



COMMONWEALTH of VIRGINIA
Office of the
SECRETARY of TRANSPORTATION

Overview: VTrans – Virginia’s Transportation Plan

Commonwealth Transportation Board Workshop

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PURPOSE OF THE PRESENTATION

- ▶ **The purpose of this presentation is to:**
 - ▶ Provide an overview of VTrans, Virginia's Transportation Plan.
 - ▶ Share the upcoming activities and timeline.



- ▶ **VTrans satisfies the Federal requirements for States to develop a transportation plan (23 CFR § 450.216) and a freight plan (49 U.S.C. § 70202).**
- ▶ **VTrans addresses requirements included in the Code of Virginia.**
 - ▶ Commonwealth Transportation Board (CTB) shall conduct a **comprehensive review of statewide transportation needs** (§ 33.2-353).
 - ▶ CTB must **submit the state plan document** to the Governor and the General Assembly at least once every four years (§ 33.2-353).

- ▶ **VTrans serves as the CTB's statewide planning process, which:**
 - ▶ Identifies transportation needs and priority locations.
 - ▶ Establishes a common and comprehensive understanding of risks and opportunities due to external factors.
 - ▶ Informs decision-making based on identified needs, priority locations, risks, and opportunities.

► VTrans is a collection of four CTB policies.





► In 2020, CTB adopted Vision, Goals, and Objectives.

CURRENT VISION

Virginia's transportation system will be **Good for Business, Good for Communities, and Good to Go.**

Virginians will benefit from a sustainable, reliable transportation system that advances Virginia businesses, attracts a 21st century workforce, and promotes healthy communities where Virginians of all ages and abilities can thrive.

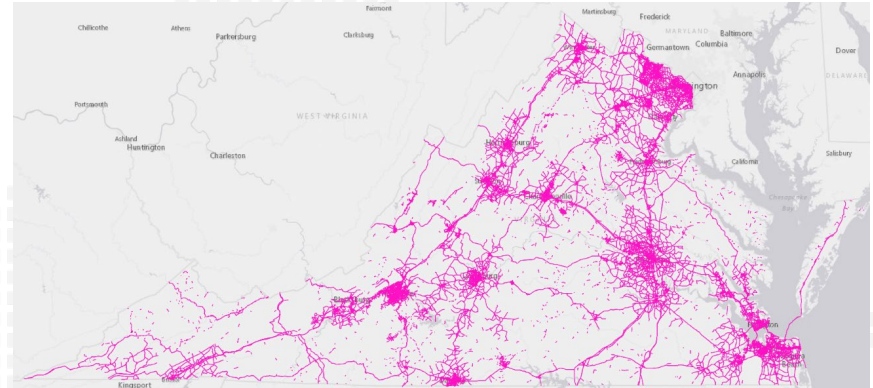
CURRENT GOALS	CURRENT OBJECTIVES
Goal A: Economic Competitiveness and Prosperity	• Reduce the amount of travel that takes place in severe congestion
	• Reduce the number and severity of freight bottlenecks
	• Improve reliability on key corridors for all modes
Goal B: Accessible and Connected Places	• Reduce average peak-period travel times in metropolitan areas
	• Reduce average daily trip lengths in metropolitan areas
	• Increase the accessibility to jobs via transit, walking, and driving in metropolitan areas
Goal C: Safety for All Users	• Reduce the number and rate of motorized fatalities and serious injuries
	• Reduce the number of non-motorized fatalities and serious injuries
Goal D: Proactive System Management	• Improve the condition of all bridges based on deck area
	• Increase the lane miles of pavement in good or fair condition
	• Increase percent of transit vehicles and facilities in good or fair condition
Goal E: Healthy, Sustainable Transportation Communities	• Reduce per-capita vehicle miles traveled
	• Reduce transportation related NOX, VOC, PM, and CO emissions
	• Increase the number of trips traveled by active transportation (bicycling and walking)



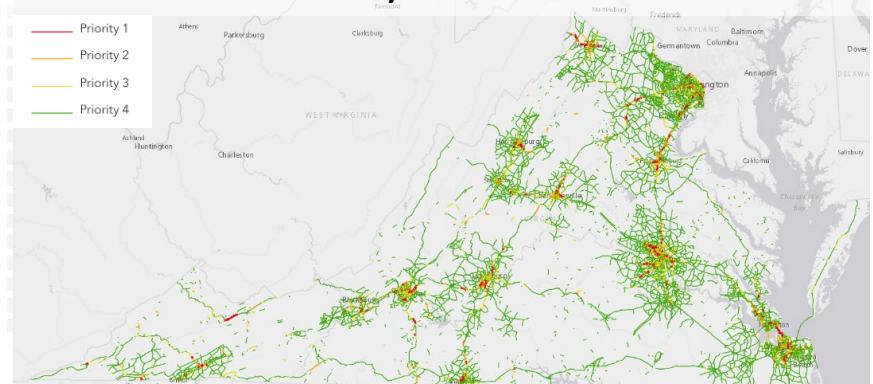
➤ In 2020, CTB adopted a policy to identify transportation needs, and in 2021, a policy to prioritize transportation needs.

- These CTB policies establish need categories and criteria or thresholds.
- Examples of transportation need categories include:
 - Congestion Mitigation
 - Travel Time Reliability
 - Safety
 - Transit access

VTTrans Mid-term (next 10 years) Need Locations



Construction District Priority Locations





► Significance of the Mid-term Needs and Priorities

- The CTB-identified transportation needs are used to screen funding requests submitted for **the SMART SCALE program**.
- Projects that address the CTB-identified transportation needs receive priority consideration in **VDOT's Revenue Sharing program**.
- Based on the current CTB policy, higher priority locations (Priorities 1 and 2) become eligible for state assistance for project development and advance planning activities through **the Project Pipeline program**



- In 2021, CTB adopted a policy to monitor ten (10) external factors and their cumulative impact on Virginia's transportation system to develop and update the **long-term risk and opportunity register**.

TECHNOLOGICAL ADVANCEMENTS

External Factors



Adoption of Highly Autonomous Vehicles



Adoption of Electric Vehicles



Growth in Shared Mobility

CONSUMPTION PATTERNS



Growth in E-commerce



Greater Automation of Production and Services

CLIMATE



Increase in Flooding Risk

- Storm Surge
- Sea-level Rise
- Inland/Riverine Flooding

SOCIO-DEMOGRAPHIC CHANGES



Growth of the Professional Service Industry



Increase in Workplace Flexibility



Growth of the 65+ Cohort





Population and Employment Shift



- ▶ **In 2021, CTB adopted recommendations to:**
 - ▶ Ensure progress toward the CTB's vision, goals, and objectives.
 - ▶ Accelerate solutions that address identified needs and priority locations.
 - ▶ Mitigate risks and maximize opportunities for Virginia's transportation system due to external factors such as technological advancements, changes in consumption patterns, etc.

NEXT STEPS (2023)

- ▶ **March:** Discuss the Vision, Goals, and Objectives.
- ▶ **April:** Present draft VTrans Vision, Goals, and Objectives.
-  **May:** Request action on Vision, Goals, and Objectives.
- ▶ **September:** Present modifications to the policy to identify and prioritize needs.
-  **October:** Request action related to the policy to identify and prioritize mid-term needs.

NEXT STEPS (2024, 2025)



2024:

Request action related to the Long-term Risk and Opportunity Register.



2025:

Request action related to the Recommendations.