VTrans:
Virginia's Statewide Multimodal Transportation Plan

Kick-off VTrans Update

NVTA RJACC Meeting
February 28, 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
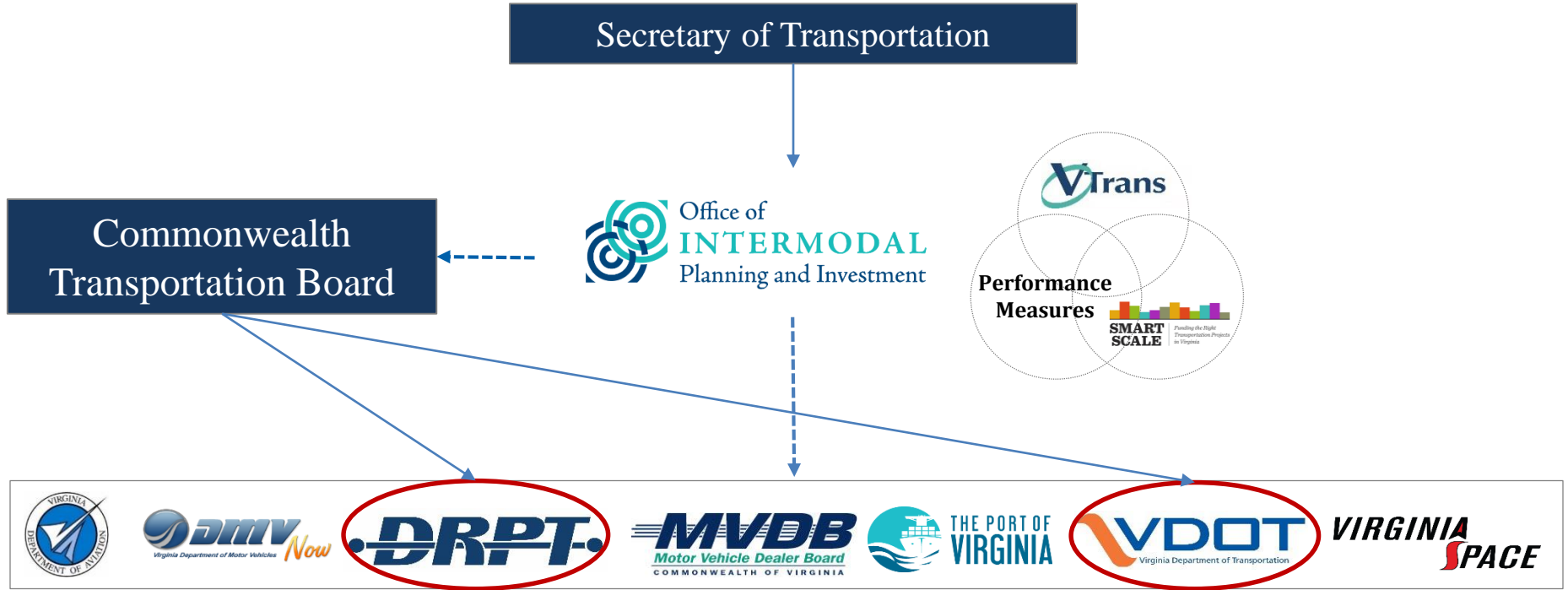
OIPI assists the Commonwealth Transportation Board in the Development of VTrans.

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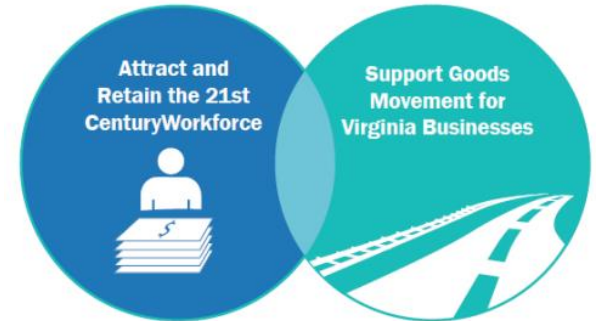
REVIEW OF VTRANS2040

- 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

See VTrans.org for reports
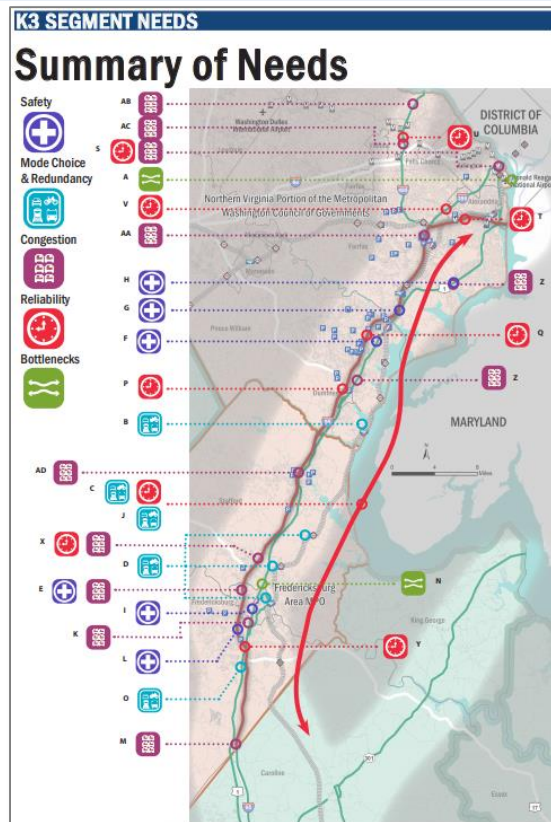
Needs Map: Need B
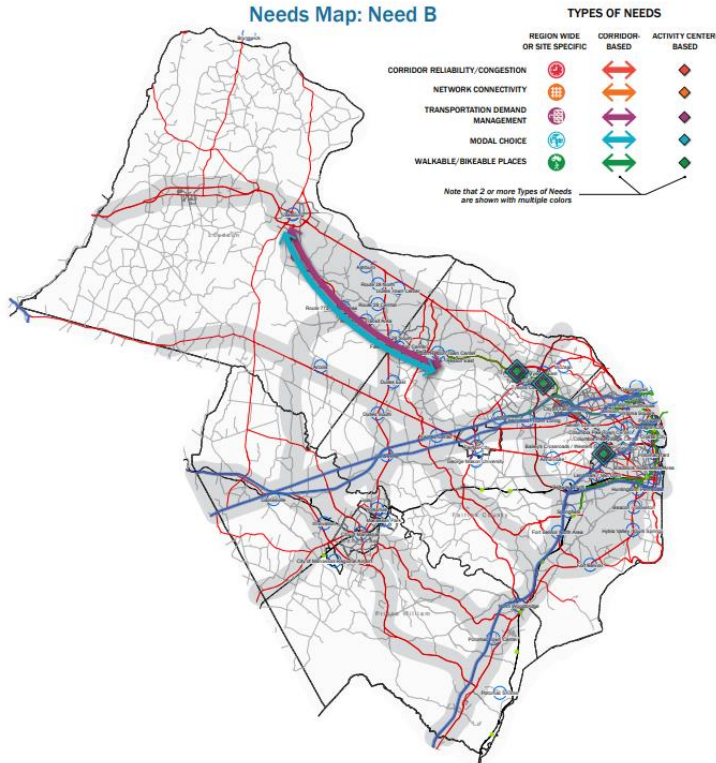
A.	Enhance multimodal networks and facilities around transit access points…
B.	Increase equity in access to high quality transportation facilities
C.	Make roadway safety and operational improvements to alleviate bottlenecks and reduce acute congestion…
D.	Expand and improve multimodal accessibility to existing and emerging hubs of economic activity
E.	Improve bicycle and pedestrian facilities and networks to provide additional and uninterrupted connections…
F.	Improve multimodal connectivity among existing and emerging activity centers
G.	Improve rail accessibility and reliability for both freight and passengers

"Washington to NC Corridor"

- I-95
- I-395
- I-495
- U.S. 1
- WMATA Blue Line
- WMATA Yellow Line
- Virginia Railway Express
- CSX National Gateway Corridor
- Port of Alexandria
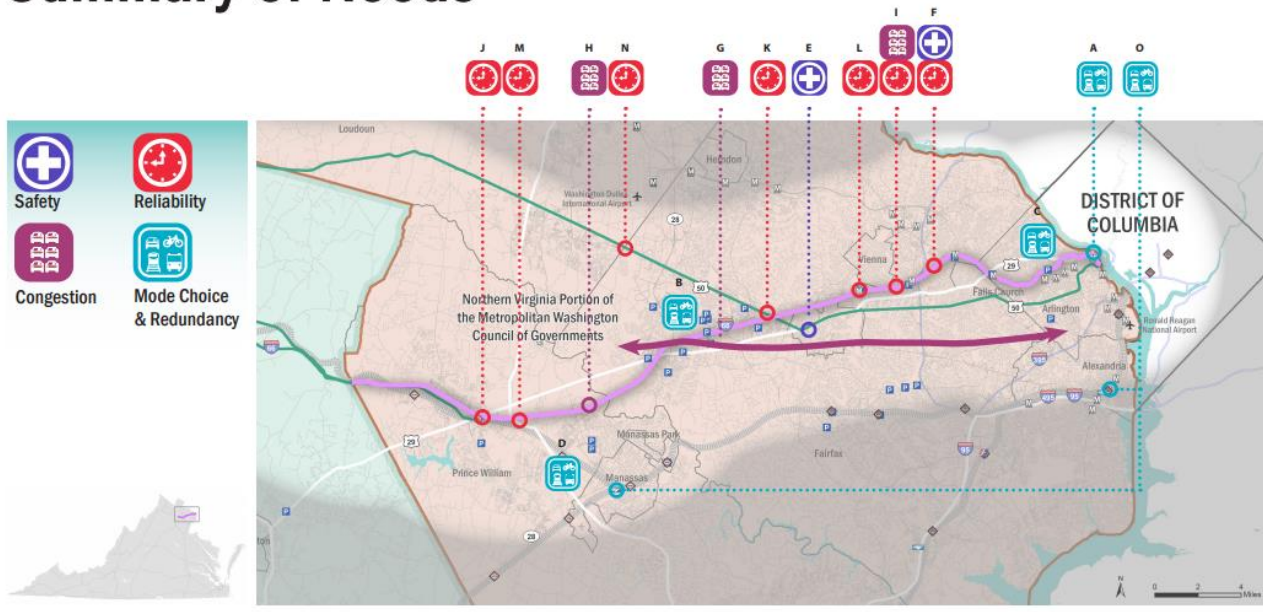- Amtrak
- Ronald Reagan National Airport

K3 SEGMENT NEEDS

Summary of Needs

Safety

Mode Choice & Redundancy

Congestion

Reliability

Bottlenecks

DISTRICT OF COLUMBIA

Northern Virginia Portion of the Metropolitan Washington Council of Governments

MARYLAND

Fredericksburg Area MPO

King George

"Northern Virginia Corridor"

- I-66
- US 50
- WMATA Orange Line
- VRE Manassas Line
- Amtrak
- Washington Dulles International Airport
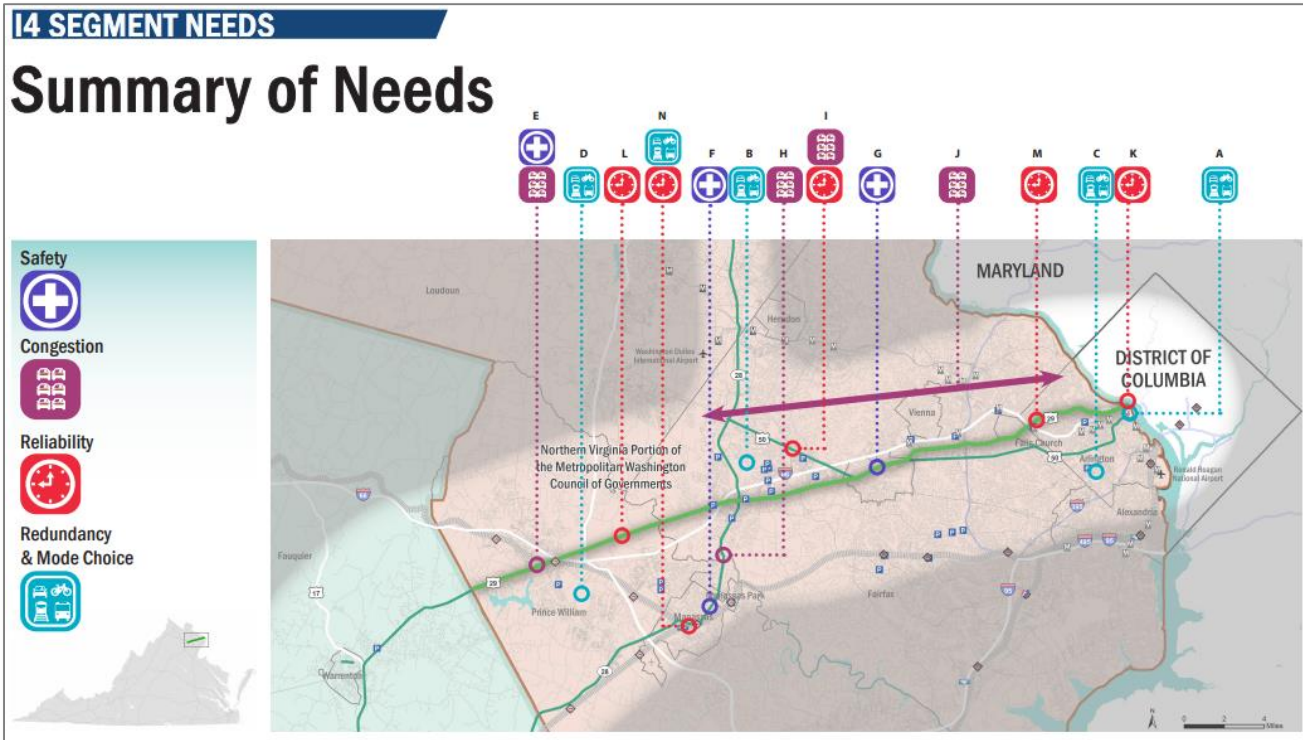- Ronald Reagan Washington National Airport

"Seminole Corridor"

- US 29
- US 50
- Route 28
- WMATA Orange Line
- VRE Manassas Line
- Amtrak
- Washington Dulles International Airport
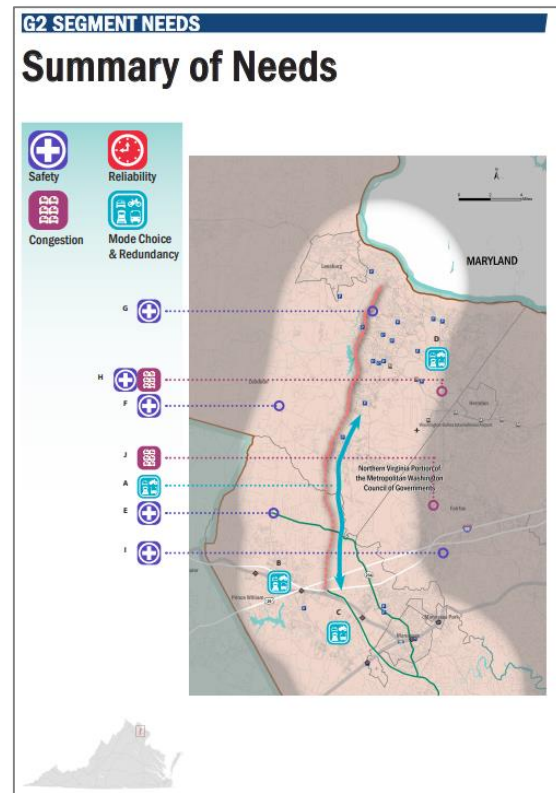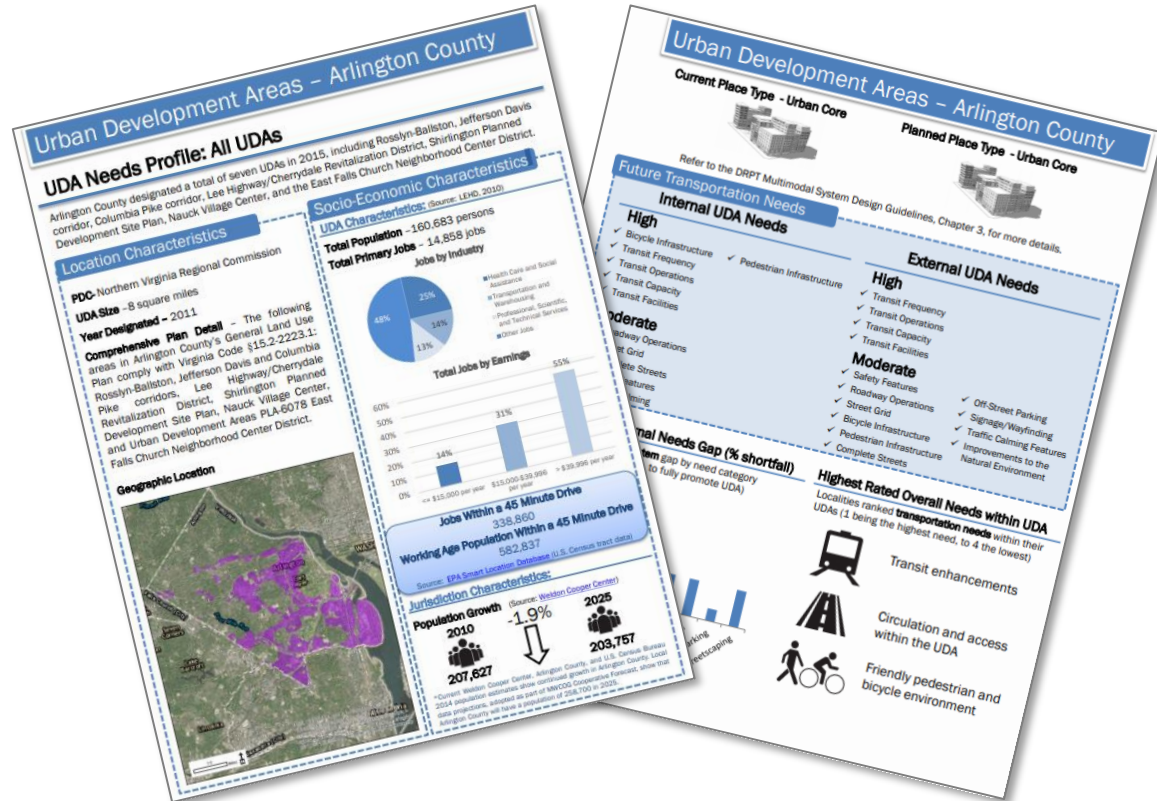
"North-South Corridor"

- Route 234/Prince William Parkway
- Route 234
- Route 659
- Bi-County Parkway
- Northstar Boulevard
- Washington Dulles International Airport

- Arlington County
  - multiple
- City of Fairfax
- Fairfax County
  - Tysons Corner
  - Herndon
- City of Manassas
- City of Falls Church
- Loudoun County

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)

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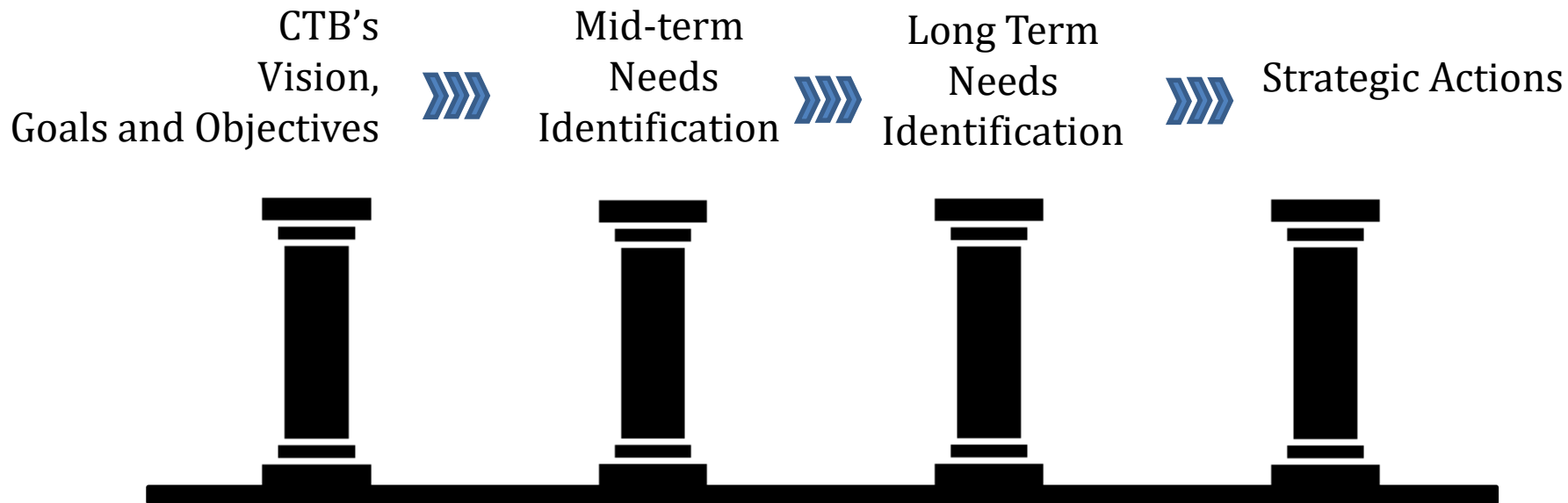# VTRANS UPDATE KICK-OFF

- Major components

- Key modifications from VTrans2040

- Expected outcomes

- Tentative timeline

- Stakeholder Involvement

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MAJOR COMPONENTS

CTB's
Vision,
Goals and Objectives

Mid-term
Needs
Identification

Long Term
Needs
Identification

Strategic Actions

- 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

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- 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
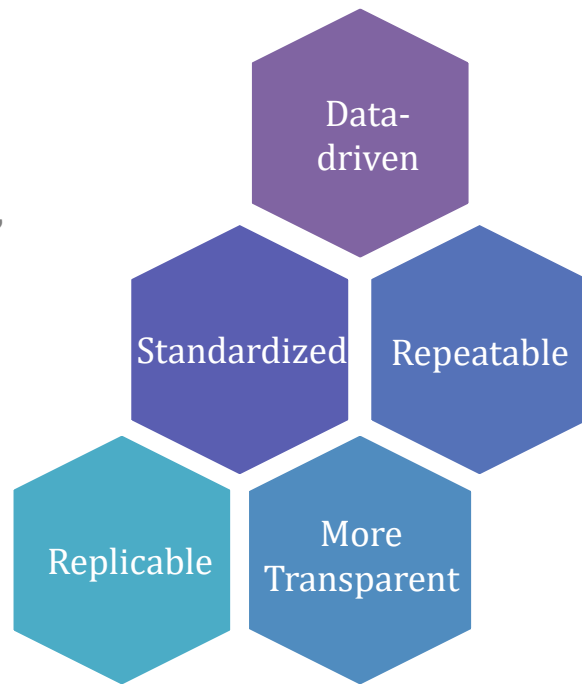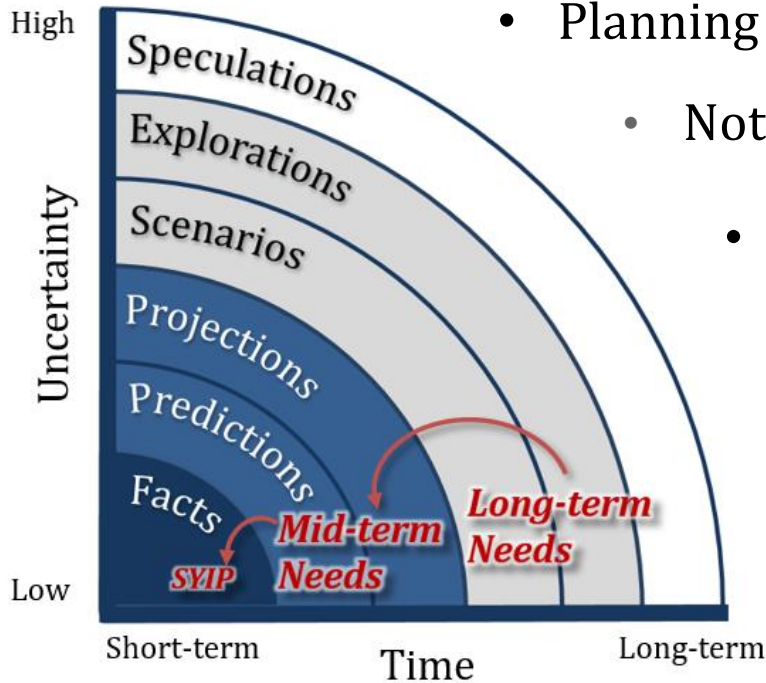
- Planning horizon: 10+ years
  - Not an attempt to predict, but to be prepared
    - Develop three scenarios, associated needs and revenue impacts
      - Establish connection between mid-term and long-term needs
        - **Finalize by 2020**

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

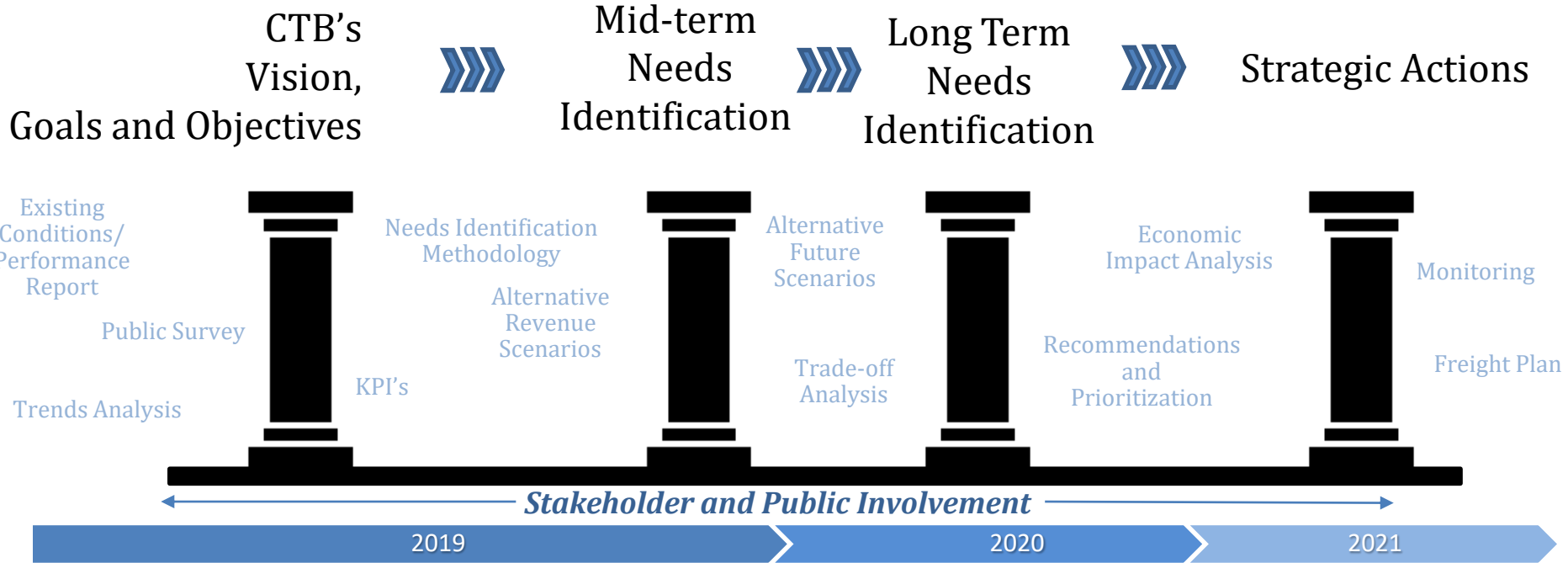*Office of the* SECRETARY *of* TRANSPORTATION

Image Source: USDOT

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

- Increase awareness among public and local agencies

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
    - 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

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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
  - "Pop Up Events": VTrans booth at festivals & fairs across the state
  - Continued involvement through Fall Transportation Meetings
  - Online and social media presence:
    - www.vtrans.org
    - Facebook - @vtransvirginia
    - Instagram - @vtransvirginia

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Thank you

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