



COMMONWEALTH of VIRGINIA  
*Office of the*  
SECRETARY of TRANSPORTATION

**VTRANS:**  
**APPROACH TO PRIORITIZING THE MID-TERM TRANSPORTATION NEEDS**  
NVTARJACC Meeting

Katie Schwing, AICP  
Virginia Office of Intermodal Planning & Investment

September 24th, 2020



# AGENDA

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- Background
- Prioritization of the 2019 Mid-term Needs
  - Context and Significance
  - Steps
  - 2020 VTrans Virtual Workshops

## BACKGROUND

- In VTrans, needs are identified for two planning horizons.
  - Mid-term
  - Long-term

	Mid-Term Needs	Long-Term Needs
<b>Planning Horizon</b>	<ul style="list-style-type: none"><li>• 7 - 10 years</li></ul>	<ul style="list-style-type: none"><li>• 10 – 25 years</li></ul>
<b>Purpose</b>	<ul style="list-style-type: none"><li>• Screen SMART SCALE applications</li><li>• Prioritize VDOT Revenue Sharing applications</li><li>• Forms the basis of VTrans Multimodal Project Study Pipeline</li></ul>	<ul style="list-style-type: none"><li>• Inform policy to prepare for gradual and systematic change</li></ul>
<b>Board Action</b>	<ul style="list-style-type: none"><li>• Adopted in January 2020</li></ul>	<ul style="list-style-type: none"><li>• Requested in 2021</li></ul>

## BACKGROUND

- The [Commonwealth Transportation Board \(CTB\)](#) accepted the [2019 Mid-term Transportation Needs](#) in January, 2020
- At that time, the CTB also directed the Office of Intermodal Planning and Investment to Prioritize the 2019 Mid-term Transportation Needs

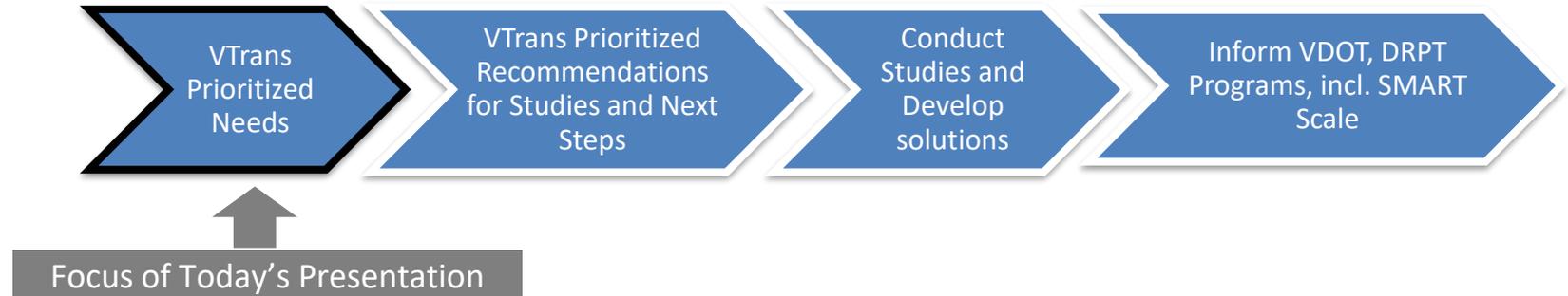


## PRIORITIZATION OF VTRANS MID-TERM NEEDS | CONTEXT AND SIGNIFICANCE

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- Based on the CTB's direction, the Prioritized Mid-term Needs may be used to:
  - Inform VDOT and DRPT's investments in planning and project development activities
  - Develop of policies related to transportation programs and activities
  - Inform other programmatic or planning related functions
- Finally, local and regional planning agencies may utilize the prioritized Needs to inform local and regional planning efforts.

- VTrans Multimodal Project Study Pipeline
  - January 2020: [Resolution](#): Direction to prioritize the VTrans 2019 Mid-term Needs
  - May 2020: [Presentation](#): Approach for the Project Study Pipeline (Below)
  - July 2020: [Presentation](#): Approach for the Prioritization of the VTrans Mid-term Needs

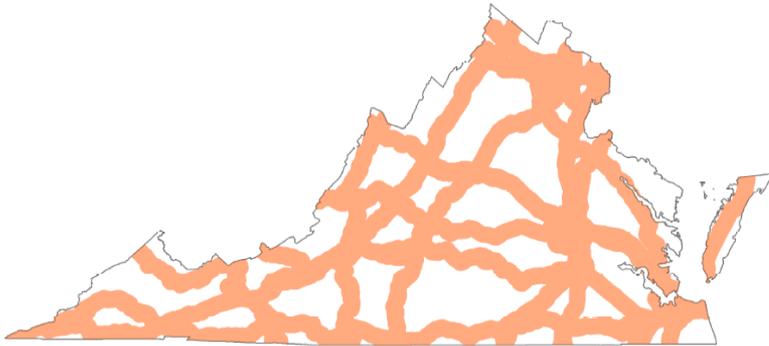


# PRIORITIZATION OF VTRANS MID-TERM NEEDS | STEPS

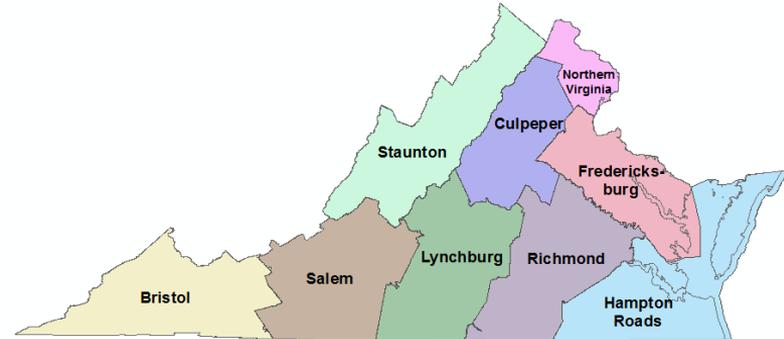
## 1. Define Geographical Levels of Prioritization

Establish criteria for aggregating VTrans Need Categories:

- **Statewide Prioritization:** Needs along Corridors of Statewide Significance (CoSS) and Safety Travel Markets (on COSS)
- **District Prioritization:** Needs within the Regional Networks (RN), Safety, and UDA (IEDA Access) Travel Markets



Statewide Prioritization (along COSS)



District Prioritization

# PRIORITIZATION OF VTRANS MID-TERM NEEDS | STEPS

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## STEP 2

Prioritize within  
Needs Categories

Establish priorities within each VTrans Need Category:

- Criteria 1: Severity of the Need
- Criteria 2: Magnitude (e.g. Number of Users or Vehicles Affected)

# PRIORITIZATION OF VTRANS MID-TERM NEEDS | STEPS

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## STEP 3

Weigh and  
Aggregate Needs  
across Needs  
Categories

**Identify Statewide and District-Priority locations by applying weights to VTrans Need categories**

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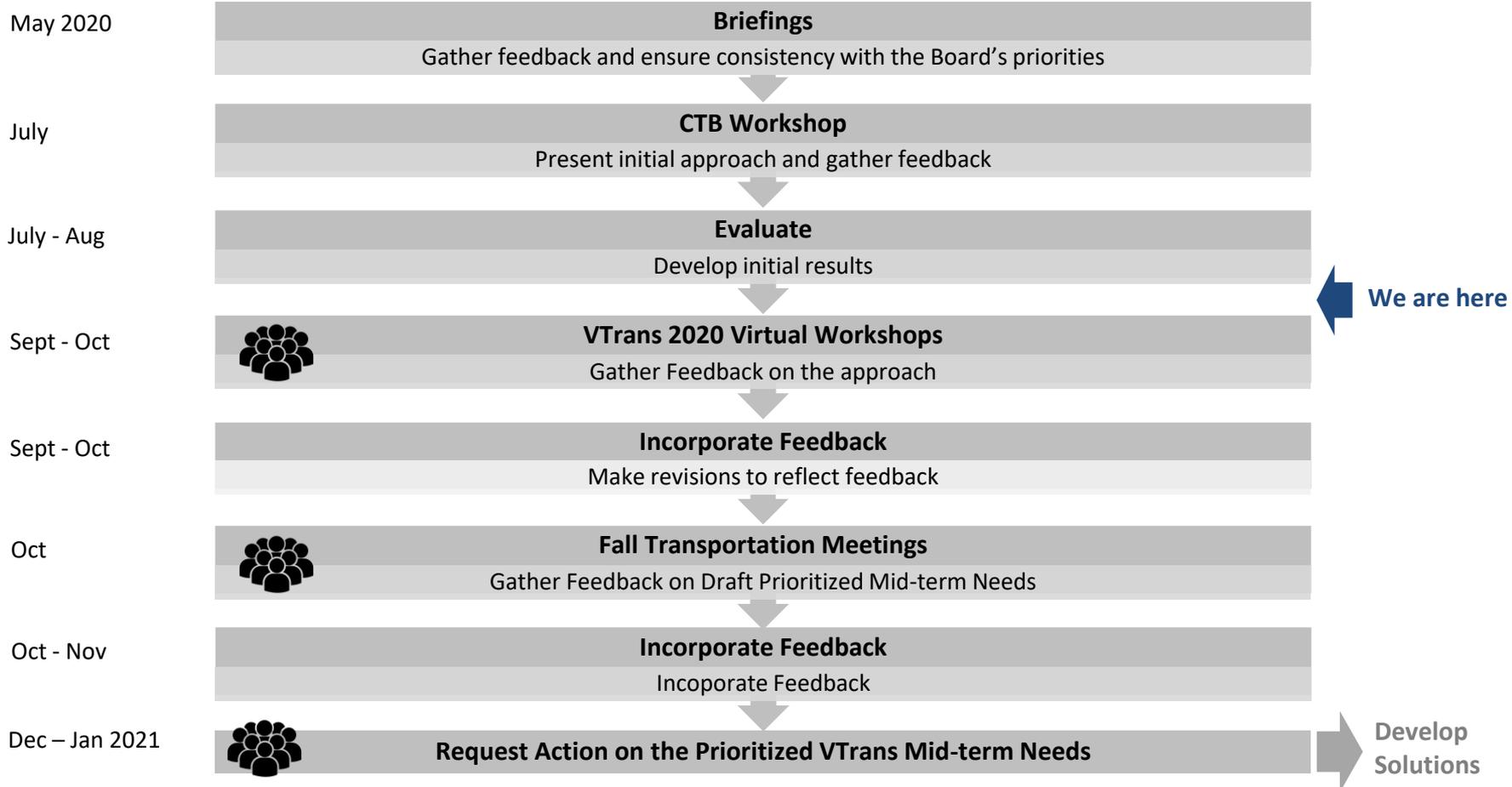
## STEP 4

Adjust Priorities  
for Influencing  
Factors

**Adjust the Statewide and District Priority locations by considering the following influencing factors**

- Co-located bridge and pavement repair, rehabilitation, or replacement needs
- Exposure to Sea-level Rise, Storm Surge and Inland/Riverine Flooding

# CONTEXT AND OVERVIEW | SCHEDULE



## PRIORITIZATION OF VTRANS MID-TERM NEEDS | 2020 VIRTUAL WORKSHOPS

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- Similar to the 2019 VTrans Regional Workshops, we plan on virtual engagement to seek feedback
  - Utilization of [InteractVTrans](#) to display results
  - Online forum to engage with OIPI and other transportation partners



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**Thank you**