved by CTB in December 2015
 - Needs approved by CTB in December, 2015
 - Recommendations approved by CTB in January, 2018
- Implementation Plan approved by CTB in December, 2018





REVIEW OF VTRANS2040

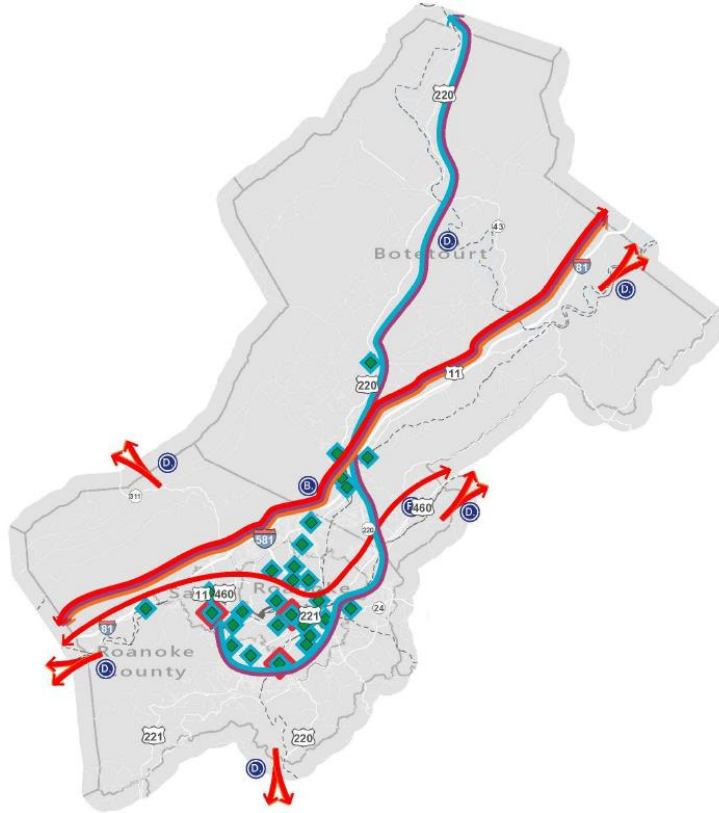
- Needs Assessment
 - Used a ten-year horizon
 - Identified needs by Travel Market:
 - Corridors of Statewide Significance
 - Regional Networks
 - Urban Development Areas (UDA's)
 - Safety (PSI's)
- Recommendations
 - Needs from the above categories were consolidated into one set of needs
 - Projects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



See [VTrans.org](https://www.vtrans.org) for reports



REVIEW OF VTRANS2040 (Regional Network Needs)



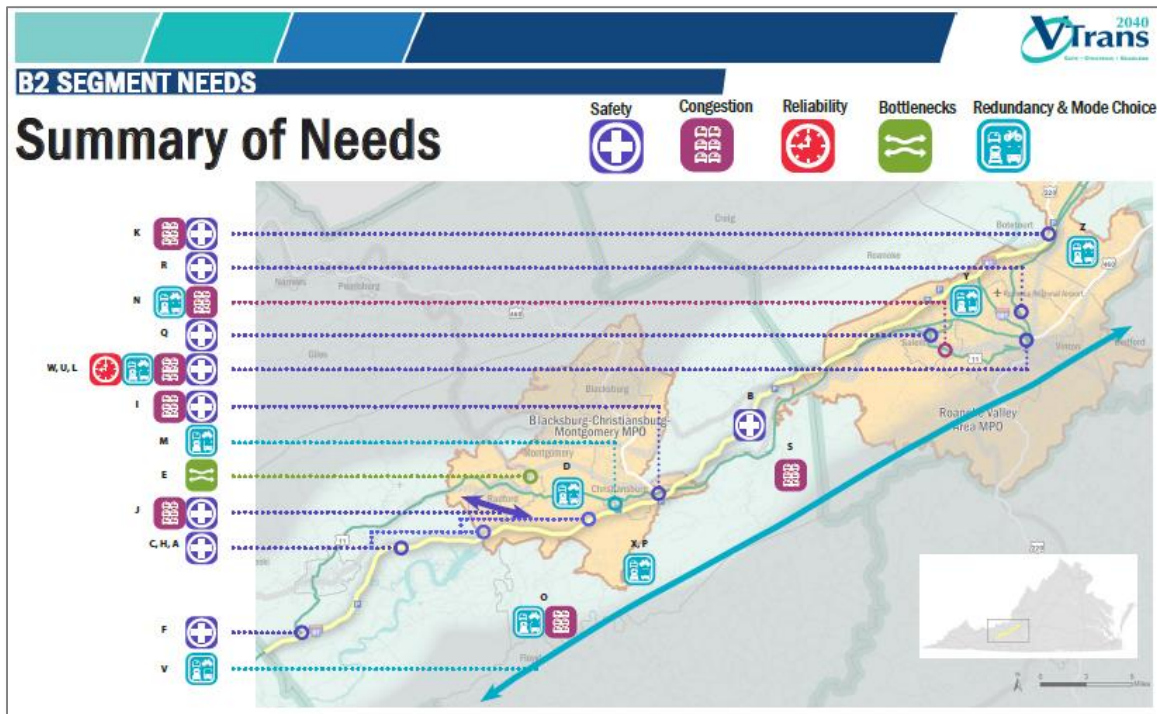
A.	Walkable/Bikeable Places
B.	US I-81/US 11 Reliability
C.	Regional TDM
D.	Inter-Regional Network Connectivity
E.	Regional Mode Choice
F.	US 460 Reliability and Bottleneck Relief



REVIEW OF VTRANS2040 (COSS Needs)

“Crescent Corridor”

- I-81
- U.S. 11
- I-581
- Norfolk Southern Crescent Corridor
- Short Line Railroads
- Roanoke Regional Airport

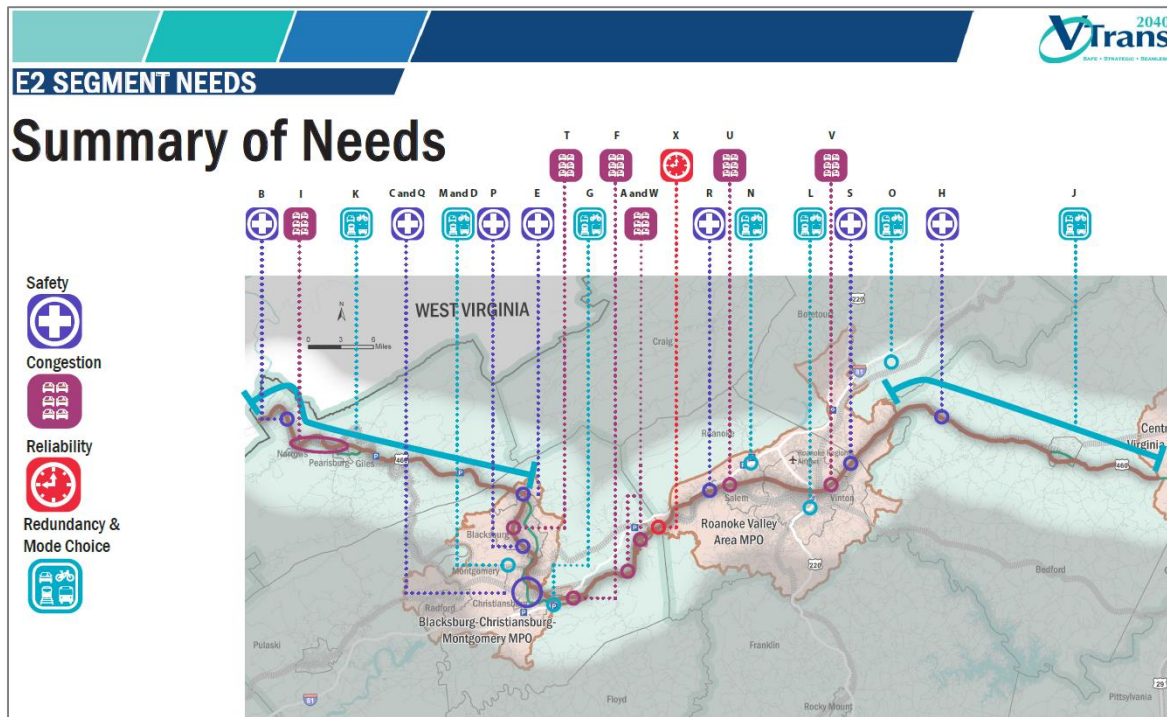




REVIEW OF VTRANS2040 (COSS Needs)

“Heartland Corridor”

- U.S. 460
- Norfolk Southern Heartland Corridor
- Roanoke Regional Airport





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))

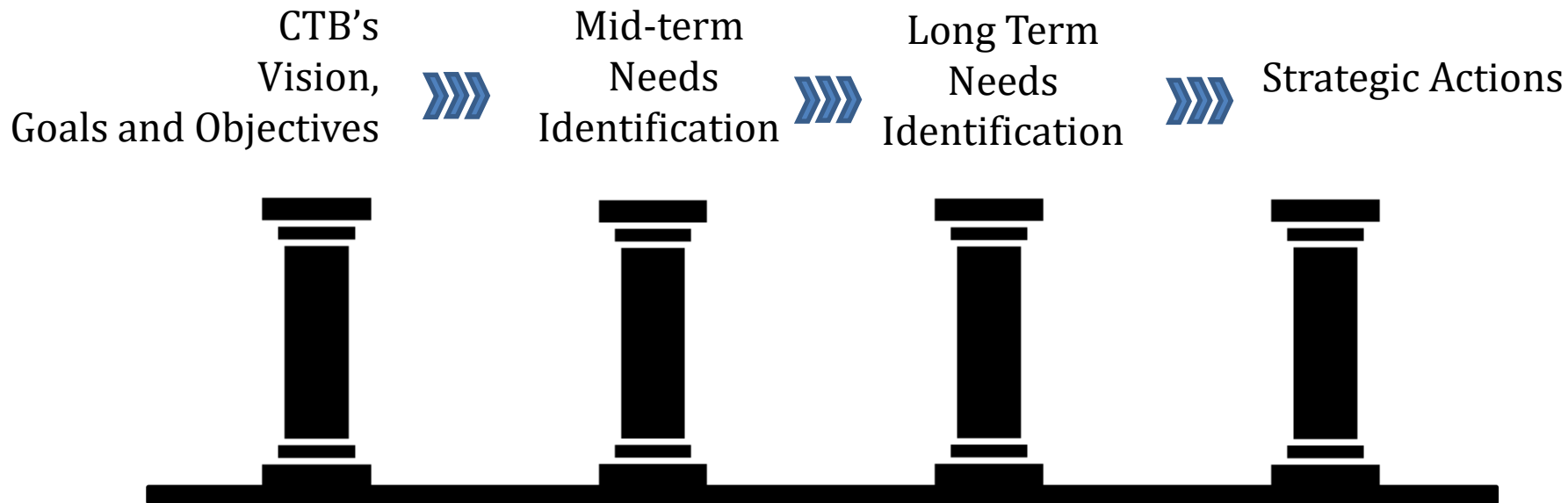


VTRANS UPDATE KICK-OFF

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



MAJOR COMPONENTS





MAJOR COMPONENTS (Vision, Goals, and Objectives)

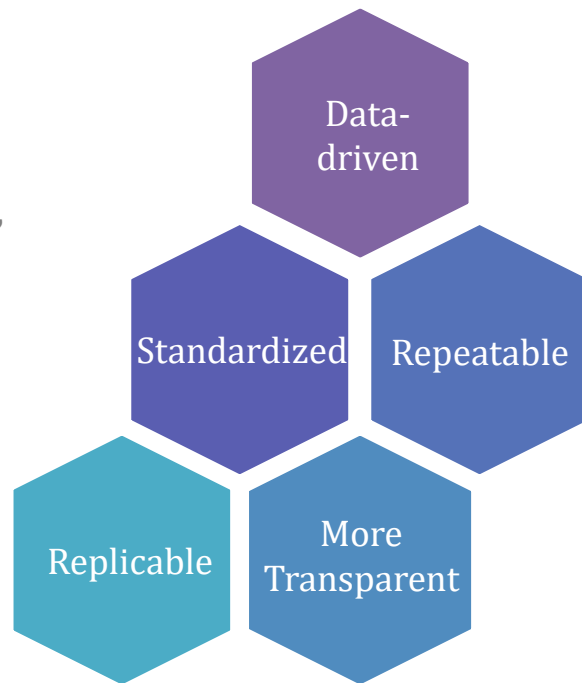
- CTB to review and reaffirm their overall direction for transportation planning & policy
- Vision to be informed by:
 - Scientific public survey
 - Vulnerability assessment
 - Trends, opportunities, and challenges:
 - Demographics and land use
 - Technology
 - Financial
 - Economic



MAJOR COMPONENTS (Mid-term Needs)

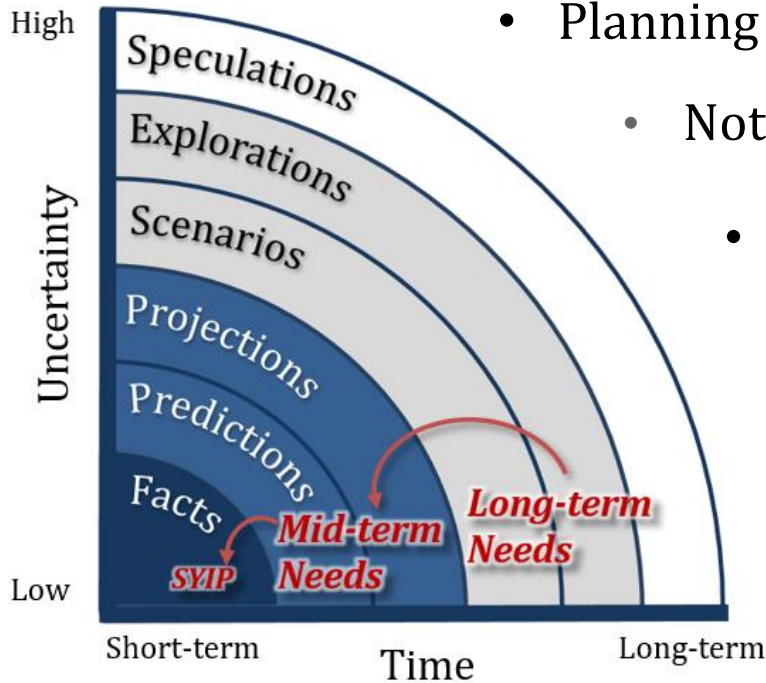
- Planning horizon: 0- 10 years
- **CTB to adopt a policy for needs identification**
 - Define “transportation need”
 - Review of VTrans need categories (e.g. CoSS, RN, UDA, Safety)
 - Utilize adopted Performance Targets, new measures or Key Performance Indicators (KPIs)
- **Adoption of the mid-term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



THEMES (Key Modifications)



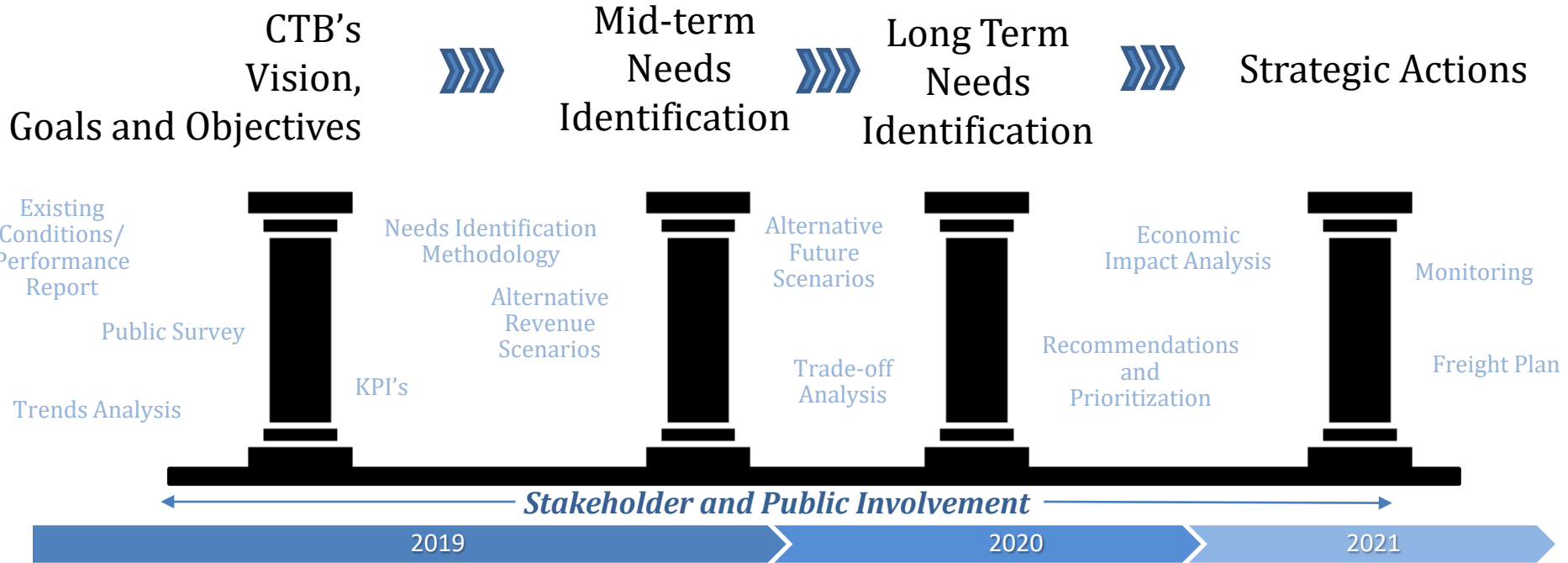
Image Source: USDOT

- Resilient Transportation Infrastructure
- Smart Transportation Infrastructure
- Smarter Investments

- Increase awareness among public and local agencies



KEY MILESTONES





STAKEHOLDER INVOLVEMENT

- With MPO's
 - Presentations at MPOs and PDCs throughout the Commonwealth
 - Fall/Winter 2018-19:
 - 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:
 - Scientific 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