

COMMONWEALTH of VIRGINIA Office of the ______ SECRETARY of TRANSPORTATION







COMMONWEALTH OF

·DRPT·

VTRANS: APPROACH TO PRIORITIZING THE MID-TERM TRANSPORTATION NEEDS

Fredericksburg Area MPO TAC Meeting

Chris Wichman Virginia Office of Intermodal Planning & Investment

September 8th, 2020





Agenda

Background

• Prioritization of the 2019 Mid-term Needs

- Context and Significance
- Steps
- Next Steps



- The <u>Commonwealth Transportation Board (CTB)</u> <u>accepted</u> the <u>2019 Mid-term</u> <u>Transportation Needs</u> 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





- 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



PRIORITIZATION OF VTRANS MID-TERM NEEDS I CONTEXT AND SIGNIFICANCE

- 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.



PRIORITIZATION OF VTRANS MID-TERM NEEDS I CONTEXT AND SIGNIFICANCE

• 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 <u>presented</u> the following overarching approach:



- Significance of This Work
 - This works informs VDOT and DRPT investments for various types of studies

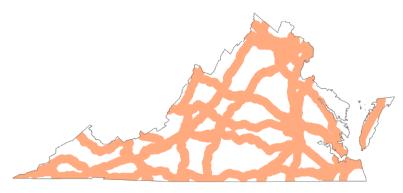


PRIORITIZATION OF VTRANS MID-TERM NEEDS | STEPS

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)
- District Prioritization: Needs within the <u>Regional Networks (RN)</u>, <u>Safety</u>, and <u>UDA (IEDA Access)</u> Travel Markets



Statewide Prioritization (along COSS)



District Prioritization



PRIORITIZATION OF VTRANS MID-TERM NEEDS 1 STEPS

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)
- District Prioritization: Needs within the <u>Regional Networks (RN)</u>, <u>Safety</u>, and <u>UDA (IEDA Access)</u> 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



PRIORITIZATION OF VTRANS MID-TERM NEEDS 1 STEPS

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	<i>2.</i> Prioritize <u>within</u> Needs Categories	Criteria 2	es within each VTrans Need Category: 1: Severity of the Need 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		



PRIORITIZATION OF VTRANS MID-TERM NEEDS | STEPS

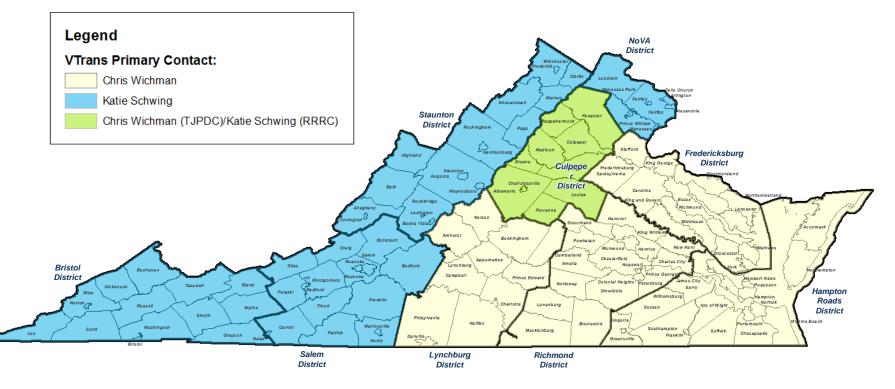
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		3. Aggregate and Weight Needs <u>across</u> Needs Categories		o each VTrans Need Category Priority from Step 2 and ish Commonwealth and District Priority Locations	
	ON PLAN		4. Adjust Priority Locations for Influencing Factors	 Adjust for influencing Factors: Co-located transportation infrastructure repair, rehabilitation, or replacements needs Exposure to Storm Surge and Inland/Riverine Flooding 	D

PRIORITIZATION OF VTRANS MID-TERM NEEDS | STEPS

	1. Define Geographical Levels of Prioritization	Commonweal Markets (on Co	OSS)	eeds along <u>Corridor</u>	<u>rs of Statewide Significance (CoSS)</u> and <u>Safety</u> Travel works (RN), <u>Safety</u> , and <u>UDA (IEDA Access)</u> Travel Mar	kets
		2. Prioritize <u>within</u> Needs Categories	Criteria	es within each VTran 1: Severity of the Ne 2: Number of Users	eed	
_	Iterative development based on feedback from local and regional agencies		<i>3.</i> Aggregate and Weight Needs <u>across</u> Needs Categories		to each VTrans Need Category Priority from Step 2 and lish Commonwealth and District Priority Locations	
	VIRGINIA'S			<i>4.</i> Adjust Priorities for Influencing Factors	 Adjust for influencing Factors: Co-located transportation infrastructure repair, rehabilitation, or replacements needs Exposure to Storm Surge and Inland/Riverine Flooding 	11
3	VTRANS TRANSPORTATION	ON PLAN				ΤT

PRIORITIZATION OF VTRANS MID-TERM NEEDS | NEXT STEPS

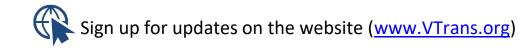
May	Briefings	
·	Gather feedback and ensure consistency with the Board's priorities	
		-
July	CTB Workshop	
,	Present initial approach and gather feedback	
July - Aug	Evaluate	
	Develop initial results	
		We are here
Sept	VTrans 2020 Virtual Workshop	
	Gather Feedback on the initial results	
Sept - Oct	Incorporate Feedback	
	Make revisions to reflect feedback	
Oct	Fall Transportation Meetings	
	Ensure Feedback is accurately reflected	
Oct	Incorporate Feedback	
	Make additional revisions, if needed	
		Develop
December	Request Action on VTrans Prioritization	Solutions
	DN PLAN	12





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Thank you

