

*VTrans:*  
Virginia's Statewide Multimodal Transportation Plan

Kick-off VTrans Update

Charlottesville/Albemarle MPO TAC 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



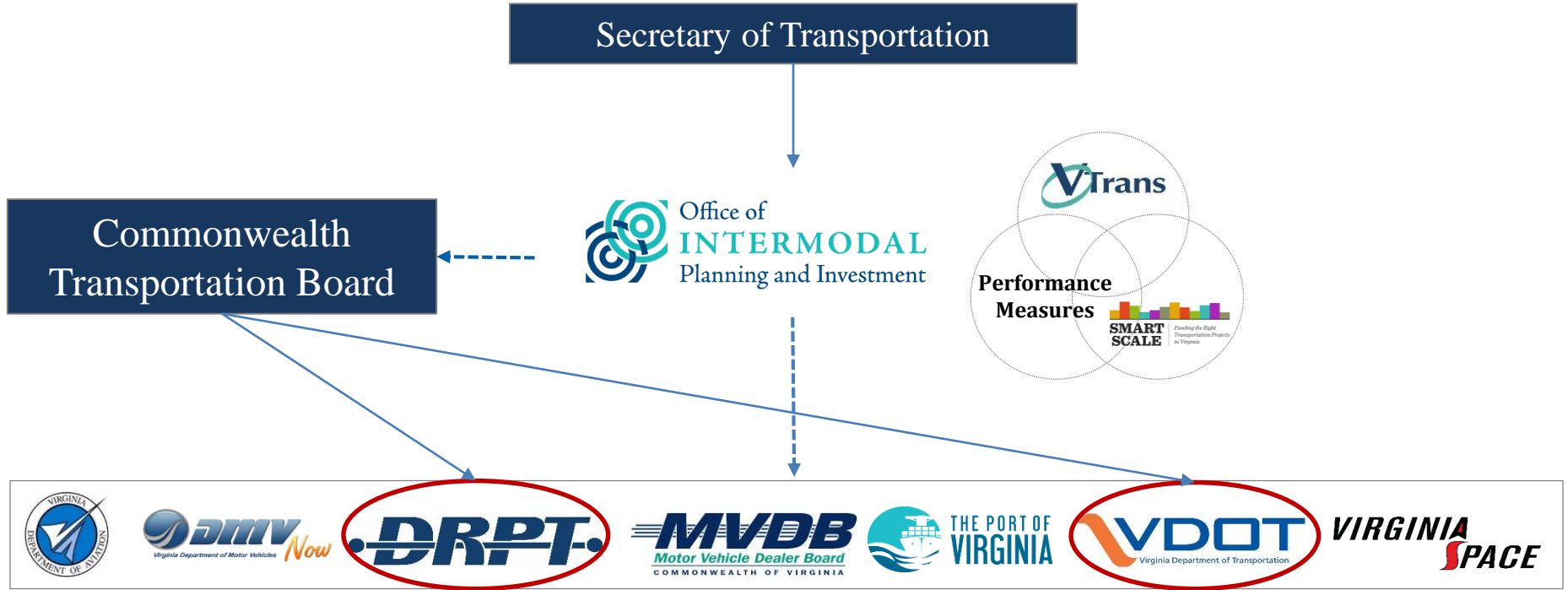


# WHAT IS VTRANS?

- *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



*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

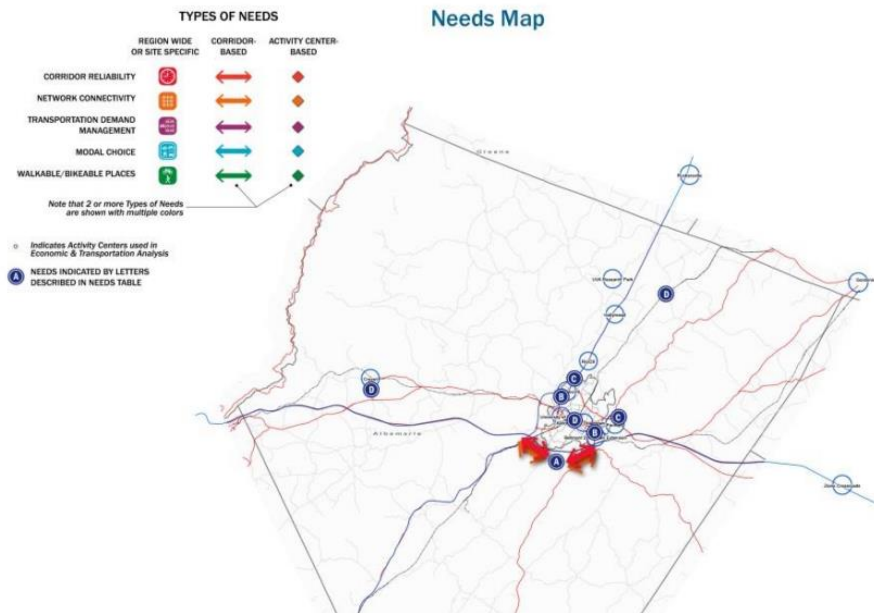
- Needs Assessment
  - Used a ten-year horizon
  - Identified needs by Travel Market:
    - Corridors of Statewide Significance
    - Regional Networks
    - Urban Development Areas (UDA's)
    - Safety (PSI's)
- Recommendations
  - Needs from the above categories were consolidated into one set of needs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





# REVIEW OF VTRANS2040

- Regional Network Needs



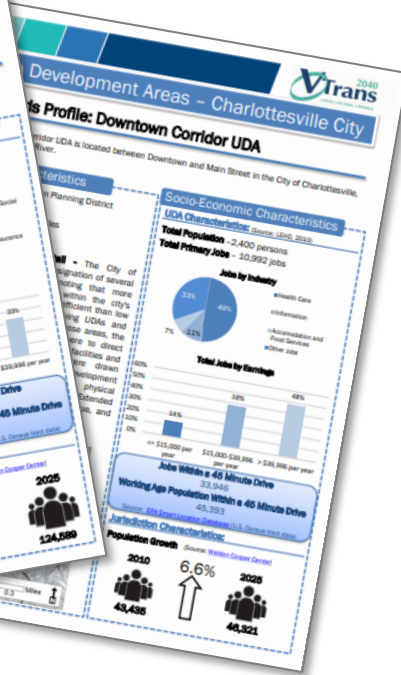
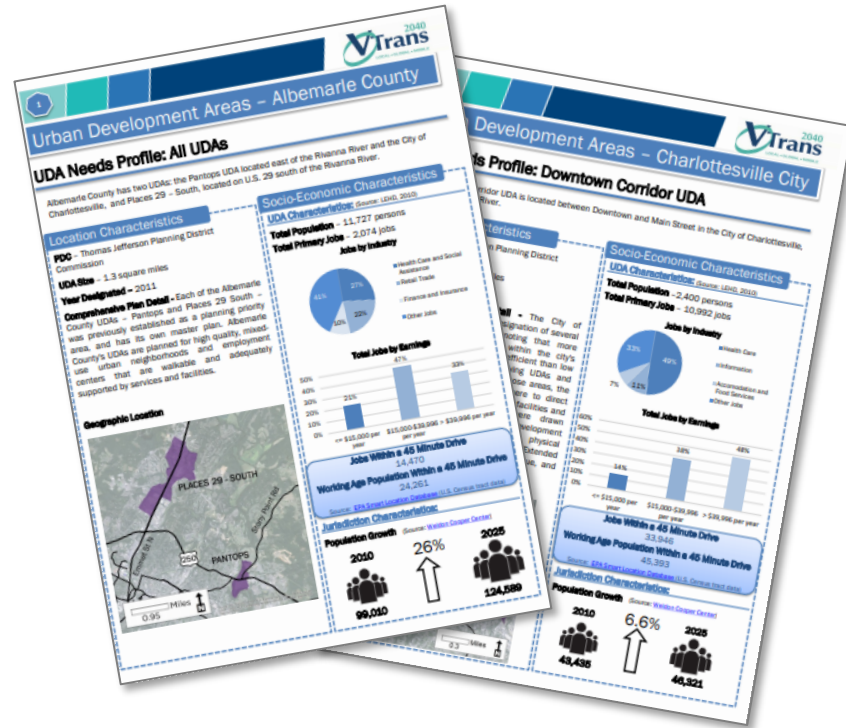
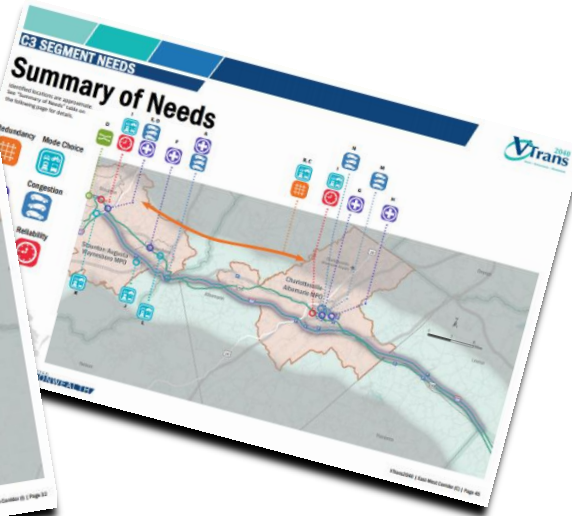
## Needs Table

<b>A. Safe, Reliable Interstate Accessibility</b>		Interstate 64 is the global gateway to the urban region and a critical local artery for commuters, visitors, and goods. Operational improvements to reduce crashes and optimize capacity are critically needed at several major entrance points.
<b>B. Complete Streets and Multimodal Networks</b>		Multimodal accessibility in many activity centers and neighborhoods throughout the City and County is fragmented, isolated, or otherwise limited because of transportation network gaps and fractures. Establishing complete multimodal networks would improve the visibility of neighborhoods, employment centers, retail areas, and service providers to attract residents, employees, visitors, and customers of all ages and abilities.
<b>C. Regional Connectivity</b>		Movement throughout the northern, central, and eastern parts of the region, is constrained by the Rivanna river, two major highways, and two intersecting railway lines. Creative, multimodal strategies are needed to address chronic problems such as bottlenecks and multimodal conflicts around Free Bridge, US 29, US 250 and urban railway crossings. Additional connections are needed to support circulation between major centers such as the UVA Research Park and airport area to central areas including UVA and Downtown.
<b>D. Rail Access</b>		Passenger and freight rail accessibility is critically important to the economy of Charlottesville and surrounding regions. Railway lines and the local Amtrak station bustle with increasing north-south and east-west traffic. Operational improvements are needed to support the growing demand along existing networks, while expanded services could provide significant added value to major activity centers such as Rivanna Station and Crozet.



# 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))

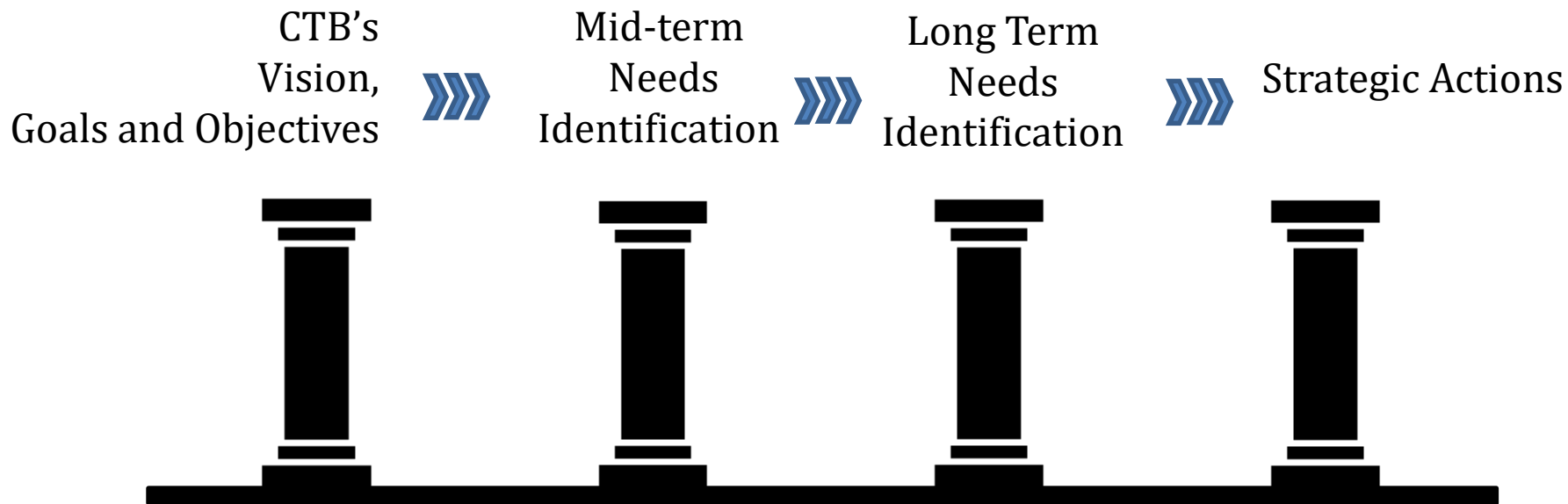


# VTRANS UPDATE KICK-OFF

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



# MAJOR COMPONENTS





# MAJOR COMPONENTS (Vision, Goals, and Objectives)

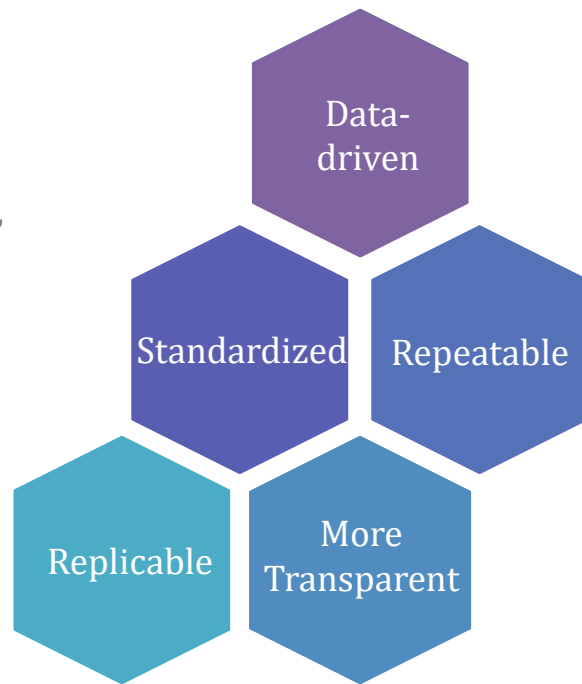
- CTB to review and reaffirm their overall direction for transportation planning & policy
- Vision to be informed by:
  - A public survey
  - Vulnerability assessment
  - Demographic and land use trends, opportunities, and challenges
  - Technology trends, opportunities, and challenges
  - Financial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



# MAJOR COMPONENTS (Mid-term Needs)

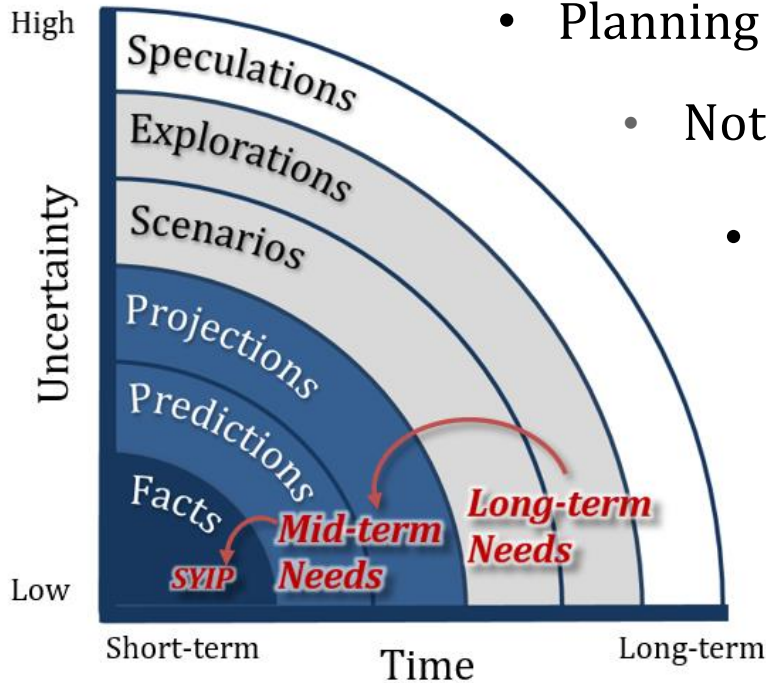
- Planning horizon: 0- 10 years
- **CTB to adopt a policy for needs identification**
  - Define “transportation need”
  - Review of VTrans need categories (e.g. CoSS, RN, UDA, Safety)
  - Utilize adopted Performance Targets, new measures or Key Performance Indicators (KPIs)
- **Adoption of the mid-term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



Image Source: USDOT

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

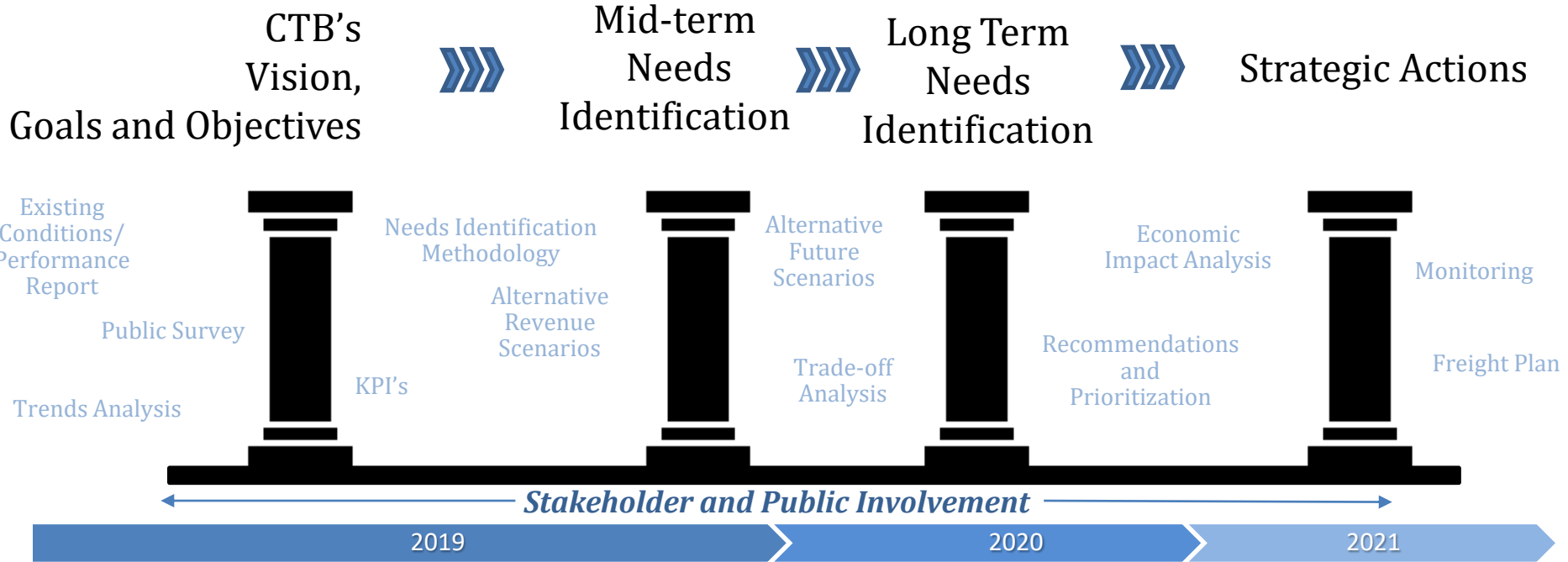


# EXPECTED OUTCOMES

- 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 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



# Thank you

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