

VT Agency of Transportation: Highway Safety & Design Section FY 2021 Traffic & Safety Program Budget

Senate Transportation Committee – January 23, 2020

Presented by:

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Traffic & Safety Program General Overview

JANUARY 23, 2020

VT AGENCY OF TRANSPORTATION – HIGHWAY SAFETY & DESIGN SECTION
FY2021 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.

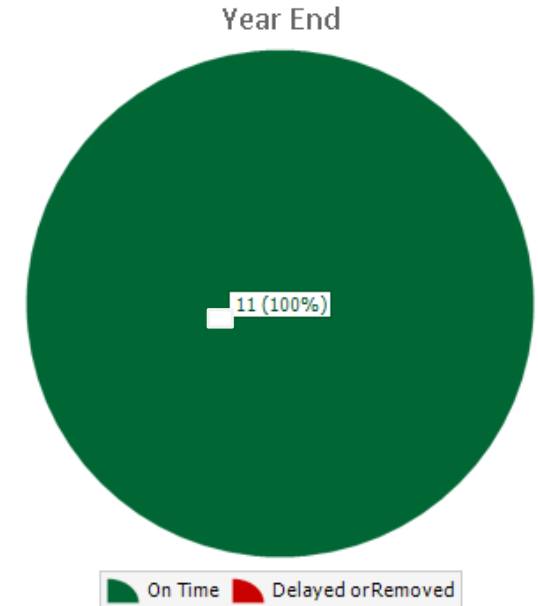
In addition to the development of projects, the team has a great deal of responsibility including but not limited to:

- **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*

2019 TRAFFIC & SAFETY PROGRAM ACCOMPLISHMENTS

- The traffic design group advertised 12 projects for construction
- Of the projects anticipated to be advertised in 2019, 100% 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, 01/01/2020 vs 01/01/2019.



Program	On-Time	Delayed	% On - Time
➔ Traffic & Safety	11	0	100%



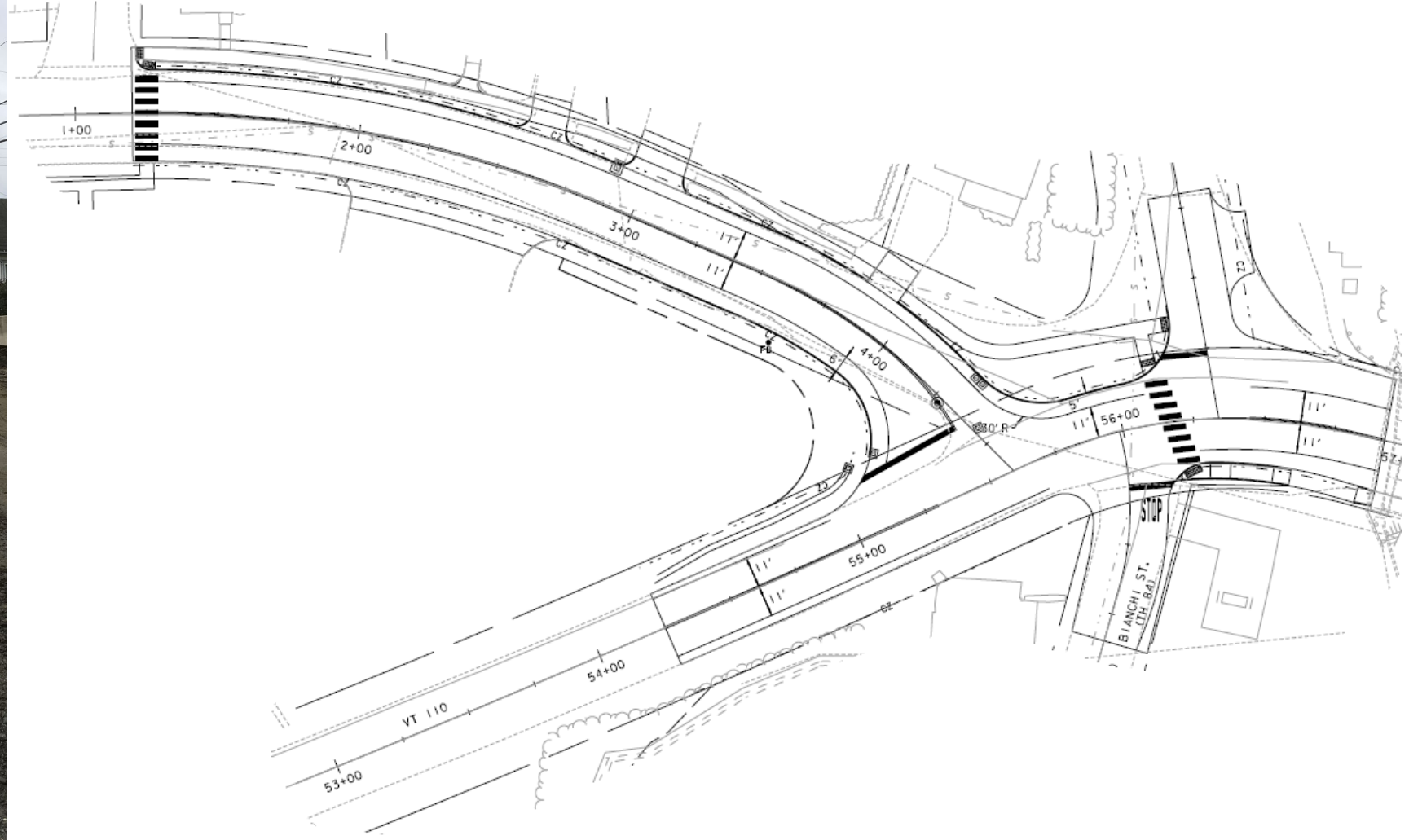
Scope: The project reconstructed the intersection of VT Route 110 and Mill Street, including the adjoining side streets of Bianchi Street and Old Route 302. The alignment was adjusted in order to improve sight distance and improve safety. The project also included access management, new drainage, and new sidewalks and crosswalk.

Construction Cost Est: \$500,000

Completion Date: Spring 2020



BARRE TOWN STP HES 0169(8) – VT ROUTE 110 / MILL ST.



BARRE TOWN STP HES 0169(8) – VT ROUTE 110 / MILL ST.

Scope: This project included widening of VT Route 2A between River Cove Road and Eastview Circle to accommodate left turn lanes, and the installation of a permanent traffic signal and pedestrian crossings at the intersection of VT Route 2A and James Brown Drive. The project also included installation of curbing, drainage, sidewalk, and pedestrian improvements.

Construction Cost Est: \$2.8 Million

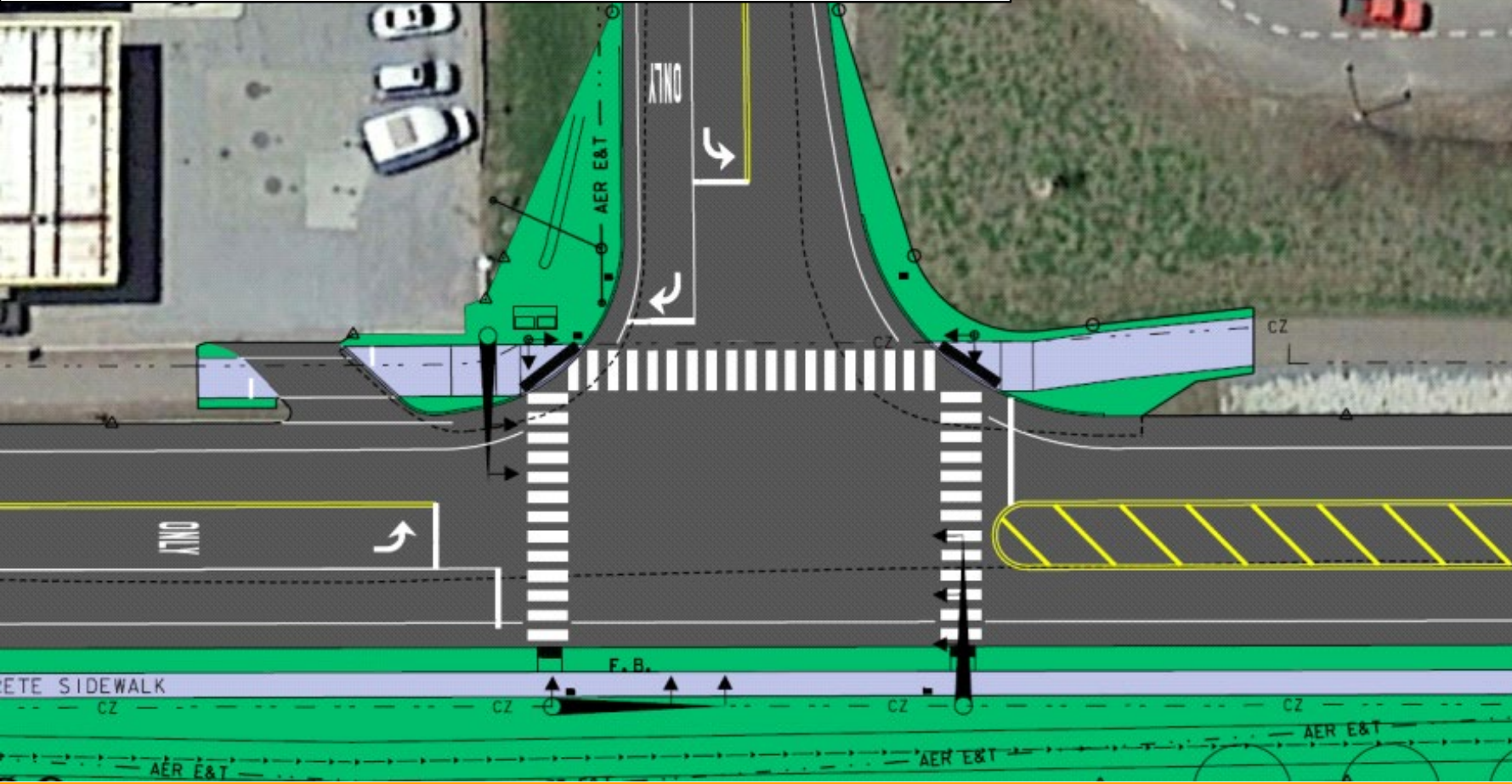
Completion Date: Spring 2020



VT ROUTE 2A / JAMES BROWN DRIVE – EXISTING CONDITIONS

WILLISTON STP HES 5500(12) – VT ROUTE 2A / JAMES BROWN DR.

PROPOSED VT ROUTE 2A / JAMES BROWN DRIVE LAYOUT



VT ROUTE 2A - WIDENED



WILLISTON STP HES 5500(12) – VT ROUTE 2A / JAMES BROWN DR.



FY 2021 TRAFFIC & SAFETY PROGRAM

- Appropriation of \$36.7 million
- Increase of \$16 million compared to the FY 2020 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 23 projects, and will fund the preliminary engineering and/or right-of-way acquisition on an additional 9 projects

24	Number of intersection improvement projects
3	Number of sign replacement projects
1	Number of centerline rumble stripe installation projects
	Restriping on all Interstate, State, Class I TH, and Class II TH roads

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 2020, with construction activities occurring 2020 - 2022.

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 FY20 program

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

- BRIDPORT-MIDDLEBURY HES RMBL(5) – VT 125 - Centerline rumble stripe project
- COLCHESTER ST 5600() – VT 127 - Candidate intersection project
- FAIR HAVEN-RUTLAND TOWN NHG SIGN(70) – US 4 - Sign project
- FERRISBURGH NH 019-4(32) – US 7/STAGE RD. - Intersection project
- HARTFORD HES 0113(77) – US 5 - Candidate safety scoping project
- SHELBURNE-SOUTH BURLINGTON NHG SGNL(51) C/2 – US 7 - Signal improvement project
- SOUTH BURLINGTON-COLCHESTER IM 089-3(79) – I 89 - Safety project
- STOWE HES 0235(22) – VT 108/TH 5 - Candidate intersection project

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 FY20 program

- SHELBURNE-BURLINGTON NH 019-4(33) – This project consisted of traffic signal equipment installation at several intersections on US Route 7 between Shelburne and Burlington. Within the FY20 budget there was a cost estimate included, however it had not been fully defined. Due to the fact that there was also additional work being planned at these locations, this project did not advance, and the work that was proposed under it will be included as part of the upcoming SHELBURNE-SOUTH BURLINGTON NHG SGNL(51) C/1 and C/2 projects.

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 FY20 program and are no longer funded for construction in the FY21 program

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

- BARRE TOWN STP HES 0169(8) – VT 110/MILL ST. - Intersection project
- CHARLOTTE NHG SGNL(49) – US 7 - Intersection project
- MORRISTOWN STP HES 030-2(28) – VT15 / VT 15A - Intersection project
- SHELBURNE-BURLINGTON NH 019-4(33) – US 7 - Intersection(s) project
- SPRINGFIELD STP 016-2(23) – US 5 / VT 11 - Intersection project

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