VTrans:
Virginia's Statewide Multimodal Transportation Plan

Kick-off VTrans Update

West Piedmont PDC
Transportation Technical Advisory Committee
January 11, 2019

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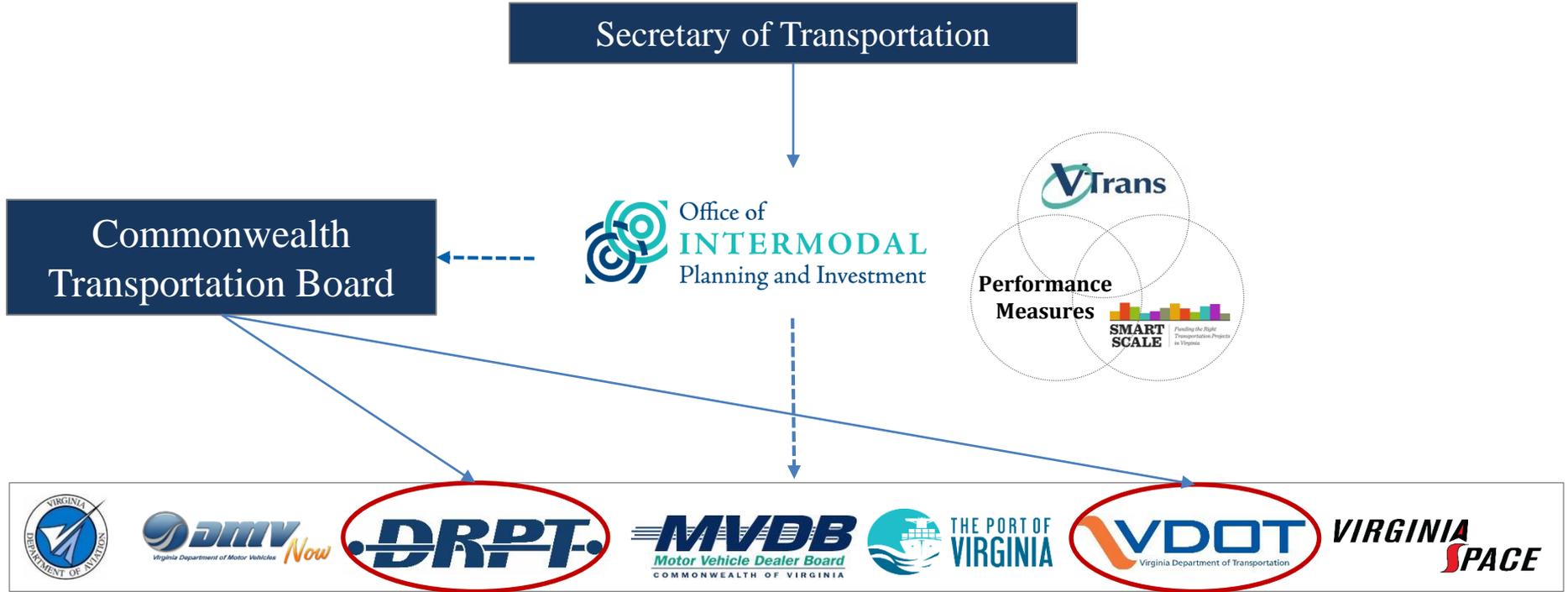
OIPI assists the Commonwealth Transportation Board in the Development of VTrans.

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REVIEW OF VTRANS2040

- <u>Vision, Goals, Objectives and Guiding Principles</u> - approved by CTB in December 2015

- <u>Needs</u> - approved by CTB in December, 2015

- <u>Recommendations</u> - approved by CTB in January, 2018

- <u>Implementation Plan</u> - approved by CTB for review in December, 2018
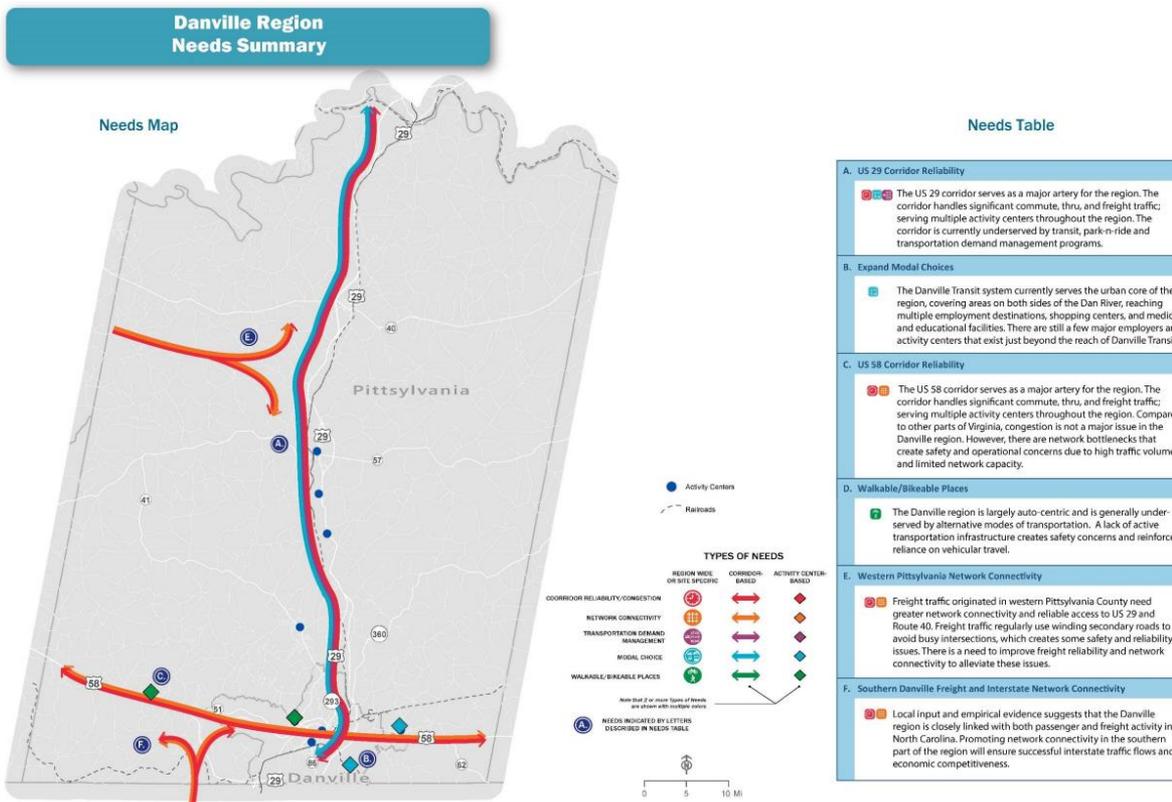
REVIEW OF VTRANS2040

- 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
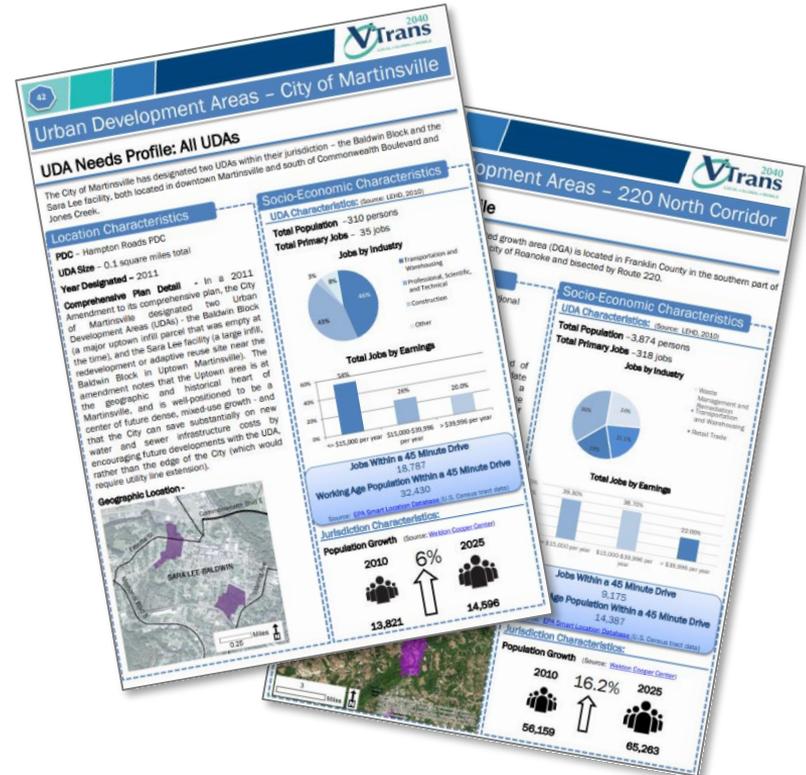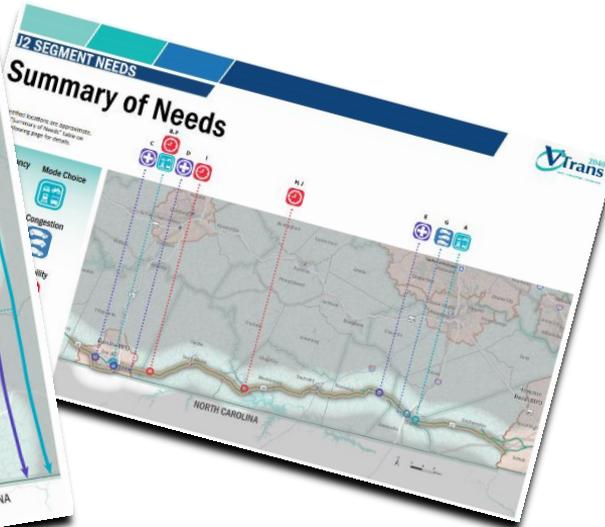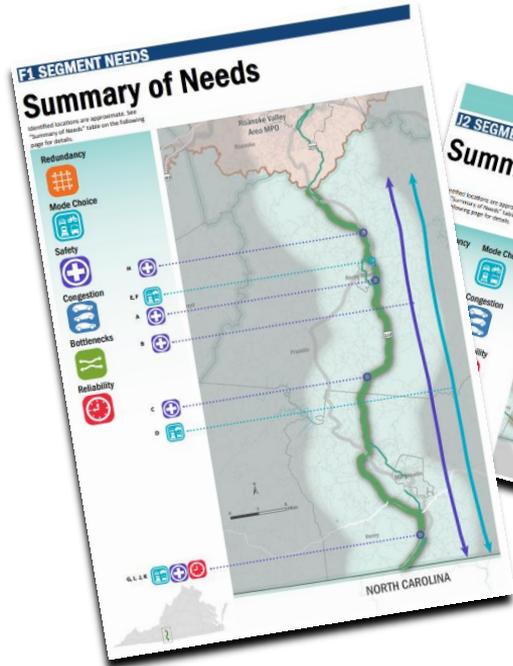
- Regional Network Needs

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REVIEW OF VTRANS2040

- CoSS and UDA Needs

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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)

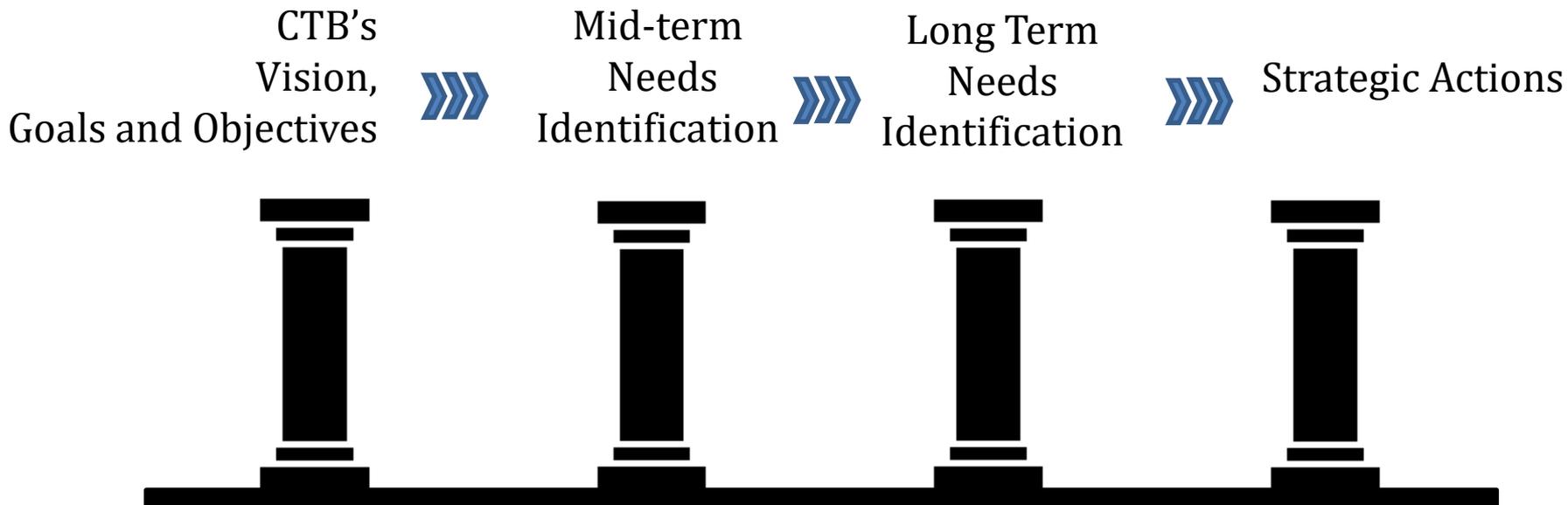*Office of the* SECRETARY *of* TRANSPORTATION

VTRANS UPDATE KICK-OFF

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

MAJOR COMPONENTS

CTB's Vision, Goals and Objectives ⟫ Mid-term Needs Identification ⟫ Long Term Needs Identification ⟫ Strategic Actions

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# 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

- 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:

Data-driven

Standardized

Repeatable

Replicable

More Transparent
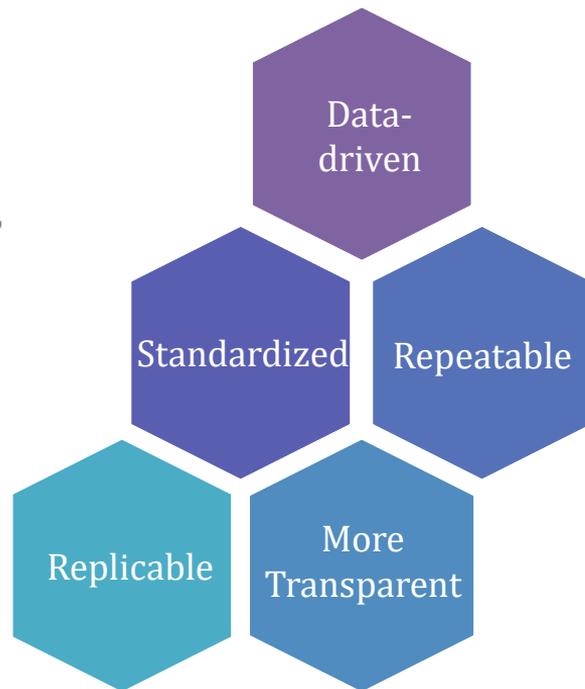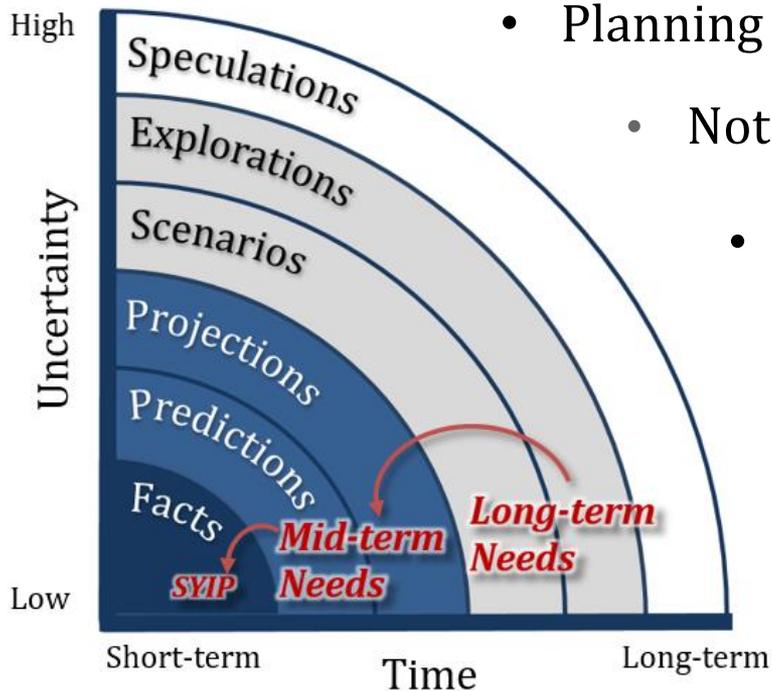
- Planning horizon: 10+ years

  - 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**

- Develop strategic actions for CTB consideration:
  – Policy options and recommendations
  – Priorities for project planning activities

- 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

Image Source: USDOT

- Resilient Transportation Infrastructure
- Smart Transportation Infrastructure
- Smart*er* Investments

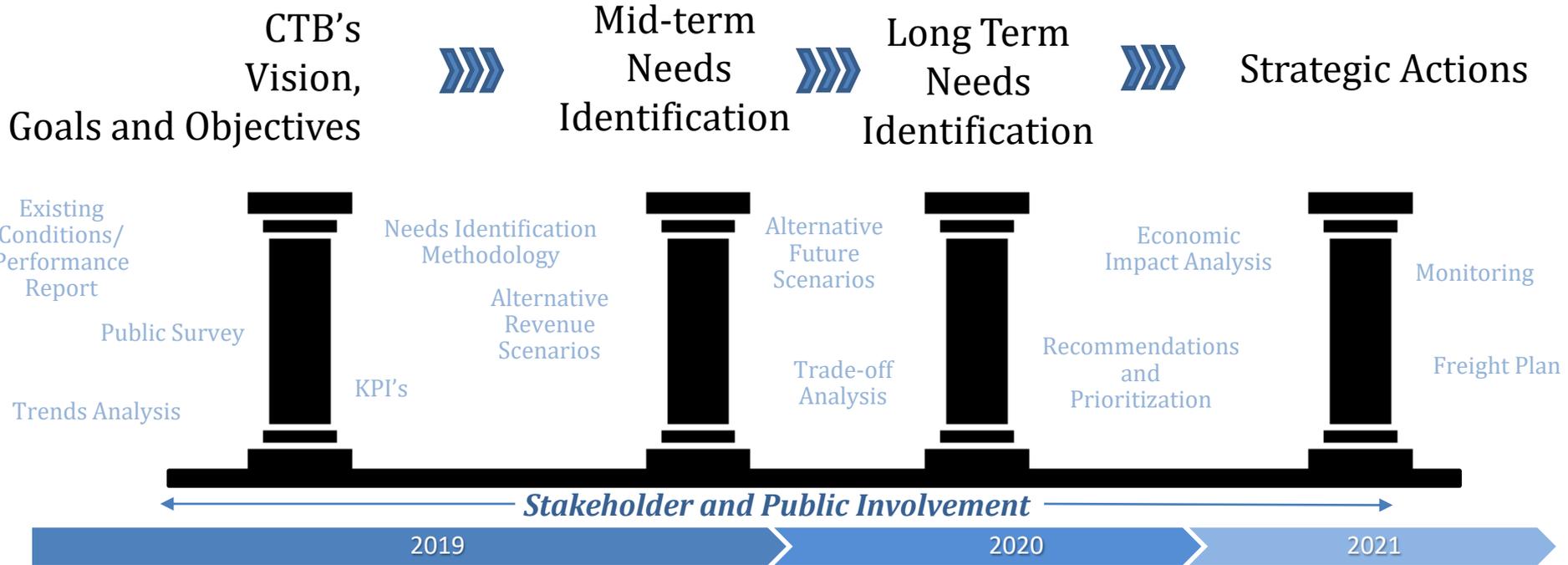- Increase awareness among public and local agencies

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

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KEY MILESTONES

CTB's Vision, Goals and Objectives ⟫⟫ Mid-term Needs Identification ⟫⟫ Long Term Needs Identification ⟫⟫ Strategic Actions

Existing Conditions/ Performance Report

Public Survey

Trends Analysis

KPI's

Needs Identification Methodology

Alternative Revenue Scenarios

Alternative Future Scenarios

Trade-off Analysis

Economic Impact Analysis

Recommendations and Prioritization

Monitoring

Freight Plan

Stakeholder and Public Involvement

2019 — 2020 — 2021

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

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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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