



Final Draft Vermont Freight Plan

CCRPC TAC December 7, 2021

Background





- Good planning and follow-through makes for an efficient freight system for Vermont
- Updates required by FHWA every five years to obligate Freight Formula funds
- The multimodal Freight Plan update is coordinated with the <u>2021 Rail Plan</u> including extensive public engagement that informed both plans
- Both plans support other efforts such as the Comprehensive Energy Plan, e.g. <u>Rail Plan summary for</u> <u>people interested in greenhouse gas (GHG) and fuel use</u> <u>reduction</u>



Chapter 7: Needs Assessment and Potential Initiatives





Key Trends and Issues

Post-COVID-19 Economic Recovery	E-Commerce and Last-Mile Delivery	Cross-Border Issues
Technological Innovation	Truck Size and Weight Permitting and Harmonization	Freight Workforce
Climate Change and Resiliency	Freight as a "Good Neighbor"	Asset Management



VERMONT FREIGHT PLAN UPDATE – Draft Vermont Freight Plan Review

Needs Assessment

	Issue	Need
Performance Measures	System Performance	Help shippers find freight solutions
	Infrastructure Performance	Continue funding State of Good Repair projects
	Travel Time, Border Delays	Manage weather response; support US and Canadian efforts to improve border operations
	Safety (HAZMAT & Truck-Involved Crashes)	Advance safety improvements, particularly on highways with truck-involved or HAZMAT crashes
	Technological Innovation	Anticipate deployment; partner with innovators
	Post-COVID-19 Economic Recovery	Monitor and model to anticipate potential effects on freight demand in Vermont
	E-Commerce and Last-Mile Delivery	Acquire data and estimate the potential effects of deliveries on highways, emissions, and the economy
sues	Cross-Border Issues	Continue coordinating among stakeholders and take useful actions
and Issues	Truck Permitting and Harmonization	Consider talks with New York to join New England Transportation Consortium (NETC) or otherwise streamline permitting for trips between VT and NY
Trends	Freight Workforce	Support the development of workforce capabilities that improve freight system performance
Tre	Climate Change and Resiliency	Support initiatives to reduce greenhouse gas (GHG) emissions, and harden vulnerable freight infrastructure
	Freight as a "Good Neighbor"	Coordinate discussions around "good neighbor" strategies and practices
	Asset Management	Engage as Vermont Asset Management Information System (VAMIS) develops so it can be used for freight planning



40 Initiatives in Seven Packages







Chapter 8: Implementation Plan

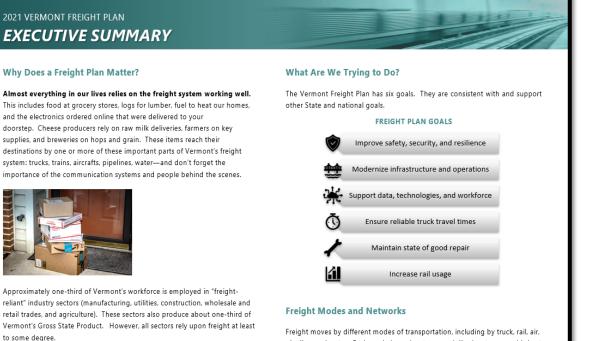
- Describes funding sources for freight projects
- Implementation table
 - Key proponents
 - Potential funding sources
 - Who manages the implementation
 - Timeframe



Communicating the Plan

- Four-page summary
- Relatively short, graphicsrich Plan (64 pages)
- Tech memos online along with range of materials
- Self-updating webmap

Freight Plan Web Page: https://vtrans.vermont.gov/planning/freight



The Vermont Freight Plan provides a framework to maintain and enhance the State's multimodal freight transportation system in a manner that also supports other State and national goals. It also helps the State to navigate an uncertain future by considering the potential effects of the COVID-19 pandemic and economic recovery, technological innovation, climate change and increasing extreme weather events, and other issues.

Freight moves by different modes of transportation, including by truck, rail, air, pipeline, and water. Each mode has advantages and disadvantages, and is best suited for certain types of shipments as illustrated on the next page. Goods that are heavy, bulky, and moving long distances are ideal for rail. Truck transportation is ideal for distributing smaller shipments that may be dispersed across multiple origin or destination points. Trucks also play a key role in

transporting goods for the "last mile" to their ultimate destination.



Bringing it Home

- 12/8 Public comments due
- 12/22 Anticipated submittal to Federal Highway Administration (FHWA)
- Finalize and implement in coordination with the Rail Plan and other efforts



Thank You

For more information on the Vermont Freight Plan Update, visit vtrans.vermont.gov/planning/freight or contact Zoe Neaderland at Zoe.Neaderland@vermont.gov or (802) 793-2778.

For more information on the Vermont Rail Plan, visit <u>vtrans.vermont.gov/rail/reports</u>

