VTRANS:

APPROACH TO PRIORITIZING THE MID-TERM TRANSPORTATION NEEDS

WinFred MPO TAC Meeting

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1

AGENDA

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

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

BACKGROUND

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

	Mid-Term Needs	Long-Term Needs
Planning Horizon	• 7 - 10 years	• 10 – 25 years
Purpose	• Screen SMART SCALE applications • Prioritize VDOT Revenue Sharing applications • Forms the basis of VTrans Multimodal Project Study Pipeline	• Inform policy to prepare for gradual and systematic change
Board Action	• Adopted in January 2020	• Requested in 2021

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- Based on the CTB's direction, the Prioritized Mid-term Needs may be used to:
  - Inform state-level planning and project development processes
  - 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**
  - In January 2020, the Board directed OIPI to prioritize the identified 2019 Mid-term Needs
  - In May 2020, Deputy Secretary Donohue presented the following overarching approach:

Prioritize Mid-Term Needs → Identify locations for further evaluation → Develop solutions → Inform VDOT, DRPT Programs, incl. SMART Scale
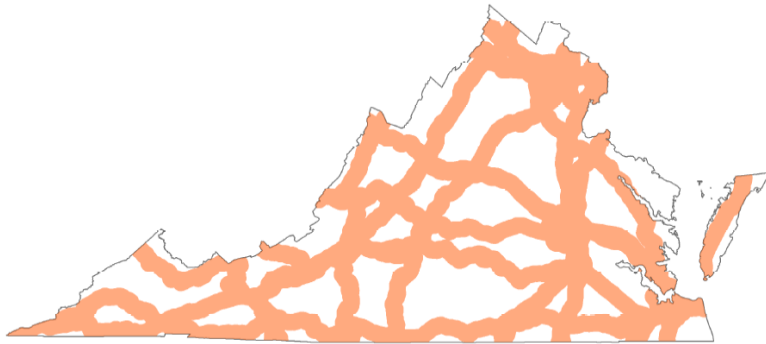
- **Significance of This Work**
  - This works informs VDOT and DRPT investments for various types of studies

PRIORITIZATION OF VTRANS MID-TERM NEEDS ǀ STEPS

1. Define Geographical Levels of Prioritization	**Establish criteria for aggregating VTrans Need Categories:** • **Commonwealth 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

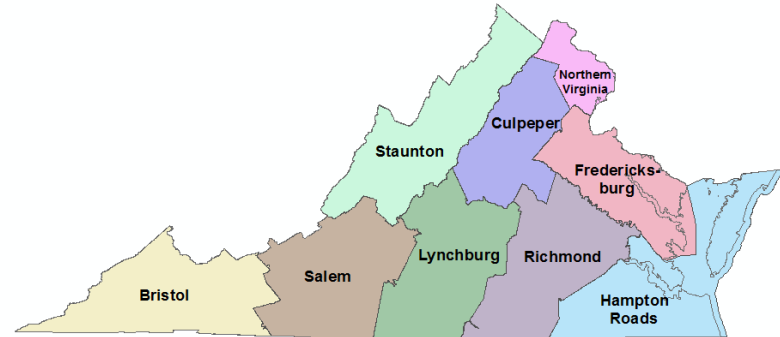Statewide Prioritization (along COSS)

District Prioritization

1. **Define Geographical Levels of Prioritization**

Establish criteria for aggregating VTrans Need Categories:
- **Commonwealth 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

2. **Prioritize within Needs Categories**

Establish priorities within each VTrans Need Category:
- Criteria 1: Severity of the Need
- Criteria 2: Number of Users Affected

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PRIORITIZATION OF VTRANS MID-TERM NEEDS | STEPS

1. Define Geographical Levels of Prioritization

Establish criteria for aggregating VTrans Need Categories:
- **Commonwealth Prioritization**: Needs along <u>Corridors of Statewide Significance (CoSS)</u> and <u>Safety</u> Travel Markets (on COSS)
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2. Prioritize <u>within</u> Needs Categories

Establish priorities within each VTrans Need Category:
- Criteria 1: Severity of the Need
- Criteria 2: Number of Users Affected

3. Weigh and Aggregate Needs <u>across</u> Needs Categories

Assign weightings to each VTrans Need Category Priority from Step 2 and aggregate to establish Commonwealth and District Priority Locations

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PRIORITIZATION OF VTRANS MID-TERM NEEDS | STEPS

1. Define Geographical Levels of Prioritization

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2. Prioritize within Needs Categories

Establish priorities within each VTrans Need Category:
- Criteria 1: Severity of the Need
- Criteria 2: Number of Users Affected

3. Aggregate and Weight Needs across Needs Categories

Assign weightings to each VTrans Need Category Priority from Step 2 and aggregate to establish Commonwealth and District Priority Locations

4. Adjust Priority Locations for Influencing Factors

Adjust for influencing Factors:
- Co-located transportation infrastructure repair, rehabilitation, or replacements needs
- Exposure to Storm Surge and Inland/Riverine Flooding

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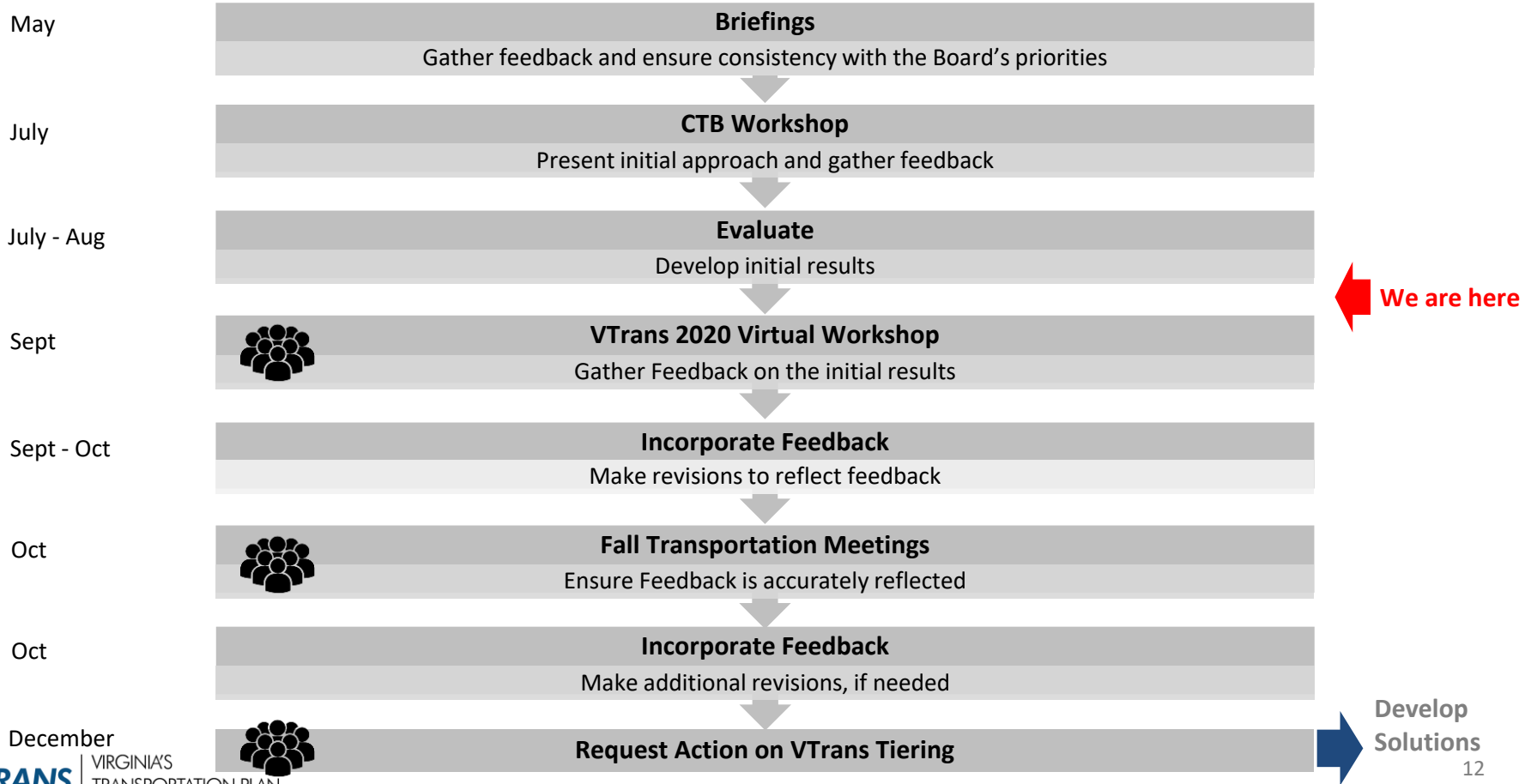**4. Adjust Priorities for Influencing Factors**

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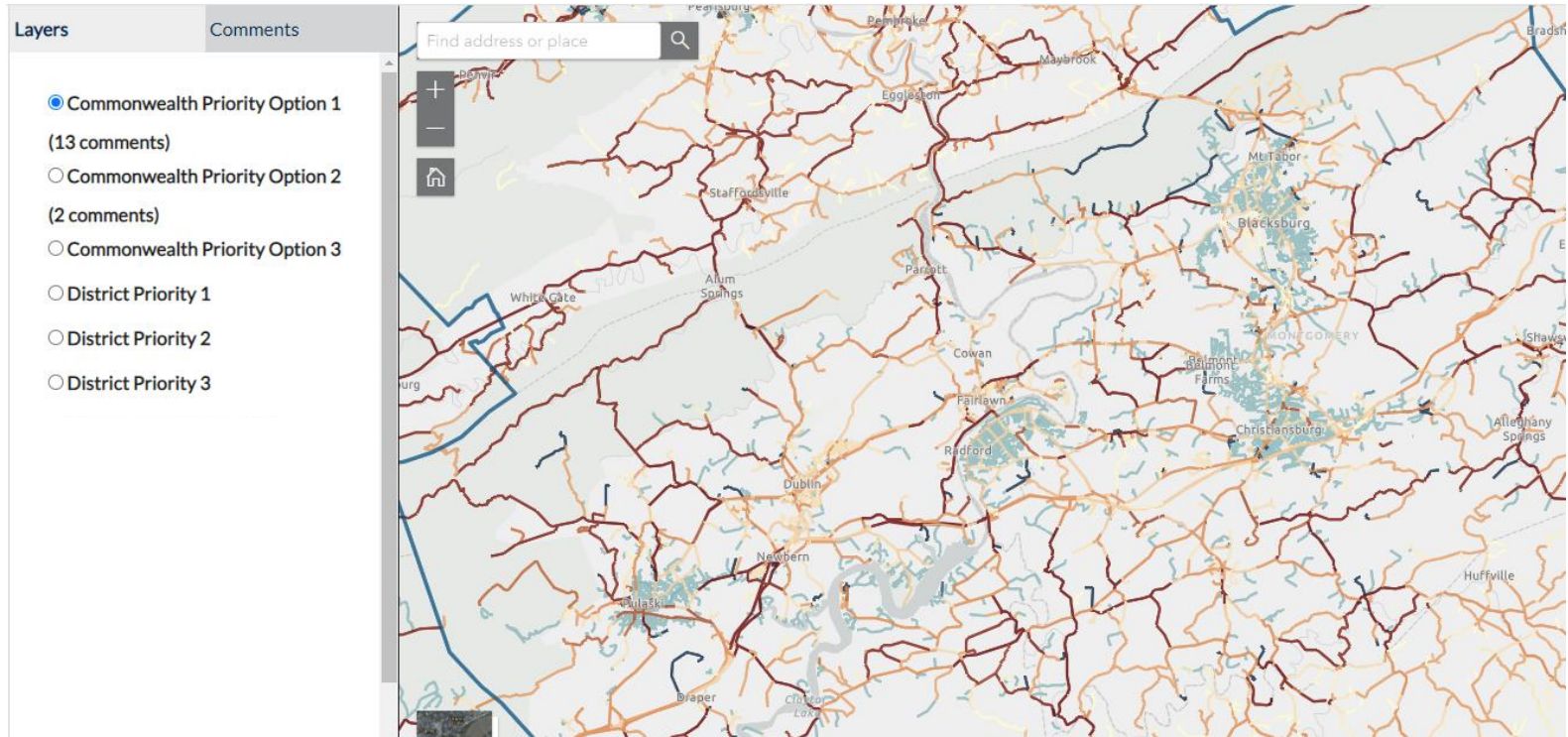**Iterative development based on feedback from local and regional agencies**

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May	**Briefings**	
	Gather feedback and ensure consistency with the Board's priorities	
July	**CTB Workshop**	
	Present initial approach and gather feedback	
July - Aug	**Evaluate**	
	Develop initial results	**We are here**
Sept	**VTrans 2020 Virtual Workshop**	
	Gather Feedback on the initial results	
Sept - Oct	**Incorporate Feedback**	
	Make revisions to reflect feedback	
Oct	**Fall Transportation Meetings**	
	Ensure Feedback is accurately reflected	
Oct	**Incorporate Feedback**	
	Make additional revisions, if needed	
December	**Request Action on VTrans Tiering**	**Develop Solutions**

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- Live Virtual Workshop Components – POSTPONED dates TBD
  - Workshop 1: Overview Presentation
  - Workshop 2: Q&A Session
- Self-paced Virtual Workshop components – will be posted in the next week or so
  - www.VTrans.org - under "Events" - 2020 Virtual Workshops
  - Interactive Map displaying the initial results of the proposed methodology
  - Online commenting feature

*Note: this image for illustrative purposes only

Question 1: Please review the Draft Prioritized **Commonwealth Priority Option 1** Needs shown in the map above. Do they reflect what your expected higher and lower priorities for the Commonwealth Priority Option 1 Needs would be? Why or why not?

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Add a comment

M↓ MARKDOWN   ☑ COMMENT ANONYMOUSLY   ADD COMMENT

*Note: this image for illustrative purposes only

Thank you