

VT Agency of Transportation: Highway Safety & Design Section FY 2022 Traffic & Safety Program Budget

Senate Transportation Committee – February 9, 2021

Presented by: Jesse Devlin, Highway Safety & Design Program Manager





Traffic & Safety Program General Overview

FEBRUARY 9, 2021

VT AGENCY OF TRANSPORTATION – HIGHWAY SAFETY & DESIGN SECTION
FY2022 TRAFFIC & SAFETY PROGRAM BUDGET



VTrans' mission is to provide for the safe and efficient movement of people and goods:

- The traffic design group is responsible for the development and delivery of plans, specifications, and estimates for projects that focus on safety and mobility.
- The projects contained within the Traffic & Safety Program address safety, mobility, and asset condition, which directly contributes to meeting our mission.

The traffic design group consists of nine team members; comprised of project managers and engineers.

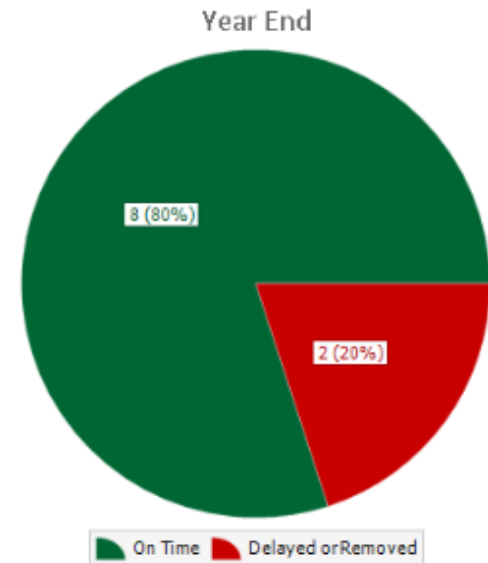
In addition to the development of projects, the team has a great deal of responsibility including but not limited to:

- **Fiscal responsibility:** *oversight of individual project and program budgets*
- **Customer Service:** *point of contact throughout a project's development*
- **Quality:** *ensure that the design meet's the intent of the project*
- **Schedule:** *on time delivery of a project*

2020 TRAFFIC & SAFETY PROGRAM ACCOMPLISHMENTS

- The traffic design group advertised 9 projects for construction
- Of the projects anticipated to be advertised in 2020, 80% were advertised within 30 days of their targeted advertisement date.
- In addition, the traffic design group advertised one unplanned pedestrian improvement project.

Goal: 80% within 30 days
Current Content on Display: Advertisement (110.02), Traffic & Safety, Contract Admin, 01/01/2021 vs. 01/01/2020.



Program	On-Time	Delayed
Traffic & Safety	8	2



Scope: Project includes the rehabilitation and full depth widening of VT Route 116, Shelburne Falls Road, and CVU Road to accommodate turn lanes. This project will also include drainage improvements and the installation of a new traffic signal.

Construction Cost Est: \$3.4 Million

Completion Date: Summer 2021



HINESBURG HES 021-1(19)– VT ROUTE 116 / CVU RD. / SHELBURNE FALLS ROAD



AERIAL VIEW



BOX CULVERT INSTALLATION

HINESBURG HES 021-1(19)– VT ROUTE 116 / CVU RD. / SHELBURNE FALLS ROAD

FEBRUARY 9, 2021

VT AGENCY OF TRANSPORTATION – HIGHWAY SAFETY & DESIGN SECTION
FY2022 TRAFFIC & SAFETY PROGRAM BUDGET



FY 2022 TRAFFIC & SAFETY PROGRAM

- Appropriation of \$33.3 million
- Decrease of \$1.2 million compared to the FY 2021 Traffic & Safety Program budget
- Includes three primary project phases
 - Preliminary Engineering (design activities)
 - Right-of-Way (acquisition of property and/or easements)
 - Construction
- Budget will fund construction of 22 projects, and will fund the preliminary engineering and/or right-of-way acquisition on an additional 18 projects

27	Number of intersection improvement projects – 14 with FY22 construction funding
5	Number of sign replacement projects – 3 with FY22 construction funding
1	Number of centerline rumble stripe installation projects – 1 with FY22 construction funding
	Restriping on all Interstate, State, Class I TH, and Class II TH roads

Scope: Project will include construction of a single-lane roundabout at the intersection of US Route 7, US ALT Route 7, Ledge Road and Locust Street., utility relocation, and the installation of shared-use facilities.

Construction Cost Est: \$9.4 Million

Project Status: Project is anticipated to be advertised for construction in February of 2021, with construction being completed in 2023.

Project Website: <https://vtrans.vermont.gov/projects/burlington-roundabout>



BURLINGTON HES 5000(18) – US ROUTE 7 / LEDGE RD. / LOCUST ST.

Scope: Project will include construction of a diverging diamond interchange, roadway widening, new traffic signals, sidewalks, and shared-use paths along approximately 1 mile of US Route 7 in Colchester.

Construction Cost Est: \$12.9 Million

Project Status: Project is currently in the Right-of-Way phase and is anticipated to be advertised for construction in 2022, with primary construction activities occurring 2022 - 2024.

Project Website:

<http://www.exit16ddi.vtransprojects.Vermont.gov>



COLCHESTER HES NH 5600(14) – US ROUTE 7

19 V.S.A. 10g(g)(1) Report compiles projects that have been added to the program subsequent to the FY21 program

These projects were primarily programmed due to the age and current condition of the asset

- BENNINGTON NHG SIGN(72) – Signage – VT 279
- BRATTLEBORO STP 2000(29) – Pedestrian improvements – US 5
- CLARENDON-RUTLAND TOWN NHG SGNL(56) – Traffic signal improvements– US 7
- COLCHESTER-ESSEX NHG SGNL(58) – Traffic signal improvements – VT 15
- HARTFORD NHG SGNL(60) – Traffic signal improvements – US 5
- NORWICH STPG SGNL(57) – Traffic signal improvements – US 5 & VT 10A
- POWNAL-MANCHESTER NHG SIGN(71) – Signage – US 7
- RUTLAND TOWN NHG SGNL(59) – Traffic signal improvements – US 7
- ST. ALBANS TOWN STPG SGNL(61) – Traffic signal improvements – US 7

19 V.S.A. 10g(g)(1) REPORT SUMMARY

19 V.S.A. 10g(g)(2) Report compiles projects that have increased by more than \$8,000,000 or by more than 100% from the estimate in the FY21 program

- PLAINFIELD NH 028-3(41) – US 2 & Main St. Intersection – Increase by more than 100% (\$1.4 million) – Significant design efforts associated with constructability and traffic management occurred this past year, coupled with close coordination with the Town and community. The revised estimate of total cost reflects these constructability challenges that will be faced when constructing the project.

19 V.S.A. 10g(g)(2) REPORT SUMMARY

19 V.S.A. 10g(g)(3) Report compiles projects that were funded for construction in the FY21 program and are no longer funded for construction in the FY22 program

All projects that are listed on this report have completed construction or will be complete by the end of the current fiscal year.

- COLCHESTER STP 5600(21) – Intersection improvement – VT 127 Blakely Rd. & Laker Lane
- SOUTH BURLINGTON-COLCHESTER IM 089-3(79) – ITS improvements – I 89
- STATEWIDE IMG MARK(117) – Interstate pavement markings
- STATEWIDE IMG SIGN(61) – Interstate signage
- WALLINGFORD-RUTLAND NHG SIGN(68) – Signage – US 7
- WEST RUTLAND STPG SNGL(50) – Traffic signal improvements – BR US 4 & VT 4A

19 V.S.A. 10g(g)(3) REPORT SUMMARY