

*VTrans:*  
Virginia's Statewide Multimodal Transportation Plan

Kick-off VTrans Update

Win-Fred MPO TAC Meeting  
November 6, 2018

Katie Schwing, AICP  
Senior Transportation Planner  
Office of Intermodal Planning and Investment (OIPi)





# OUTLINE

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



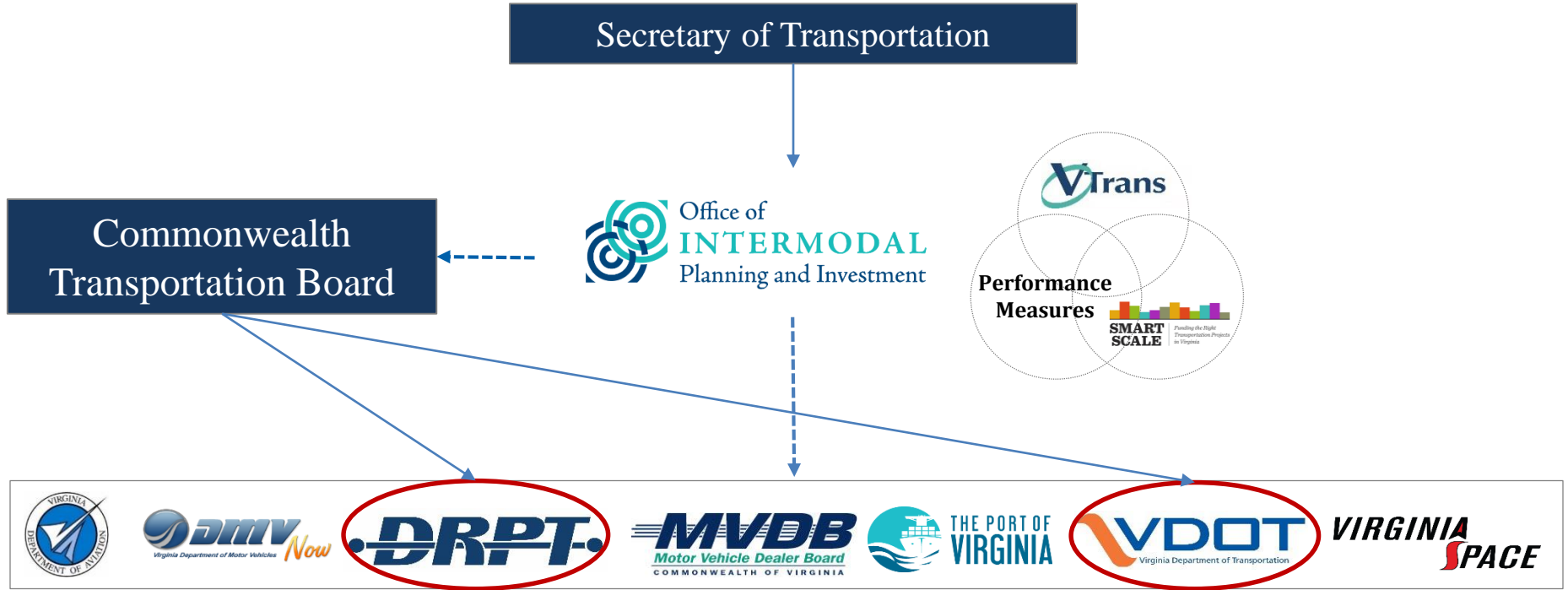


# WHAT IS VTRANS?

- *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 were approved by CTB in December 2015
  - Needs approved by CTB in December, 2015
  - Recommendations approved by CTB in January, 2018
- Implementation Plan went to CTB for review in November, 2018





# REVIEW OF VTRANS2040

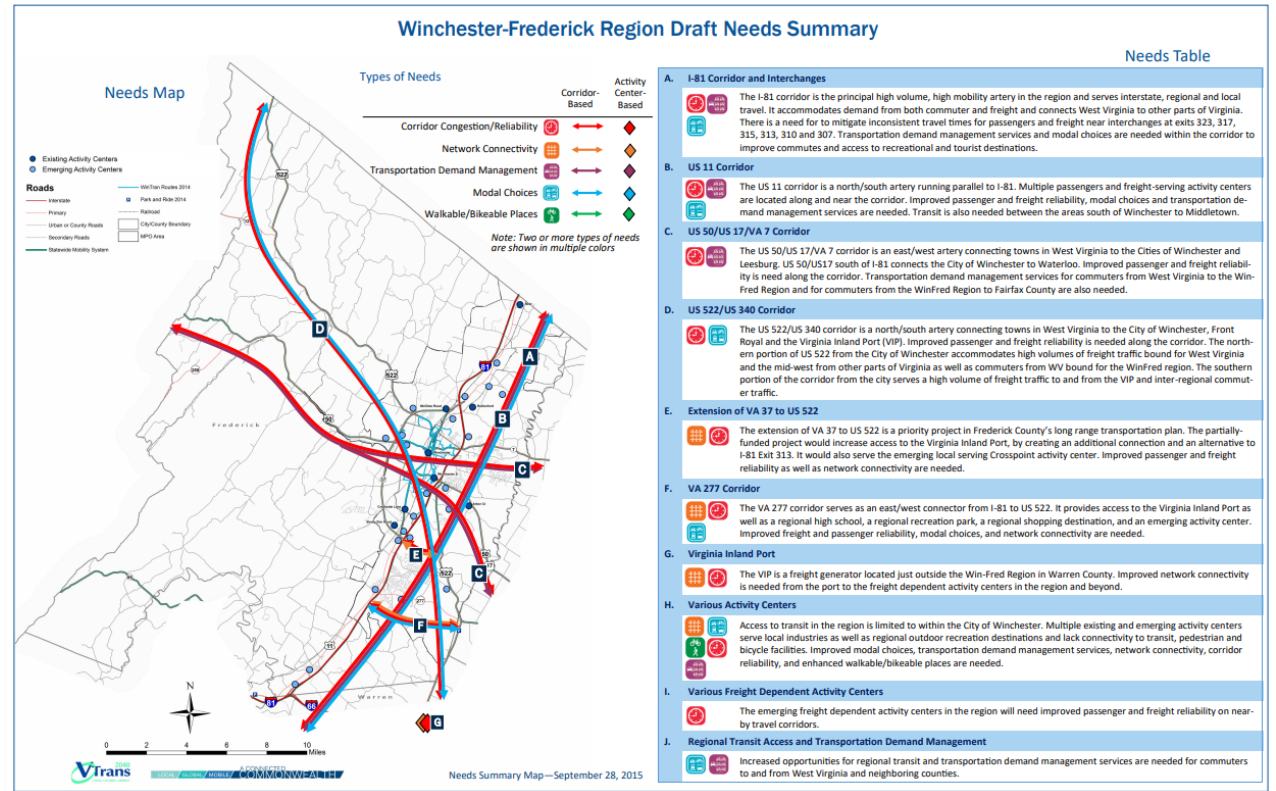
- Needs Assessment
  - Used a ten-year horizon
  - Identified needs by Travel Market:
    - Corridors of Statewide Significance
    - Regional Networks
    - Urban Development Areas (UDA's)
    - Safety (PSI's)
- Recommendations
  - Needs from the above categories were consolidated into one set of needs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





# REVIEW OF VTRANS2040

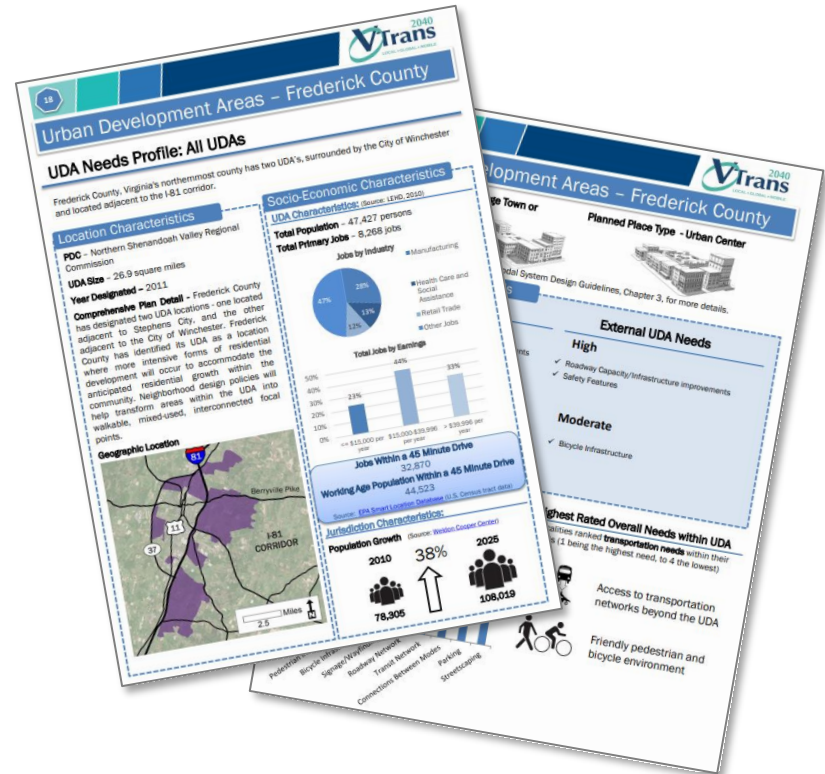
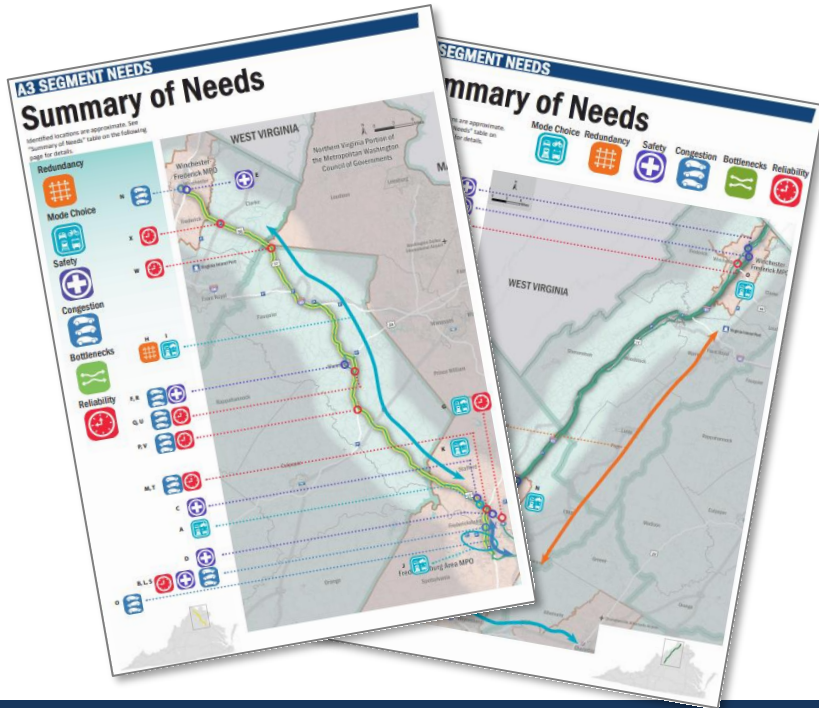
- Regional Network Needs





# 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))

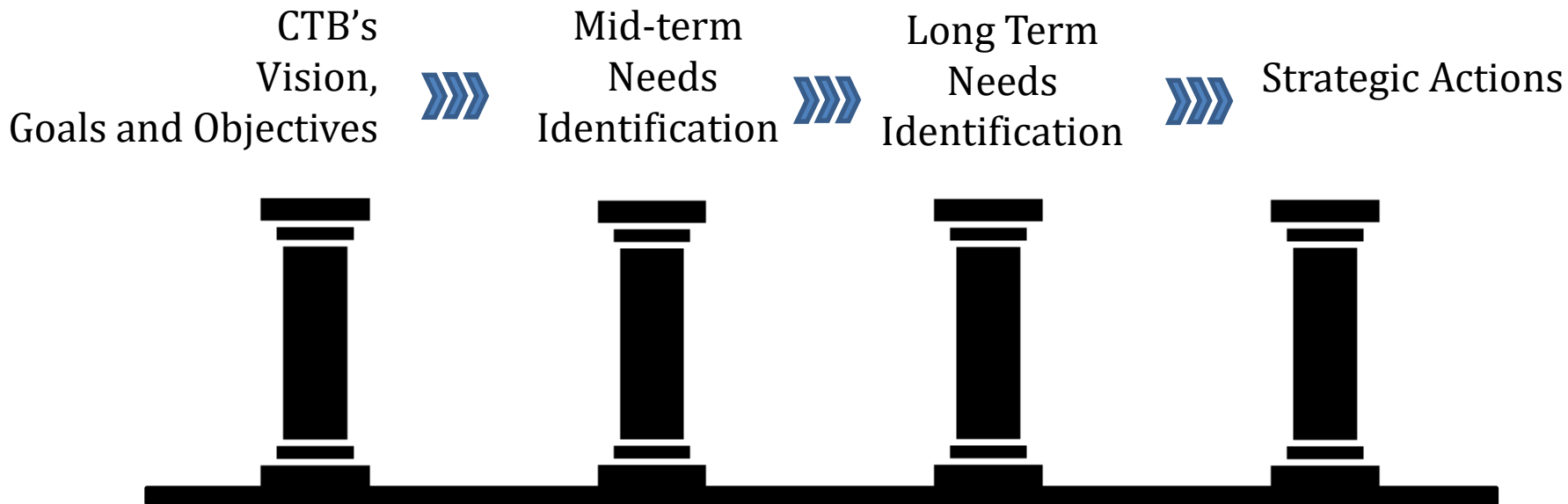


# VTRANS UPDATE KICK-OFF

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



# MAJOR COMPONENTS





# MAJOR COMPONENTS (Vision, Goals, and Objectives)

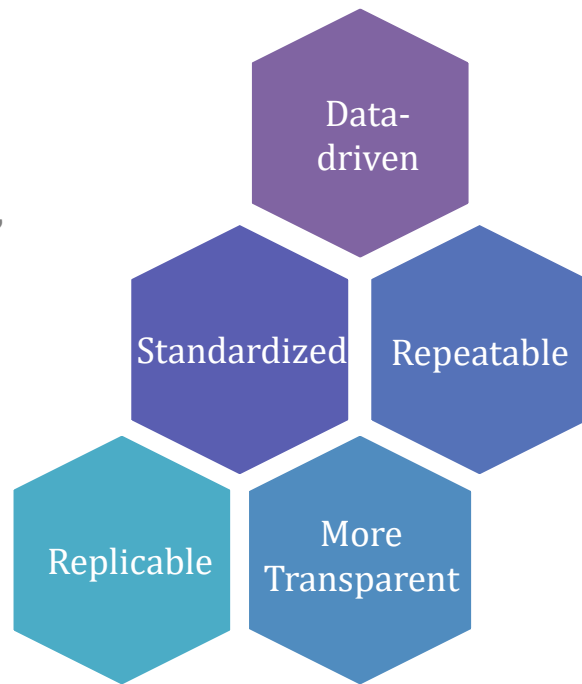
- CTB to review and reaffirm their overall direction for transportation planning & policy
- Vision to be informed by:
  - A public survey
  - Vulnerability assessment
  - Demographic and land use trends, opportunities, and challenges
  - Technology trends, opportunities, and challenges
  - Financial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



# MAJOR COMPONENTS (Mid-term Needs)

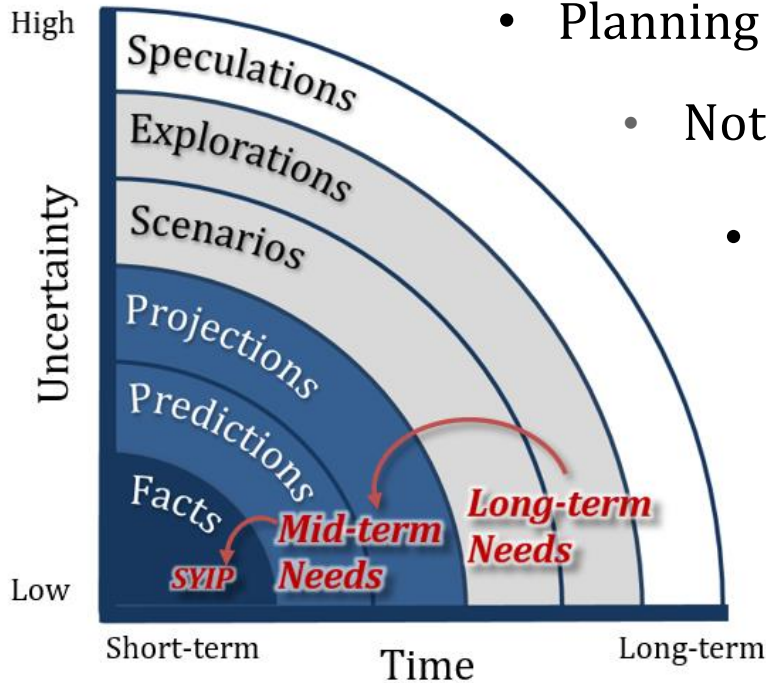
- Planning horizon: 0- 10 years
- **CTB to adopt a policy for needs identification**
  - Define “transportation need”
  - Review of VTrans need categories (e.g. CoSS, RN, UDA, Safety)
  - Utilize adopted Performance Targets, new measures or Key Performance Indicators (KPIs)
- **Adoption of the mid-term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

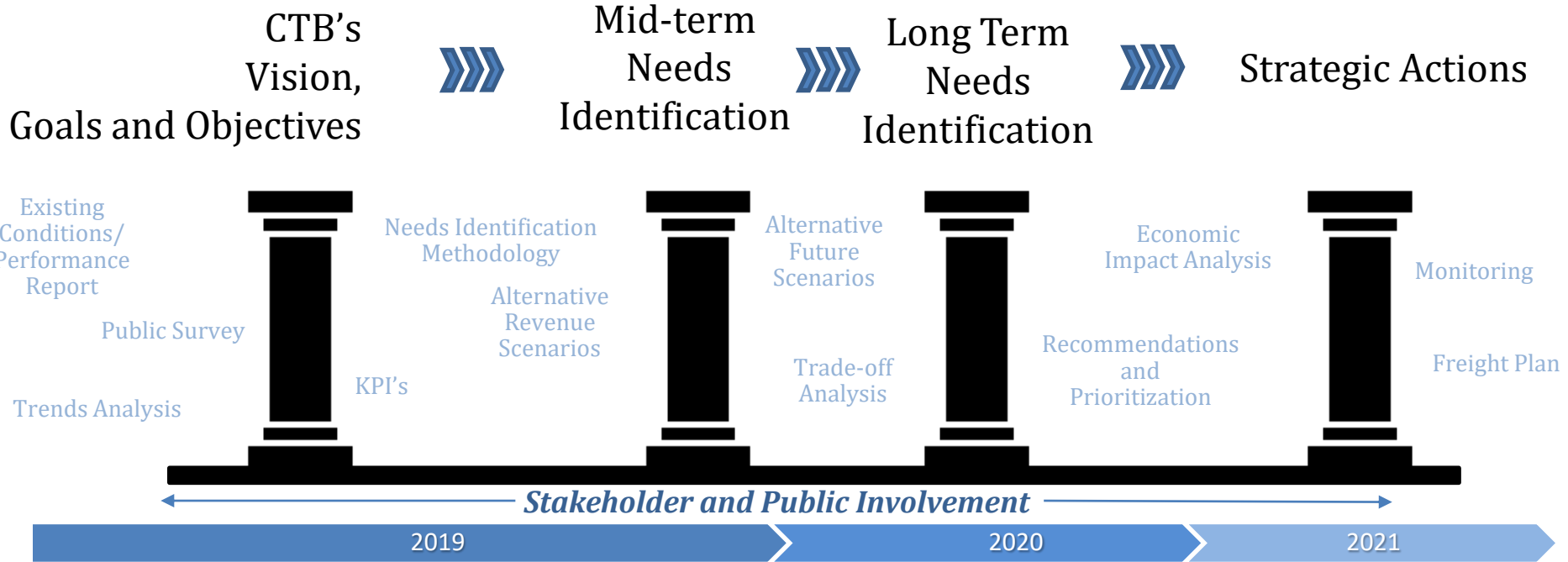


# EXPECTED OUTCOMES

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