

Vermont Multimodal Roadway Guide

(VT State Design Standards Replacement)

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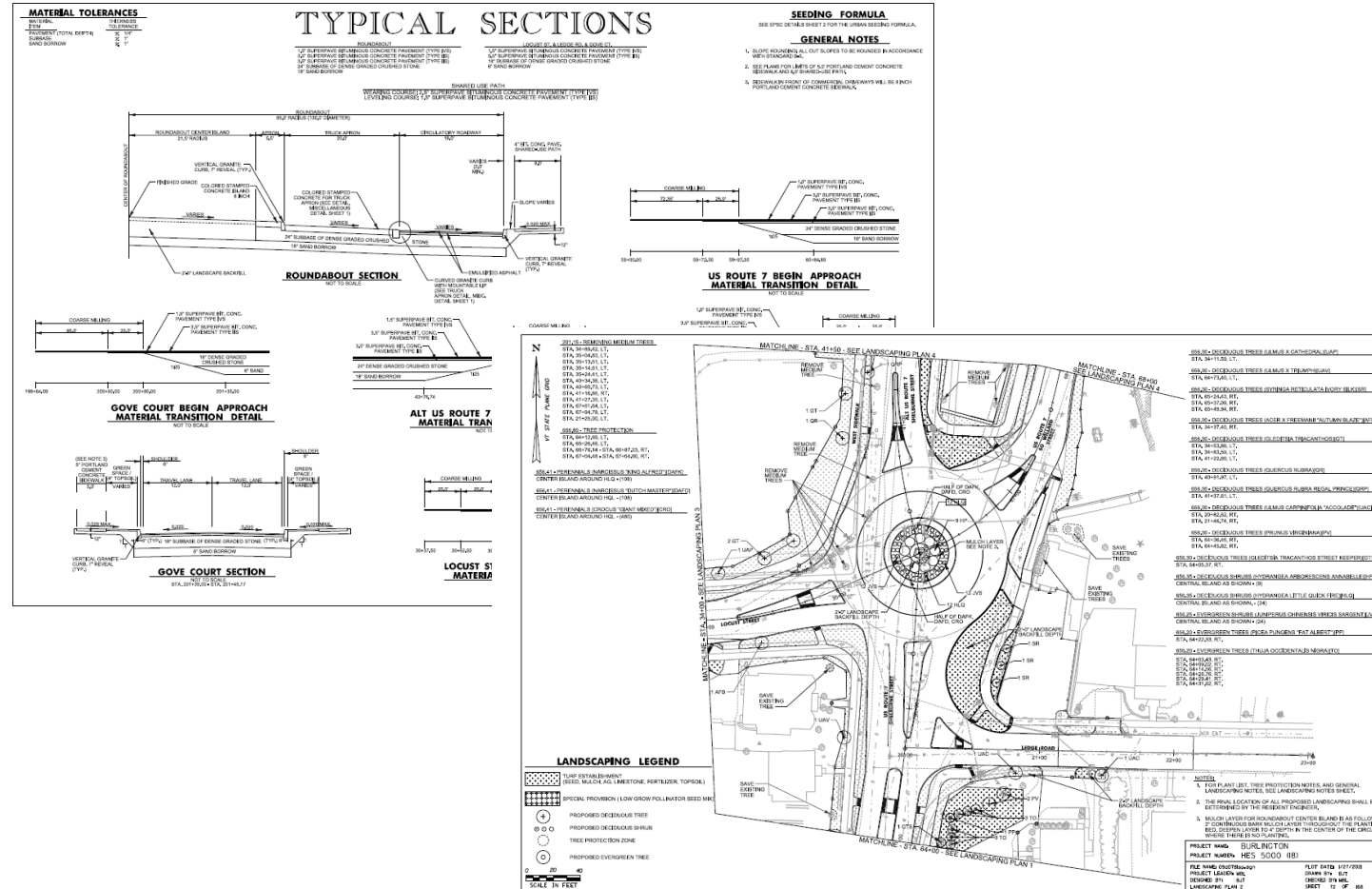
FEBRUARY 20, 2025

What are the VT State Design Standards?

❖ Last published - 1997

❖ Purpose:

- “To provide clear technical direction to the designers of transportation projects in Vermont.”
- “To achieve roadway and bridge designs which provide access, mobility and safety for users, and which are also sensitive to the social and environmental context of Vermont.”



Why the Update?

- ❖ Keep pace with national best practice
- ❖ Continue providing effective transportation infrastructure for all Vermonters
- ❖ Build upon previous efforts - Multimodal Design and Delivery (M2D2)
- ❖ Respond to future land use needs with focus on context-based design
- ❖ Sec. 31 of Act 148 of 2024



Consultant Team - VHB & Toole Design



Stakeholder Advisory Group & Technical Working Group



Vermont Companion Document Review



National Precedent Guide Review



Public Information Meetings

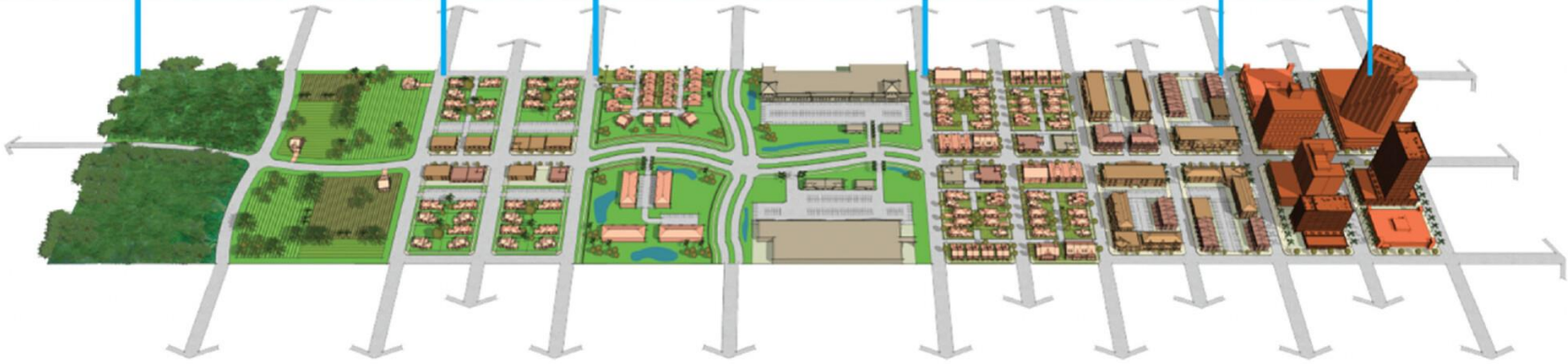


Project Website: <https://vtrans.vermont.gov/highway/VSDSUP>

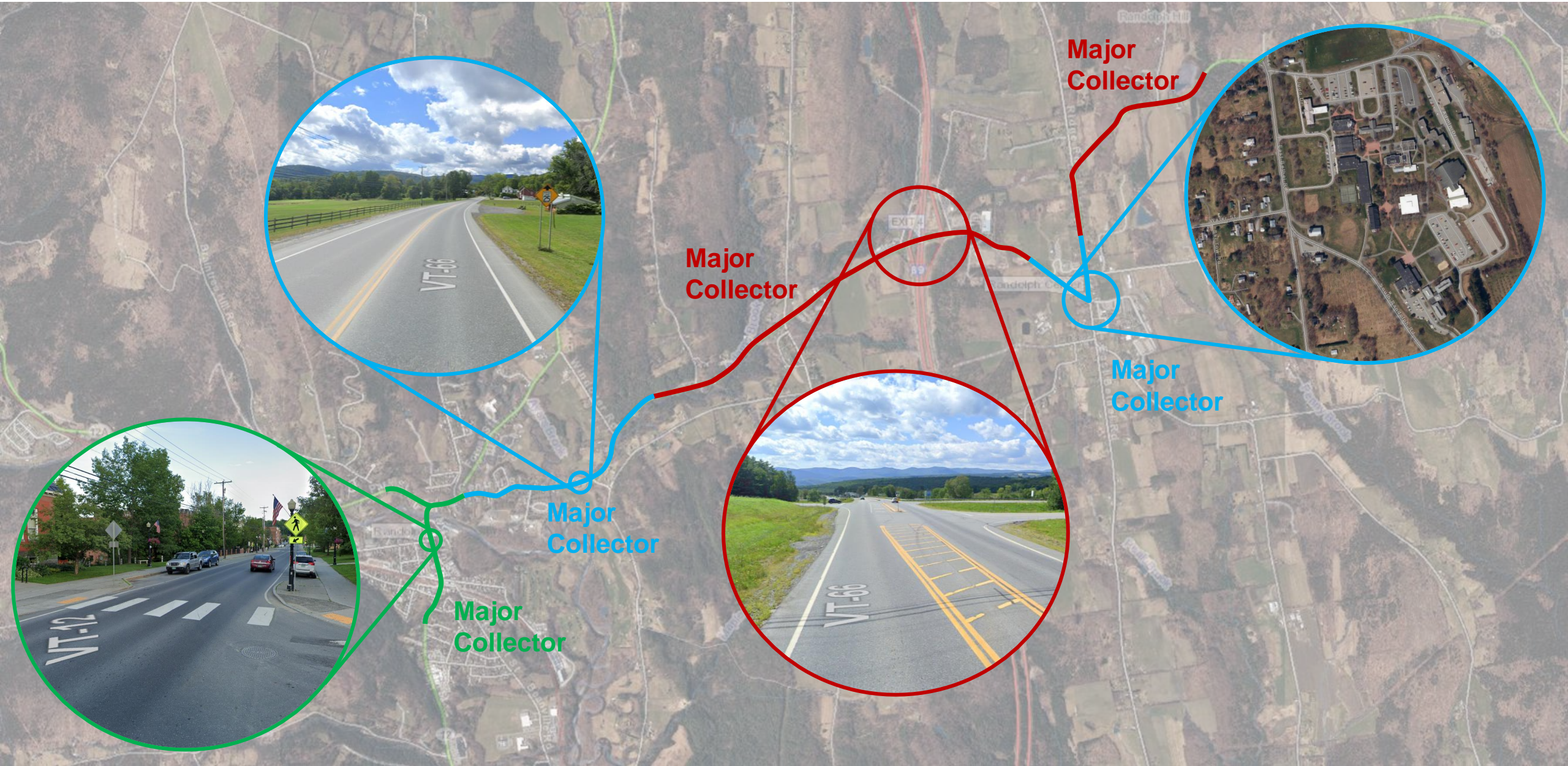
2024 Progress Update

Shifting the Paradigm: Context Driven and Outcomes Based Approach

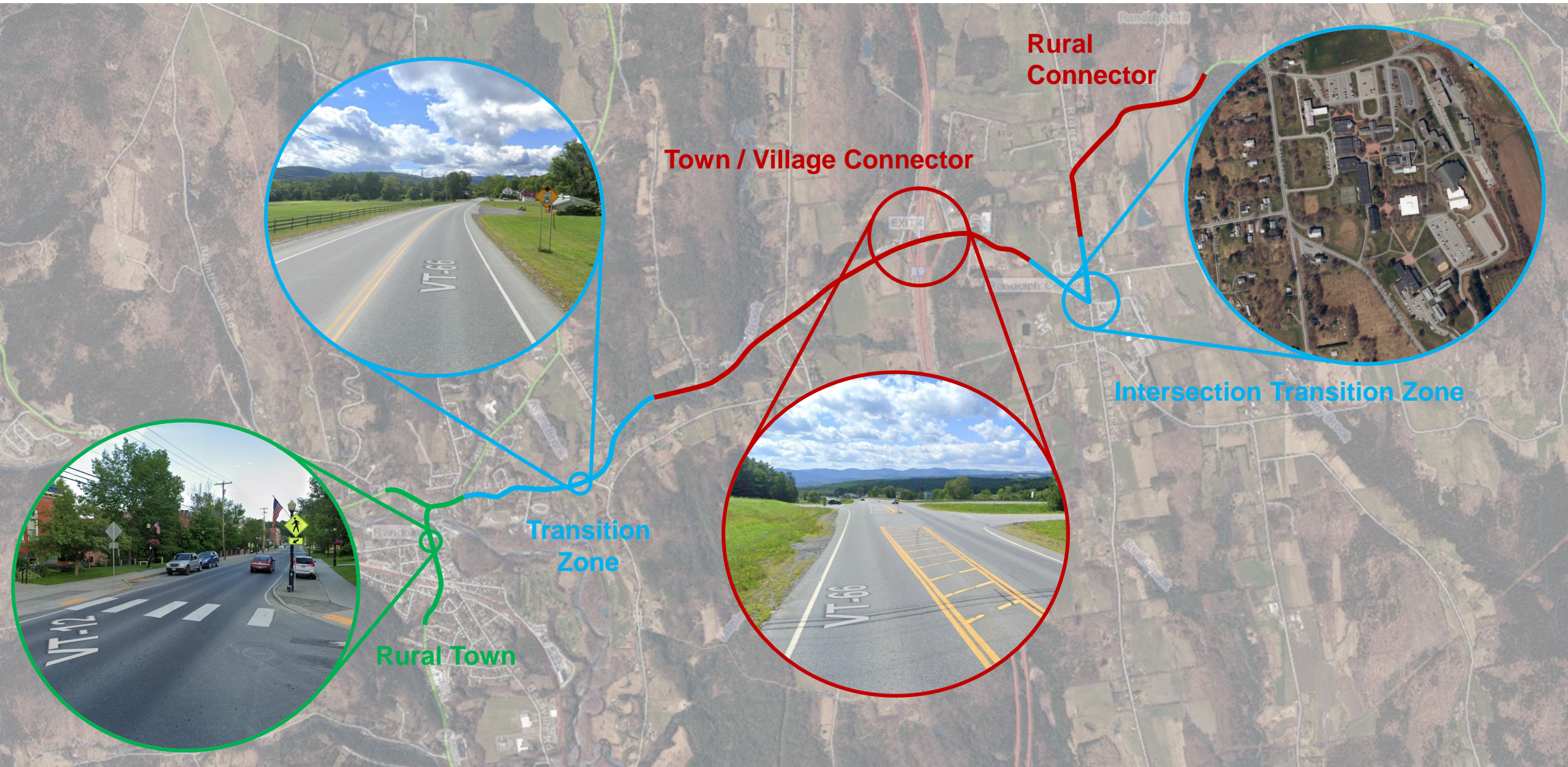
Green Book 1-6	Rural			Urban						
SmartCode (2005)/ITE/CNU (2010)	Natural	Rural		Suburban			General Urban	Urban Center	Urban Core	Special District
Massachusetts (2006)	Rural Natural	Rural Developed	Rural Village	Low Density	Town Center	High Density	Urban Residential	Urban Park	Commercial Business District	
Pennsylvania/New Jersey (2008)	Rural			Suburban Neighborhood	Suburban Corridor	Suburban Center	Town/Village Neighborhood	Town/Village Center	Urban Core	
California (2016)	Natural	Developing	Rural Main Street	Suburban Low Density	Suburban High Density	Urban Low Density		Urban High Density		
Florida (2017)	Natural	Rural	Rural Town	Suburban Residential	Suburban Commercial	Urban General	Urban Center	Urban Core	Special District	
Minnesota (2018)	Natural	Rural	Rural Crossroad	Suburban Residential	Suburban Commercial	Urban Residential	Urban Commercial	Urban Core	Industrial Warehouse	
Green Book 7/ NCHRP 855 (2018)	Rural		Rural Town	Suburban			Urban		Urban Core	
Oregon (2019)			Rural Community	Suburban Fringe	Suburban Residential Corridor	Suburban Commercial Corridor	Urban Mix		Downtown/Commercial Business District	
Washington (2019)	Rural			Suburban			Urban		Urban Core	
AASHTO TCGD (2019)	Rural & Natural Areas		Rural Town	Suburban			Urban		Urban Core	Industrial, Warehouse, or Port
Maryland (2019)	Rural		Traditional Town Center	Suburban	Suburban Activity Center		Urban Center	Urban Core		
Pennsylvania (2020)	Rural		Rural Town	Suburban			Urban		Urban Core	



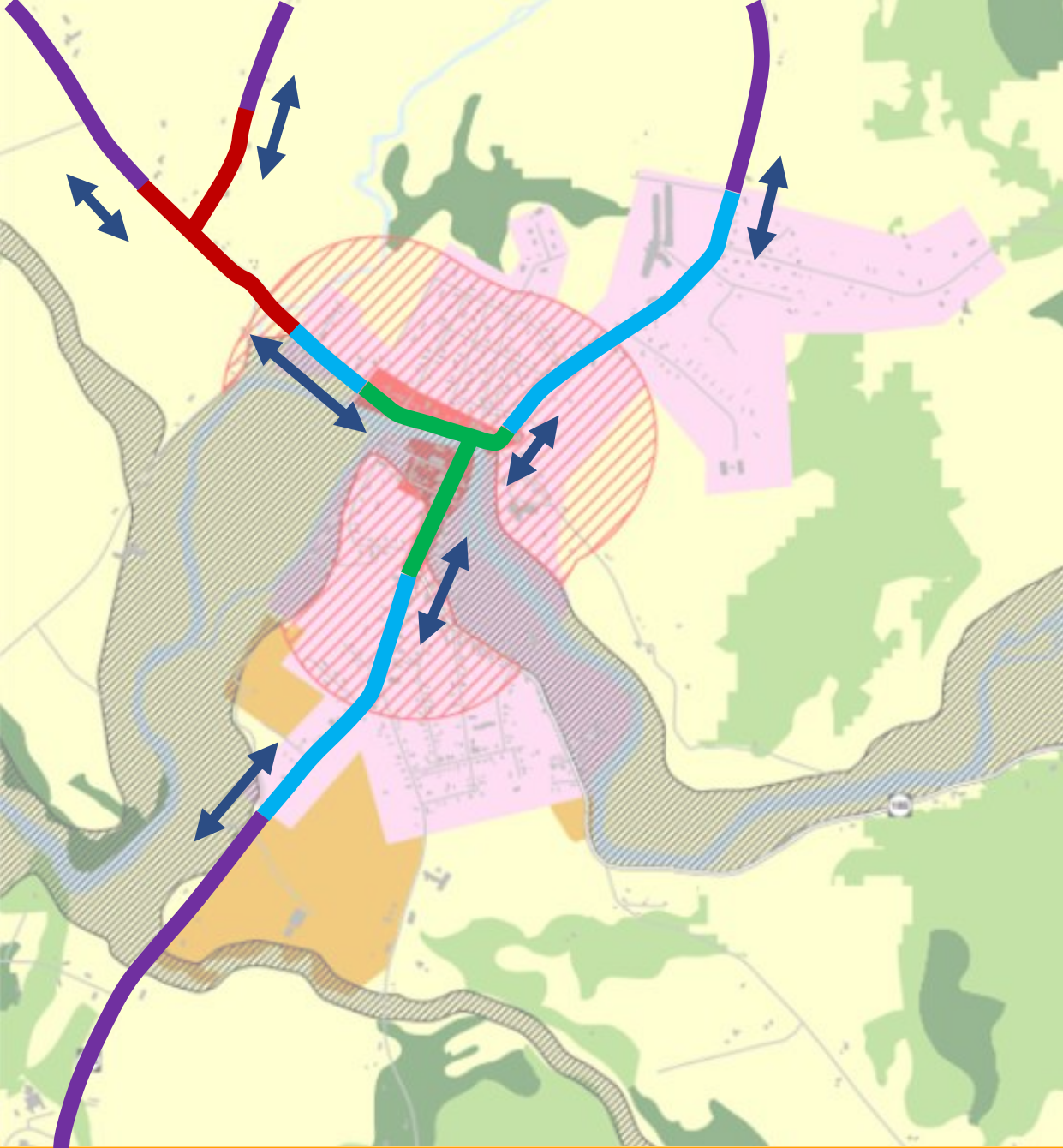
Roadway Classifications



Shifting to Context-Sensitive Solutions & Outcomes




Alignment with Act 181









Legend

Designated Centers

-  Richford Village Center
-  1/4 Mile Buffer Area

NRPC Future Land Use

-  DT/Village Centers
-  Village Area
-  Transitional
-  Rural - General
-  Rural - Ag and Forestry
-  Rural - Conservation

VMRG Context-Sensitive Roadway Classifications

-  Urban Main Street
-  Town/Village Main Street
-  Urban Connector
-  Rural Connector
-  Rural Road
-  Transition Zone



Current Status and Next Steps

- ❖ Phase 1 – Project Definition and Stakeholder Engagement
 - We are here!
 - Annotated Outline – April 2025
- ❖ Phase 2 – Development of Guide
 - This is next!
 - Draft anticipated January 2026
- ❖ Phase 3 – Implementation and Training

Thank you! Questions?

Project Webpage:

<https://vtrans.vermont.gov/highway/VSDSUP>