

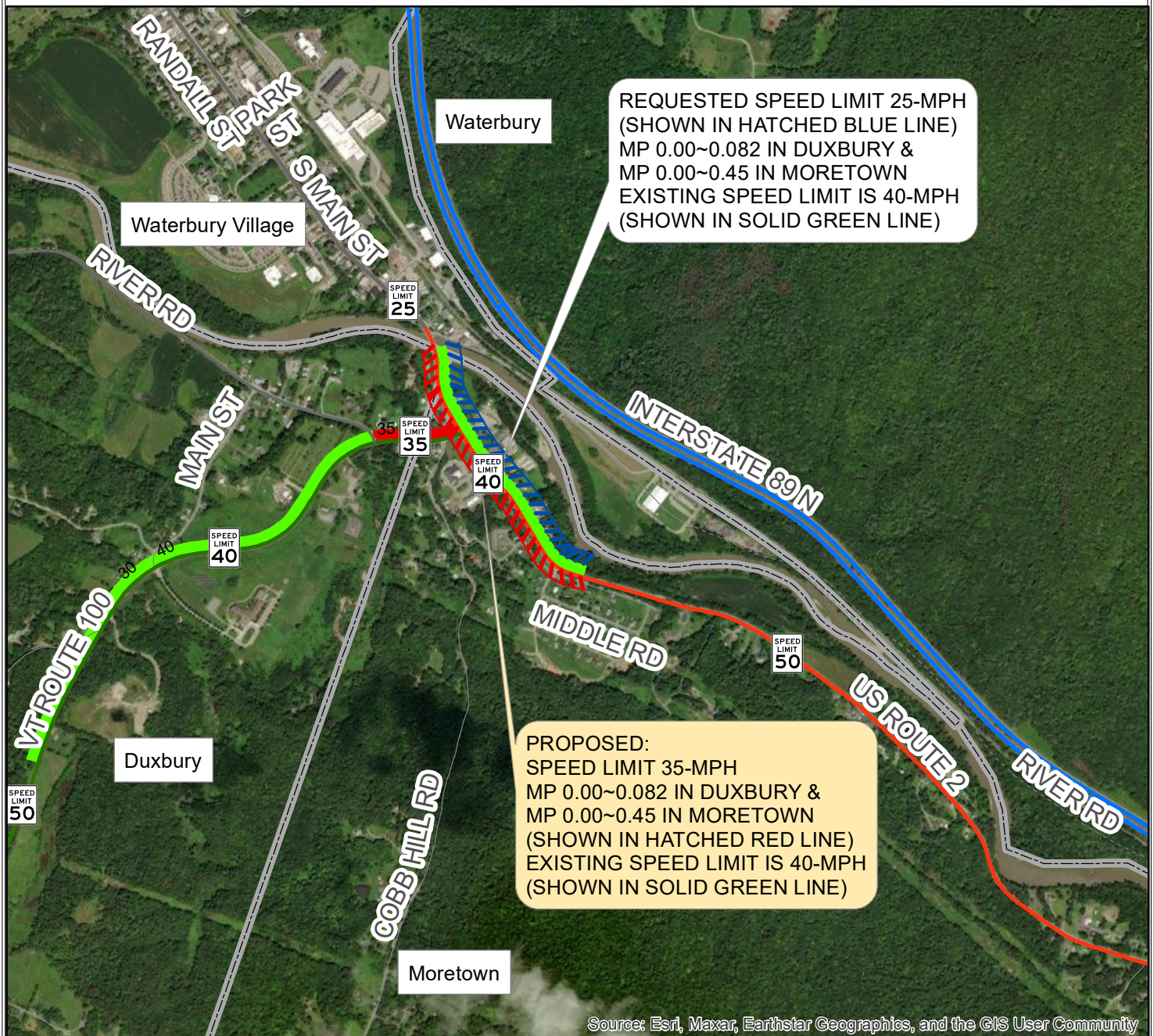
TOWNS OF DUXBURY & MORETOWN US ROUTE 2 TRAFFIC COMMITTEE MEETING JUNE 8, 2022

STUDY AREA: DUXBURY MP 0.00 ~ 0.082
MORETOWN MP 0.00 ~ 0.45

CRASH DATA: 2016 - 2020 CRASHES: 5

2020 AVERAGE DAILY TRAFFIC: 6952

2020 PEAK HOUR TRAFFIC: 960



Please note - this is a portion of an email from a resident. In further correspondence, the Town endorsed the request and formally asked the Agency for a Speed study. The full email thread is in the back of the packet, this page details the request itself

----- Forwarded message -----

From: LG <lgansesq@gmail.com>

Date: Fri, Nov 12, 2021 at 7:34 AM

Subject: GANS [326 Route 2](#)

To: Flynn, Joe <joe.flynn@vermont.gov>

CC: Cheryl Brown <townclerk@moretownvt.net>, White, David <david.white@vermont.gov>

Hi Commissioner,

I have just written to your Department through your Website about two issues regarding Route 2, which runs directly in front of my home: 1. A large shallow crater at the base of my driveway along Rt 2 and, 2. speeding heavy trucks on Rt 2 that daily rattle the foundation of my home.

With respect to the first issue, can you please have a crew assess whether they can fill in the spot? It fills with rain and becomes a large puddle which can become treacherous in winter as well. I think it is squarely on state property such that you can repair it. Thanks.

As to the second issue, I initially contacted Moretown Selectboard about the speed, and they said in essence it was beyond their control. I ultimately, ended up talking to Lt David White of the Moretown barracks. Lt White told me the VSP is patrolling the area and will at some point place a mobile speed monitor in the area. However, insofar as the passing trucks cause my small house literally to rattle each time they pass, I am hoping for a more permanent fix, such as lowering the speed limit from 40 to 25. There is no reason for heavy trucks to move faster than that in such a confined area, especially where pedestrians and cyclists regularly frequent it. You lowered the speed about ten years ago, but it really hasn't done much.

Thanks for your time, very much.

Best regards,

Laura Gans

326 [US-2, Moretown](#)

[\(802\) 522-5813](tel:8025225813)

**State of Vermont
Operations & Safety Bureau**

2178 Airport Rd
Barre, VT 05641
vtrans.vermont.gov

[phone] 802-371-8827
[fax] 802-828-2437
[ttd] 800-253-0191

Agency of Transportation

May 18, 2022

Town of Moretown
c/o Sasha Elwell-Badore, Selectboard Assistant
79 School Street
Moretown, VT 05660

RE: Speed Limit, US-2, Moretown

Dear Ms. Elwell-Badore:

This letter is in response to your November 19, 2021, e-mail requesting “the 40-mph zone along Route 2 (near 326 US-2) be lowered to a 25-mph zone”.

The Traffic Operations Unit has conducted an engineering study on this section of roadway, including measuring speeds within the study area. We found the 85th percentile speeds (the speed below which 85% of traffic is traveling) along US-2 were below the posted 40-mph speed limit, showing very good compliance. Specifically, we measured 85th percentile speeds at 35 mph near the Duxbury-Moretown town line and 40 mph near *Ted's Car Care*.

Based on these speed studies and as per the Federal Highway Administration's *Manual on Uniform Traffic Control Devices (MUTCD)*, which states that speed limits should be set within 5-mph of the 85th percentile speed, Traffic Operations recommends reducing the existing 40-mph zone to 35-mph, to better align with existing travel speeds and match the existing posted 35-mph limit on VT-100, as approaching the traffic signal at US-2. When traveling eastbound, the existing 40-mph zone begins at the Waterbury-Duxbury town line, extends through Duxbury for approximately 432 feet, and continues from the Duxbury-Moretown town line to a point just east of Gallagher Acres Rd.

We will forward this recommendation to the Vermont Traffic Committee, who makes the final decision. This topic will be on the agenda of the next Traffic Committee meeting, scheduled for Wednesday June 8, 2022, at 1:00 pm. The meeting will be conducted in a hybrid format, with Committee members and the public having the option to attend either in-person or remotely. You will be receiving an email invite with a link for the virtual meeting; the in-person meeting will be held at the Dill Building, located at 2178 Airport Road, Berlin VT. You may forward this link to others who request to attend and there will also be a call-in option available. Please attend if you wish to present testimony on behalf of the town. If you have any data you would like to share regarding this matter, please do so to me via email prior to the meeting.

Please do not hesitate to contact me at (802) 371-8827 or at ian.degutis@vermont.gov if you have any questions or require additional information, or with any questions or concerns regarding the hybrid format of this meeting.

Sincerely,

Ian Degutis, PE, PTOE
Traffic Operations Engineer

cc: Kevin Gadapee, DTA, AOT District 6 (via e-mail: kevin.gadapee@vermont.gov)
Christian Meyer, Central Vermont Regional Planning Commission (via e-mail: meyer@cvregion.com)
Amanda Holland, VTrans Planning Coordinator (via e-mail: amanda.holland@vermont.gov)
Joshua Taylor, Traffic Engineer (via e-mail: joshua.e.taylor@vermont.gov)
File, M. Miller
Duxbury Town Clerk (via e-mail: Dux.TownClerk@gmail.com)
Mari Pratt, Duxbury Select Board Chair (via e-mail: Mari.DuxburyVT@gmail.com)



**State of Vermont
Agency of Transportation
Traffic Engineering Report for a SPEED LIMIT**

New _____
 Repeal _____
 Revise Existing X

By: M. Miller

Date: 5/24/2022

Page 1 of 2

Study Location

Town	<u>Duxbury - 1206</u>	Route	<u>US-2</u>
Village	<u>-</u>	From MP	<u>0.00</u>
County	<u>Washington</u>	To MP	<u>0.082±</u>
		Length	<u>0.082± (432 ft)</u>

Recommendation

Reduce the existing posted speed limit 40-mph on US-2 to 35-MPH, from the Waterbury-Duxbury town line to 0.45± miles east of the Duxbury-Moretown town line.

Recommended by: Ian Degutis, P.E.

Date: 5/18/2022

Speed Studies

Setup #	Milepoint	Posted Speed	85th %ile Speed	Comments (Done in Moretown only)

Crash Data

From Year	<u>2016</u>	Total Number	<u>1</u>
To Year	<u>2020</u>	Injury Number	<u>0</u>
Crash Rate/Critical Rate	<u> </u>	Fatality Number	<u>0</u>
Types of crashes (number)	<u>No Crash Report filed</u>		

Roadside Characteristics

	Left	Right
State/Town Highway Junctions	<u>-</u>	<u>-</u>
Number of Drives	<u>-</u>	<u>1</u>
Number of Houses	<u>-</u>	<u>1</u>
Number of Small Businesses	<u>-</u>	<u>-</u>
List Major Businesses	<u>-</u>	<u>-</u>
	<u> </u>	<u> </u>
	<u> </u>	<u> </u>
	<u> </u>	<u> </u>

Pedestrian Crossings

Milepoint	Marked	Unmarked	School	Midblock	Intersection
none					

State of Vermont
Agency of Transportation
Traffic Engineering Report for a SPEED LIMIT

Town **Duxbury - 1206**
Route **US-2**
From MP **0**
To MP **0.082±**

Roadway Characteristics	Left	Right
No. of Roadway Lanes	1	1
Roadway, Width (feet)	11	11
Roadway, Surface Type	Bit. Conc.	Bit. Conc.
Roadway, Condition	Good	Good
Shoulder, Width (feet)	4 ft ±	4 ft ±
Shoulder, Surface Type	Bit. Conc.	Bit. Conc.
Shoulder, Condition	Good	Good
Sidewalk, Width (feet)	none	5' **
Sidewalk, Surface Type		concrete
Sidewalk, Condition		good
(**: on bridge)		
Curbing, Type of	granite	granite
Curbing, Condition	good	good
Turning Lane, Width (feet)	none	none
Turning Lane, Length (feet)		
Turning Lane, Condition		
Turning Lane, Surface Type		
Bike Lane, Length (feet)	none	none
Bike Lane, Width (feet)		

Parking Info	Left	Right
From MP	n/a	n/a
To MP		
Meets Needs?		
Signs		
Markings		
Meters		
Comments		

No Parking Zones	Left	Right
From MP	none	none
To MP		

Passing Zones	From MP	To MP
Direction		
none		

Legal No Passing Zones	From MP	To MP
Direction		
none		

Alignment	Curves	From MP	To MP	Degree	advisory speed	
					posted	proposed
		0.00	0.04±	7.8°- Right	-	-
		0.04±	0.08±	7.8°- Left	-	-

Grades	From MP	To MP	Length	Percent
none				

Bridges	ID #	Milepoint	Width
#48 **	3.83±	26' ±	

(**: Bridge #48 is listed in Waterbury; the town line for Waterbury-Duxbury occurs approximately at the center of this bridge).

**State of Vermont
Agency of Transportation
Traffic Engineering Report for a SPEED LIMIT**

New _____
Repeal _____
Revise Existing X

By: M. Miller

Date: 5/24/2022

Page 1 of 2

Study Location

Town	<u>Moretown - 1212</u>	Route	<u>US-2</u>
Village	<u>North Moretown</u>	From MP	<u>0.00</u>
County	<u>Washington</u>	To MP	<u>0.45±</u>
		Length	<u>0.45±</u>

Recommendation

Reduce the existing posted speed limit 40-mph on US-2 to 35-MPH, from the Waterbury-Duxbury town line to 0.45± miles east of the Duxbury-Moretown town line.

Recommended by: Ian Degutis, P.E.

Date: 5/18/2022

Speed Studies

Setup #	Milepoint	Posted Speed	85th %ile Speed	Comments
1	0.00-0.01±	40-mph	35-mph	West side of traffic signal at VT-100
2	0.24-0.25±	40-mph	40-mph	East side of traffic signal at VT-100

Crash Data

From Year	<u>2016</u>	Total Number	<u>5</u>
To Year	<u>2020</u>	Injury Number	<u>1</u>
Crash Rate/Critical Rate	<u>0.229* / 0.453**</u>	Fatality Number	<u>0</u>
Types of crashes	<u>Driver fell asleep, crossed CL into opposing lane (1); Unreportable (4)</u>		

*: Duxbury section - 0.000 ~ 0.082; **: Moretown section - 0.00 ~ 0.450. (1 crash in Duxbury section, 4 in Moretown).

Roadside Characteristics

	Left	Right
State/Town Highway Junctions	<u>0</u>	<u>3</u>
Number of Drives	<u>10±</u>	<u>9±</u>
Number of Houses	<u>7±</u>	<u>4± **</u> **: Additional housing
Number of Small Businesses	<u>6±</u>	<u>3±</u> located off of the 3
List Major Businesses	<u>Bike Repair, Car Repair,</u> <u>Karate Dojo, Performing</u> <u>Arts, Self Storage, etc.</u>	<u>intersecting town hwy's.</u> <u>Auto Sales & Repair, Hardware,</u> <u>Appliance Store, Business</u> <u>Offices, etc.</u>

Pedestrian Crossings

Milepoint	Marked	Unmarked	School	Midblock	Intersection
<u>none</u>					

State of Vermont
Agency of Transportation
Traffic Engineering Report for a SPEED LIMIT

Page 2 of 2

Town **Moretown - 1212**
 Route **US-2**
 From MP **0**
 To MP **0.45±**

Roadway Characteristics	Left	Right
No. of Roadway Lanes	1	1
Roadway, Width (feet)	11	11
Roadway, Surface Type	Bit. Conc.	Bit. Conc.
Roadway, Condition	Fair/Poor	Fair/Poor
Shoulder, Width (feet)	2 - 4 ft ±	2 - 4 ft ±
Shoulder, Surface Type	Bit. Conc.	Bit. Conc.
Shoulder, Condition	Fair/Poor	Fair/Poor
Sidewalk, Width (feet)	none	5' **
Sidewalk, Surface Type		Concrete
Sidewalk, Condition		Good
(**: west of jct VT-100)		
Curbing, Type of	Granite **	Granite **
Curbing, Condition	Good	Good
(**: west of jct VT-100)		
Turning Lane, Width (feet)	none	10'
Turning Lane, Length (feet)		175'±
Turning Lane, Condition		Fair
Turning Lane, Surface Type		Bit. Conc.
Bike Lane, Length (feet)	none	none
Bike Lane, Width (feet)		

Parking Info	Left	Right
From MP	n/a	n/a
To MP		
Meets Needs?		
Signs		
Markings		
Meters		
Comments		

No Parking Zones	Left	Right
From MP	none	none
To MP		

Passing Zones		
Direction	From MP	To MP
NB	none	
SB	none	

Legal No Passing Zones		
Direction	From MP	To MP
none		

Alignment	Curves	From MP	To MP	Degree	advisory speed	
					posted	proposed
		0.00±	0.03±	7.8°- Left	-	-
		0.22±	0.26±	6°- Right	-	-
		0.34±	0.42±	12°- Left	-	-
	Grades	From MP	To MP	Length	Percent	
		none				
	Bridges	ID #	Milepoint	Width		
		none				

Vermont Agency Of Transportation Spot Speed Survey Summary

Town	Moretown - 1212
County	Washington
Route	US-2
Speed Limit	40-mph

Date	04/22/22
Day	Friday
Time	9:30am - 9:59 am

Setup No.	1 of 2
Setup M.P.	0.07±

ADT	6959
Year ADT	2020
DHV	960

Survey Area	
From M.P.	0.00±
To M.P.	0.01±

Weather	Cloudy, 46° F, Roads Damp
Observer	M. Miller

Passing Zones		
Direction	Begin M.P.	End M.P.
Direction	Begin M.P.	End M.P.
Direction	Begin M.P.	End M.P.
Direction	Begin M.P.	End M.P.

	Cars, Vans, Light Trucks	Trucks & Buses	All Vehicles
Median Speed	32	29	32
85TH Percentile Speed	36	32	35
Modal Speed	33	32	33
Percent In Pace	81	100	82
10 Mile Pace	28 - 37 27 - 36	27 - 36 0 - 0	27 - 36 0 - 0
Recommended Speed Limit (All Vehicles)			33 0

MPH	Cars, Vans, Light Trucks	Acc. Pct.	Trucks And Buses	Acc. Pct.	All Vehicles	Acc. Pct.
Over 60	0	0	0	0	0	0
56-60	0	0	0	0	0	0
51-55	0	0	0	0	0	0
46-50	0	0	0	0	0	0
41-45	3	3	0	0	3	3
36-40	13	17	1	17	14	17
31-35	46	66	2	50	48	65
26-30	29	97	3	100	32	97
Under 26	3	100	0	100	3	100
Totals	94	100	6	100	100	100

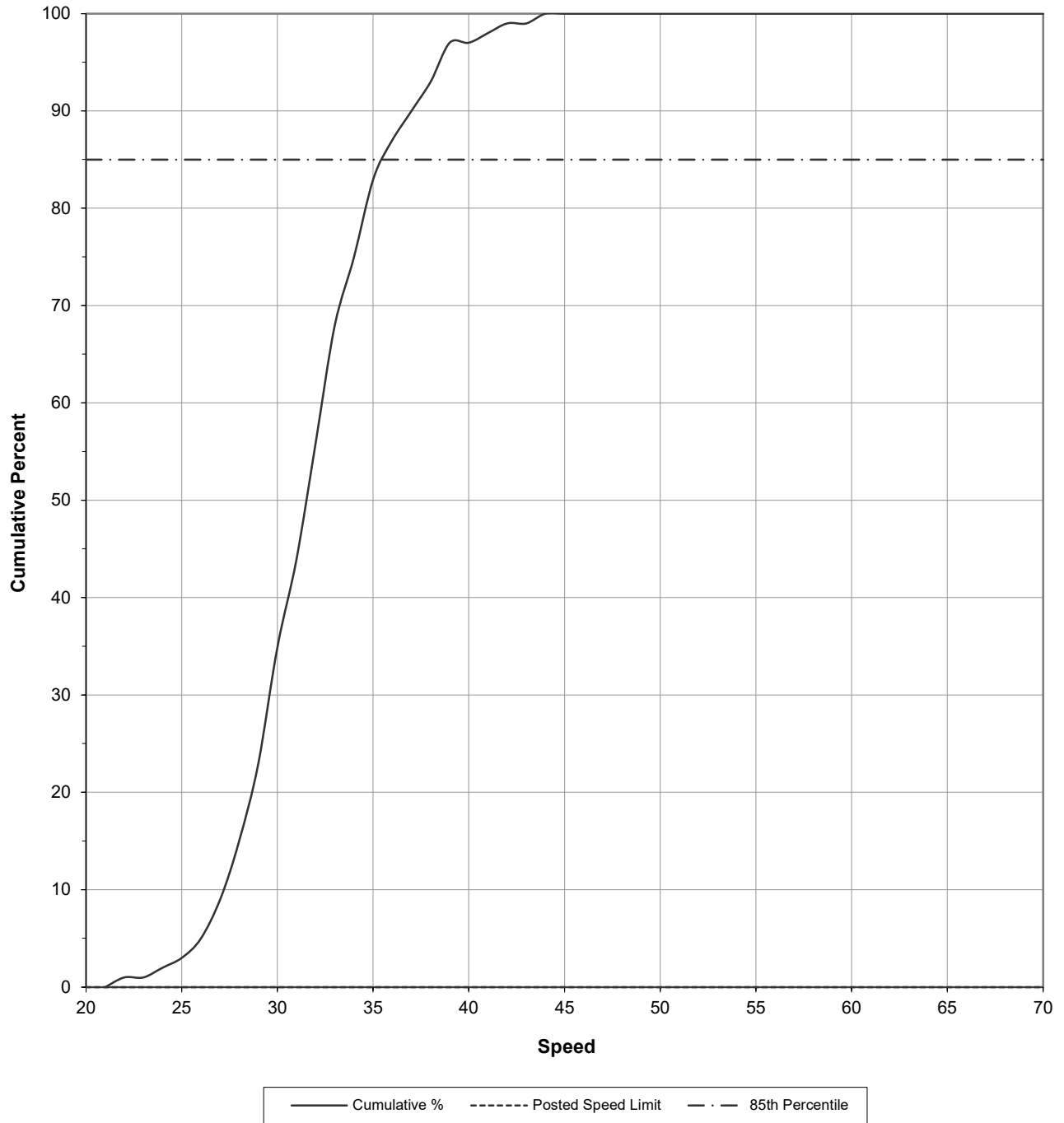
General Remarks On Traffic (Only For The Area Covered By This Spot Speed Survey)	
Heavy platooning in both directions. Only free-flowing vehicles counted. Frequent acceleration and deceleration in both directions due to traffic signal. EB vehicles generally slowing slightly as approaching the traffic signal, WB speeding up slightly as leaving the signal, but overall steady both dir.	
Setup Location Description	
Parked in the closed off bike shop driveway on the west side, car and radar facing west.	
Target is between the Duxbury-Moretown town line sign and the EB-facing destination sign assembly just east of the town line sign.	

Vermont Agency Of Transportation Spot Speed Survey Field Report

Town Moretown - 1212	Date 04/22/22
Route US-2	Day Friday
Speed Limit 40-mph	Time 9:30am - 9:59 am
	Survey Area
Setup No. 1 of 2	From M.P. 0.00±
Setup M.P. 0.07±	To M.P. 0.01±

MPH	Cars		Total Cars	Trk. & Bus		Total Trk. & Bus	Total Vehicles	Accum. Vehicles	Accum. Percent
	EB	WB		EB	WB				
70								100	100.0
69								100	100.0
68								100	100.0
67								100	100.0
66								100	100.0
65								100	100.0
64								100	100.0
63								100	100.0
62								100	100.0
61								100	100.0
60								100	100.0
59								100	100.0
58								100	100.0
57								100	100.0
56								100	100.0
55								100	100.0
54								100	100.0
53								100	100.0
52								100	100.0
51								100	100.0
50								100	100.0
49								100	100.0
48								100	100.0
47								100	100.0
46								100	100.0
45								100	100.0
44	1		1				1	100	100.0
43								99	99.0
42		1	1				1	99	99.0
41	1		1				1	98	98.0
40								97	97.0
39		4	4				4	97	97.0
38	2	1	3				3	93	93.0
37	1	2	3				3	90	90.0
36	3		3	1		1	4	87	87.0
35	3	5	8				8	83	83.0
34	5	2	7				7	75	75.0
33	8	4	12				12	68	68.0
32	4	6	10	1	1	2	12	56	56.0
31	5	4	9				9	44	44.0
30	7	4	11	1		1	12	35	35.0
29	4	3	7	1		1	8	23	23.0
28	1	5	6				6	15	15.0
27	2	1	3		1	1	4	9	9.0
26	2		2				2	5	5.0
25	1		1				1	3	3.0
24	1		1				1	2	2.0
23								1	1.0
22	1		1				1	1	1.0
21									
Totals	52	42	94	4	2	6	100		

Spot Speed Survey Plot



Vermont Agency Of Transportation Spot Speed Survey Summary

Town	Moretown - 1212
County	Washington
Route	US-2
Speed Limit	40-mph

Date	04/22/22
Day	Friday
Time	10:08am - 10:59 am

Setup No.	2 of 2
Setup M.P.	0.30±

ADT	2917
Year ADT	2020
DHV	420

Survey Area	
From M.P.	0.24±
To M.P.	0.25±

Weather	Cloudy, 46° F, Roads Damp
Observer	M. Miller

Passing Zones		
Direction	Begin M.P.	End M.P.
Direction	Begin M.P.	End M.P.
Direction	Begin M.P.	End M.P.
Direction	Begin M.P.	End M.P.

	Cars, Vans, Light Trucks	Trucks & Buses	All Vehicles
Median Speed	36	34	36
85TH Percentile Speed	41	35	40
Modal Speed	36	35	35
Percent In Pace	80	92	81
10 Mile Pace	33 - 42 0 - 0	29 - 38 0 - 0	33 - 42 0 - 0
Recommended Speed Limit (All Vehicles)			39 0

MPH	Cars, Vans, Light Trucks	Acc. Pct.	Trucks And Buses	Acc. Pct.	All Vehicles	Acc. Pct.
Over 60	0	0	0	0	0	0
56-60	1	1	0	0	1	1
51-55	0	1	0	0	0	1
46-50	1	2	0	0	1	2
41-45	15	20	0	0	15	17
36-40	36	61	4	31	40	57
31-35	29	94	7	85	36	93
26-30	5	100	2	100	7	100
Under 26	0	100	0	100	0	100
Totals	87	100	13	100	100	100

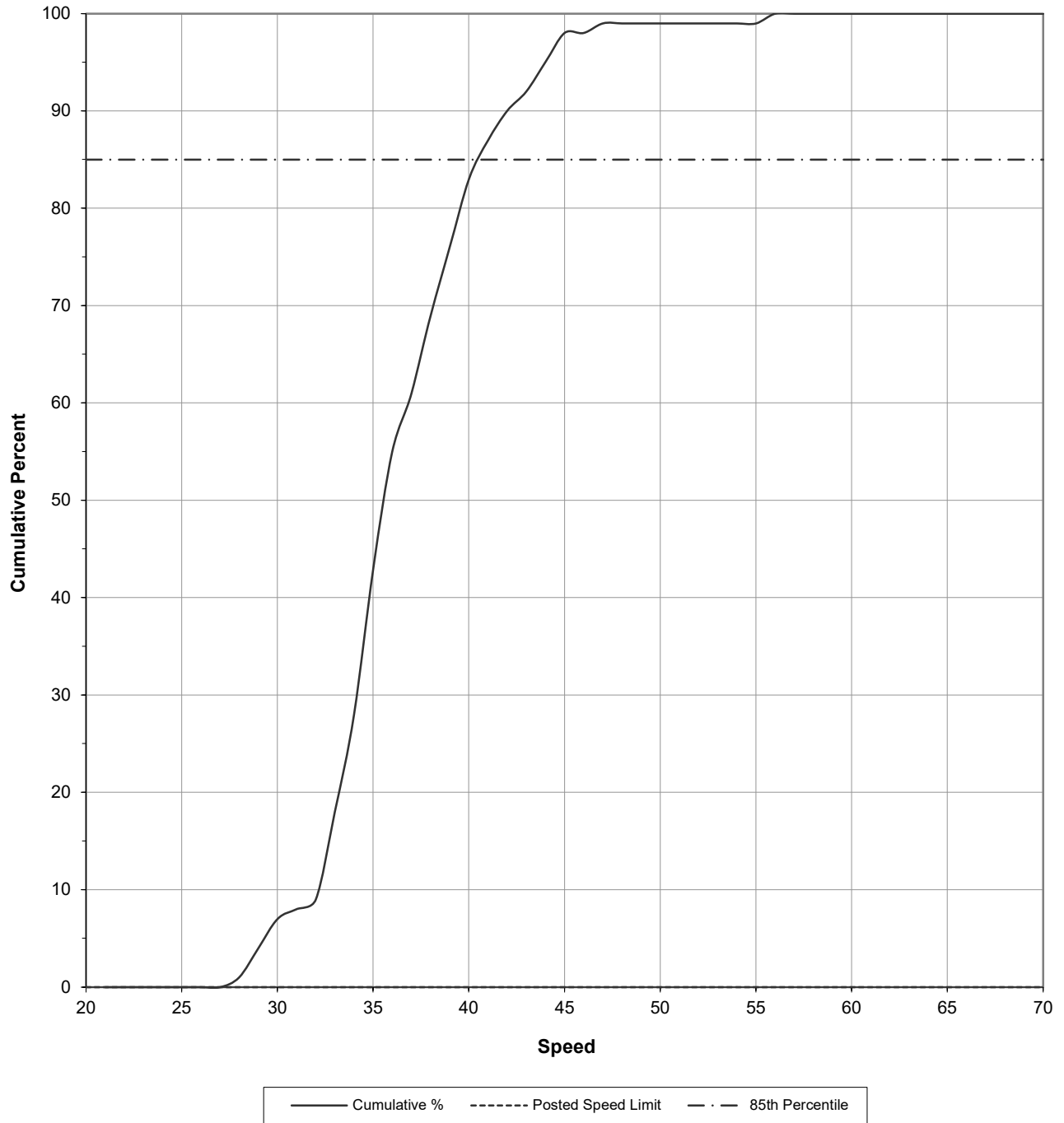
General Remarks On Traffic (Only For The Area Covered By This Spot Speed Survey)	
Very little platooning on this side of the intersection. Observed heavier truck traffic.	
Speeds generally steady in both directions.	
Setup Location Description	
Parked off the wide shoulder to "Ted's Car Care", car and radar facing west.	
Target is adjacent to the Speed Limit 40 signs across from each other, facing each direction of travel.	

Vermont Agency Of Transportation Spot Speed Survey Field Report

Town Moretown - 1212	Date 04/22/22
Route US-2	Day Friday
Speed Limit 40-mph	Time 10:08am - 10:59 am
	Survey Area
Setup No. 2 of 2	From M.P. 0.24±
Setup M.P. 0.30±	To M.P. 0.25±

MPH	Cars		Total Cars	Trk. & Bus		Total Trk. & Bus	Total Vehicles	Accum. Vehicles	Accum. Percent
	EB	WB		EB	WB				
70								100	100.0
69								100	100.0
68								100	100.0
67								100	100.0
66								100	100.0
65								100	100.0
64								100	100.0
63								100	100.0
62								100	100.0
61								100	100.0
60								100	100.0
59								100	100.0
58								100	100.0
57								100	100.0
56	1		1				1	100	100.0
55								99	99.0
54								99	99.0
53								99	99.0
52								99	99.0
51								99	99.0
50								99	99.0
49								99	99.0
48								99	99.0
47		1	1				1	99	99.0
46								98	98.0
45	2	1	3				3	98	98.0
44		3	3				3	95	95.0
43		2	2				2	92	92.0
42		3	3				3	90	90.0
41	1	3	4				4	87	87.0
40	1	5	6	1		1	7	83	83.0
39	1	6	7				7	76	76.0
38	4	3	7	1		1	8	69	69.0
37	4	1	5		1	1	6	61	61.0
36	6	5	11		1	1	12	55	55.0
35	5	6	11	1	3	4	15	43	43.0
34	5	4	9	1		1	10	28	28.0
33	6	1	7		2	2	9	18	18.0
32	1		1				1	9	9.0
31	1		1				1	8	8.0
30	2	1	3				3	7	7.0
29	1		1		2	2	3	4	4.0
28	1		1				1	1	1.0
27									
26									
25									
24									
23									
22									
21									
Totals	42	45	87	4	9	13	100		

Spot Speed Survey Plot



State of Vermont
Highway Safety Office
Dill Bldg., 2178 Airport Rd
Berlin, VT 05641

[phone] 802-595-9341
[fax] 802-828-3983
[ttd] 802-253-0191

Agency of Transportation

MEMORANDUM

TO: Marcos Miller, SE Regional Traffic Safety Investigator

FROM: Laurie Roberts, AOT Technician

DATE: March 10, 2022

SUBJECT: Town: Duxbury Route: US 2 MM: 0.00-0.082
Town: Moretown Route: US-2 MM: 0.00-0.450

In response to your March 9, 2022, request, I have provided you with the 2016-2020 and 2021 crash listings and analyses for the influence of the highway sections listed above; I offer the following information:

- This section of US-2 in Duxbury and Moretown does not meet the High Crash Location (HCL) criteria for the 2016-2020 period analyzed.
- There were no Federal Aid intersections reviewed for the section of US-2 in Duxbury for this analysis.
- There is a Federal Aid intersection for the section of US-2 in Moretown. VT-100 intersects US-2 at mile point 1.230. An analysis was done for this intersection, and it does not meet the High Crash Location criteria for the 2016-2020 period analyzed.
- The crash listing for the section of US-2 in Moretown for 2021 is attached. The 2021 data is incomplete with 95% of the data in the system. There were no crashes during 2021 for the section of US-2 in Duxbury.
- We have no record of previous analyses done on this route in Duxbury and Moretown.
- There are no High Crash Locations overlapping this section of US-2 according to the Formal High Crash Location Report from 2014 – 2018.

Please be advised: Any police crash reports that may have been provided need to be returned to this office once you have completed your analysis.

Please contact Mandy White at (802) 595-9341 or mandy.white@vermont.gov with questions.

VERMONT AGENCY OF TRANSPORTATION
Highway Division
Highway Safety Data Unit

DATE: 03/09/22
(xx/xx/xx)

CRASH ANALYSIS: * SECTION *

ROUTE: US-2

TOWN: Duxbury

MILEPOINT:	BEGIN	END
	0	0.082
LENGTH:	0.082	

Functional Classification: 6
(by FC code. Enter 1,2,6,7,8,9,11,12,14,16,17, or 19)

PROJECT NUMBER: _____

BY(initials): LR

CHECKED BY: BH

	Year	Total Crashes	Injury Crashes	Number of Injuries	Fatal Crashes	Number of Fatalities
1.	2016	0	0	0	0	0 2016
2.	2017	1	0	0	0	0 2017
3.	2018	0	0	0	0	0 2018
4.	2019	0	0	0	0	0 2019
5.	2020	0	0	0	0	0 2020
TOTALS		1	0	0	0	0

N ← Y or N: Are there 5 or more crashes in the 5 year period, OR is there at least one crash per year in the 5 year period?

CRASH (Actual) RATE: 0.835 ACC/MILLION VEHICLE MILES(MVM)

STATEWIDE RATE: 1.2485 ACC/MILLION VEHICLE MILES(MVM)

CRITICAL RATE: 3.647 ACC/MILLION VEHICLE MILES(MVM)

** CRASH (Actual) RATE/CRITICAL RATE: 0.229 RATIO

HIGH CRASH LOCATION (HCL)(RATIO > 1.000): No

SEVERITY INDEX (AVE. COST(\$)) PER CRASH: 9,100

NOTE: For a location to be considered a HCL, two criteria must be satisfied. First, five (5) or more crashes must have occurred in a five-year period or the equivalent of one (1) per year. Second, the Actual to Critical ratio must be 1.000 or higher.

REMARKS:

ROUTE:	US-2		TOWN:	Duxbury	
M.P.:	BEGIN	END	LENGTH:	0.08	DATE: 03/09/22 (xx/xx/xx)
AADT 2018	LENGTH	WEIGHT			
1. 8200	0.082	672.4			
2.		0			
3.		0			
4.		0			
5.		0			
6.		0			
7.		0			
8.		0			
9.		0			
10.		0			
TOTALS	0.08	672.4			
WTD AADT =		8200	2016	to	2020
MIL. VEH. MI.(MVM)		1.227			
Number of years of crash data:					5

Route	Reporting Agency/Incident N	City/Town	Mile Marker	Crash Date	Time	Weather	Contributir	Direction	O	Number of	Number of	Number of	Direction	Road Grou	Crash Severity
US-2	VTVSP1200/17A303067	Duxbury	0.01	7/28/2017	2:40 PM	[No Weather]		[No Directi		0	0	0		SH State O	[No Data]

Note: THIS DOCUMENT IS EXEMPT FROM DISCOVERY OR ADMISSION UNDER 23 U.S.C. 409.
US-2 Duxbury MM 0.00-0.082

No crash report or narrative available for the Incident listed above.

VERMONT AGENCY OF TRANSPORTATION
 Highway Division
 Highway Safety Data Unit

DATE: 03/09/22
 (xx/xx/xx)

CRASH ANALYSIS: * SECTION *

ROUTE: US-2 TOWN: Moretown MILEPOINT:

BEGIN	END
0	0.45

 LENGTH:

0.45

Functional Classification: 6 PROJECT NUMBER: _____
 (by FC code. Enter 1,2,6,7,8,9,11,12,14,16,17, or 19)
 BY(initials): LR CHECKED BY: BH

	Year	Total Crashes	Injury Crashes	Number of Injuries	Fatal Crashes	Number of Fatalities
1.	<u>2016</u>	0	0	0	0	0 <u>2016</u>
2.	<u>2017</u>	1	0	0	0	0 <u>2017</u>
3.	<u>2018</u>	1	1	1	0	0 <u>2018</u>
4.	<u>2019</u>	2	0	0	0	0 <u>2019</u>
5.	<u>2020</u>	0	0	0	0	0 <u>2020</u>
TOTALS		4	1	1	0	0

N ← Y or N: Are there 5 or more crashes in the 5 year period, OR is there at least one crash per year in the 5 year period?

CRASH (Actual) RATE: 1.262 ACC/MILLION VEHICLE MILES(MVM)

STATEWIDE RATE: 1.2485 ACC/MILLION VEHICLE MILES(MVM)

CRITICAL RATE: 2.789 ACC/MILLION VEHICLE MILES(MVM)

** CRASH (Actual) RATE/CRITICAL RATE: 0.453 RATIO

HIGH CRASH LOCATION (HCL)(RATIO > 1.000): No

SEVERITY INDEX (AVE. COST(\$)) PER CRASH: 26,500

NOTE: For a location to be considered a HCL, two criteria must be satisfied. First, five (5) or more crashes must have occurred in a five-year period or the equivalent of one (1) per year. Second, the Actual to Critical ratio must be 1.000 or higher.

REMARKS:

ROUTE:	<u>US-2</u>		TOWN:	<u>Moretown</u>					
M.P.:	<table border="1"><tr><td>BEGIN</td><td>END</td></tr><tr><td>0</td><td>0.45</td></tr></table>	BEGIN	END	0	0.45	LENGTH:	<u>0.45</u>	DATE:	<u>03/09/22</u> (xx/xx/xx)
BEGIN	END								
0	0.45								
	AADT 2018	LENGTH	WEIGHT						
1.	5800	0.086	498.8						
2.	3400	0.364	1237.6						
3.			0						
4.			0						
5.			0						
6.			0						
7.			0						
8.			0						
9.			0						
10.			0						
TOTALS		0.45	1736.4						
WTD AADT =			3859	<u>2016</u> to <u>2020</u>					
MIL. VEH. MI.(MVM)			3.169						
Number of years of crash data: <table border="1"><tr><td>5</td></tr></table>						5			
5									

Route	Reporting Agency/Incident	City/Town	Mile Mark	Crash Date	Time	Weather	Contributor	Direction	C Number	Number of	Number of	Number of	Direction	Road Group	Crash Severity
US-2	VTVSP1200/18A301579	Moretown	0.02	4/9/2018	3:20 PM	Clear	No improper	Other - Exp	1	0	0	S- N	SH State O	Suspected	Minor
US-2	VTVSP1200/17A301052	Moretown	0.3	3/14/2017	6:35 PM	[No Weather]		[No Direction]	0	0	0		SH State O	[No Data]	
US-2	VTVSP1200/19A300791	Moretown	0.39	2/13/2019	8:25 PM	[No Weather]		[No Direction]	0	0	0		SH State O	[No Data]	
US-2	VTVSP1200/19A303975	Moretown	0.39	8/16/2019	8:24 PM	[No Weather]		[No Direction]	0	0	0		SH State O	[No Data]	

Note: THIS DOCUMENT IS EXEMPT FROM DISCOVERY OR ADMISSION UNDER 23 U.S.C. 409.

US-2 Moretown mile point 0-0.45

VT-100 intersects US-2 at mile point 0.09.

No crash report or narrative available for 3 of the 4 crash incidents listed above. (3 of the crashes were unreportable).

For Incident #18A301579: Driver fell asleep and crossed centerline and collided with an oncoming vehicle. Minor injuries reported.

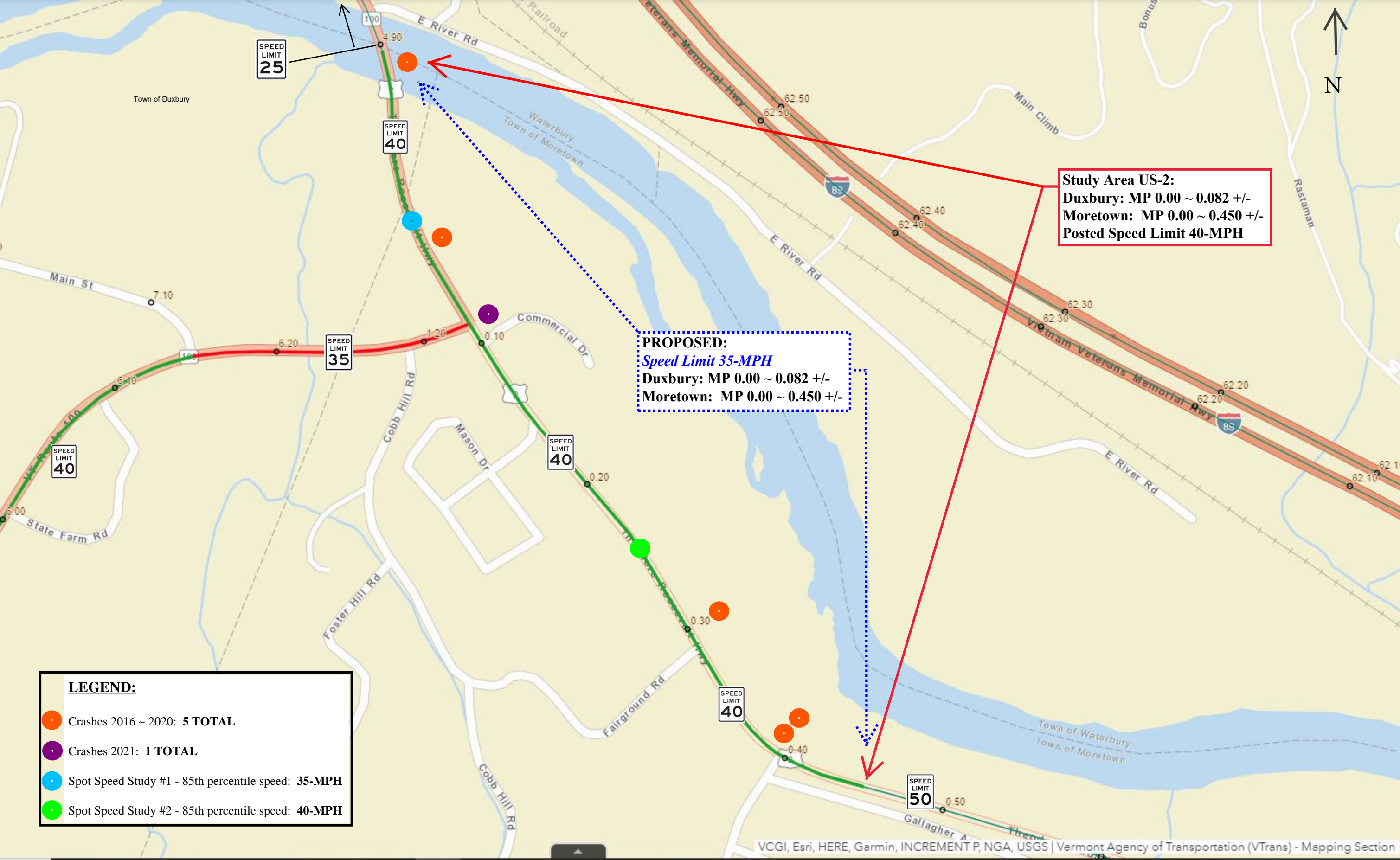
Route	Reporting Agency/Incident City/Town	Mile Mark	Crash Date	Time	Weather	Contributor	Direction	C Number of	Number of	Number of	Direction	Road Group	Crash Severity
US-2	VTVSP1200/21A301283 Moretown	0.09	4/5/2021	3:20 PM	Cloudy	No improper	Head On	2	0	0	E- W	SH State O	Suspected Minor

THIS DOCUMENT IS EXEMPT FROM DISCOVERY OR ADMISSION UNDER 23 U.S.C.409.

US-2 Moretown MM 0-0.45.

2021 crash:

#21A301283: Crash at intersection of US-2 and VT-100. Left-turning vehicle from US-2 struck left-turning vehicle from VT-100. Fail to yield ROW, minor injuries.



Study Area US-2:
 Duxbury: MP 0.00 ~ 0.082 +/-
 Moretown: MP 0.00 ~ 0.450 +/-
 Posted Speed Limit 40-MPH

PROPOSED:
Speed Limit 35-MPH
 Duxbury: MP 0.00 ~ 0.082 +/-
 Moretown: MP 0.00 ~ 0.450 +/-

LEGEND:

- Crashes 2016 ~ 2020: **5 TOTAL**
- Crashes 2021: **1 TOTAL**
- Spot Speed Study #1 - 85th percentile speed: **35-MPH**
- Spot Speed Study #2 - 85th percentile speed: **40-MPH**

State of Vermont
Operations & Safety Bureau
2178 Airport Rd
Barre, VT 05641
vtrans.vermont.gov

[phone] 802-371-8827
[fax] 802-828-2437
[ttd] 800-253-0191

Agency of Transportation

November 30, 2021

Town of Moretown
c/o Sasha Elwell-Badore, Selectboard Assistant
79 School Street
Moretown, VT 05660

RE: Speed Limit, US-2, Moretown

Dear Ms. Elwell-Badore:

This letter is in response to your November 19, 2021, e-mail requesting “the 40-mph zone along Route 2 (near 326 US-2) be lowered to a 25-mph zone”.

Since this is a regulatory issue, Traffic Operations will conduct a traffic engineering study, as required by State Law, and will forward a recommendation to the Vermont Traffic Committee, who makes the final decision. You will be notified of our recommendation 2-3 weeks prior to the Traffic Committee meeting where this issue will be discussed, in the event you wish to attend and provide testimony. The meeting will likely be held in a hybrid or partially virtual format.

Speed limits on state highways are set by the Vermont Traffic Committee, made up of the Secretary of Transportation, the Commissioner of Motor Vehicles, and the Commissioner of Public Safety, based on an engineering study performed by the Agency of Transportation. The Committee meets about three times per year, and the town and other interested parties may present testimony at the meetings.

This item will be added to the agenda for the Traffic Committee meeting to be held in late Spring.

Please do not hesitate to contact me at (802) 371-8827 or at ian.degutis@vermont.gov if you have any questions or require additional information.

Sincerely,

Ian Degutis, PE, PTOE
Traffic Operations Engineer

cc: Kevin Gadapee, DTA, AOT District 6 (via e-mail: kevin.gadapee@vermont.gov)
Christian Meyer, Central Vermont Regional Planning Commission (via e-mail: meyer@cvregion.com)
Zoe Neaderland, VTrans Planning Coordinator (via e-mail: zoe.neaderland@vermont.gov)
Joshua Taylor, Traffic Engineer (via e-mail joshua.e.taylor@vermont.gov)
File, (via Marcos Miller)

Miller, Marcos

From: Degutis, Ian
Sent: Tuesday, November 30, 2021 4:13 PM
To: Miller, Marcos
Subject: FW: GANS 326 Route 2 - Resident Inquiry

I'm considering this to be their official request...not real formal but it does indicate its on behalf of the Selectboard and the cc'd appears to be the Chair.

-Ian
802-371-8827

From: Sasha Elwell-Badore <mselectboard@moretownvt.net>
Sent: Friday, November 19, 2021 10:26 AM
To: Degutis, Ian <Ian.Degutis@vermont.gov>
Cc: tjmar106@gmail.com
Subject: FW: GANS 326 Route 2 - Resident Inquiry

EXTERNAL SENDER: Do not open attachments or click on links unless you recognize and trust the sender.

Good Morning Ian,

Please consider this the Moretown Select Board's formal request for the speed limit issue/study, that Laura Gans has written you about on Route 2.

Thank you,

Sasha Elwell-Badore
Selectboard Assistant
Town of Moretown
802-882-8219
802-329-2222 fax

From: LG <lgansesq@gmail.com>
Sent: Wednesday, November 17, 2021 6:15 PM
To: Cherilyn Brown <townclerk@moretownvt.net>
Subject: Fwd: GANS [326 Route 2](#) - Resident Inquiry

Hi Cherilyn,

Hope you are well.

Can the Selectboard reach out to Ian as requested below?

Thanks very much.

Best,

Laura Gans

----- Forwarded message -----

From: **Degutis, Ian** <Ian.Degutis@vermont.gov>

Date: Wed, Nov 17, 2021 at 6:05 PM

Subject: RE: GANS [326 Route 2](#) - Resident Inquiry

To: LG <lgansesq@gmail.com>

CC: Law, Todd <Todd.Law@vermont.gov>, Schultz, Joshua <Joshua.Schultz@vermont.gov>, Boomhower, Michele <Michele.Boomhower@vermont.gov>, Driscoll, Kristin <Kristin.Driscoll@vermont.gov>

Good afternoon Ms. Gans-

I am writing back with regard to your question about the posted speed limit on US-2 near your home, and to share with you the process by which speed limit changes are considered on the State Highway system. Speed limits on State highways are set by the Vermont Traffic Committee, on the basis of an engineering study conducted by my team in accordance with the Manual on Uniform Traffic Control Devices.

Requests for such study need to come from the Town selectboard, and should be sent to me (contact information below). Once such request has been received, my team will conduct an engineering study, and the findings of that study will be presented to the Traffic Committee at their next meeting. The Town and interested citizens will also be invited to attend the meeting.

Some additional information about this process and some of the factors that go into the engineering study can be found at the following link: <https://vtrans.vermont.gov/operations/technical-services/tsmo/traffic-operations/faqs#16>

Reaching out to Lt. White from Vermont State Police was also a good course of action; working with Law Enforcement agencies, and/or with the Town to contract for increased enforcement presence in the area is typically one of the first suggestions I make when I hear concerns like yours, so I'm glad to see you're already working on that.

Thank you, and have a good evening!

Ian Degutis, PE, PTOE | State Traffic Engineer

Vermont Agency of Transportation

[2178 Airport Road | Berlin, VT 05641](#)

802-371-8827 | ian.degutis@vermont.gov

From: LG <lgansesq@gmail.com>
Sent: Friday, November 12, 2021 8:54 AM
To: Boomhower, Michele <Michele.Boomhower@vermont.gov>
Cc: Degutis, Ian <Ian.Degutis@vermont.gov>; Law, Todd <Todd.Law@vermont.gov>; Schultz, Joshua <Joshua.Schultz@vermont.gov>
Subject: Re: GANS [326 Route 2](#) - Resident Inquiry

EXTERNAL SENDER: Do not open attachments or click on links unless you recognize and trust the sender.

Hi Michele,

So many thanks for your quick response. I truly appreciate it. I look forward to hearing back from you/other folks.

Have a great weekend, all.

Best,

Laura

On Fri, Nov 12, 2021 at 8:51 AM Boomhower, Michele <Michele.Boomhower@vermont.gov> wrote:

Good Morning Ms. Gans,

Thank you for reaching out to me regarding the concerns you have raised with regards to pavement conditions adjacent to your driveway and the impact of truck speeds in the area of your residence.

I have added Todd Law, our Deputy Division Director for Maintenance and Fleet, who can work with our District Maintenance crews to see about the ponding you have occurring. Todd will get back to you with a response once his crews have checked this out.

I have also added Josh Schultz and Ian Degutis from our Operations and Safety Bureau who can look into the issues related to truck speeds and related safety issues. Ian or Josh will be in touch once they have reviewed the matter and potential options.

Please feel free to contact me again with any further inquiries.

Best,

Michele

Michele Boomhower | Division Director

Policy, Planning & Intermodal Development (Aviation, Rail and Public Transit) Division

Vermont Agency of Transportation

Barre City Place

[219 N. Main St, Barre, VT 05641](#)

[\(802\) 505-3480](#)

vtrans.vermont.gov

This is our shot, Vermont! Everyone age 5 and older can get their COVID-19 vaccine. Sign up for your shot today at healthvermont.gov/MyVaccine or call 855-722-7878. Stay informed on [Facebook](#) and [Twitter](#) @healthvermont. #OurShotVT



From: LG <lgansesq@gmail.com>

Sent: Friday, November 12, 2021 7:36 AM

To: Boomhower, Michele <Michele.Boomhower@vermont.gov>

Subject: Fwd: GANS [326 Route 2](#)

EXTERNAL SENDER: Do not open attachments or click on links unless you recognize and trust the sender.

Please see below.

Thanks very much.

Laura Gans

----- Forwarded message -----

From: LG <lgansesq@gmail.com>

Date: Fri, Nov 12, 2021 at 7:34 AM

Subject: GANS [326 Route 2](#)

To: Flynn, Joe <joe.flynn@vermont.gov>

CC: Cheryl Brown <townclerk@moretownvt.net>, White, David <david.white@vermont.gov>

Hi Commissioner,

I have just written to your Department through your Website about two issues regarding Route 2, which runs directly in front of my home: 1. A large shallow crater at the base of my driveway along Rt 2 and, 2. speeding heavy trucks on Rt 2 that daily rattle the foundation of my home.

With respect to the first issue, can you please have a crew assess whether they can fill in the spot? It fills with rain and becomes a large puddle which can become treacherous in winter as well. I think it is squarely on state property such that you can repair it. Thanks.

As to the second issue, I initially contacted Moretown Selectboard about the speed, and they said in essence it was beyond their control. I ultimately, ended up talking to Lt David White of the Moretown barracks. Lt White told me the VSP is patrolling the area and will at some point place a mobile speed monitor in the area. However, insofar as the passing trucks cause my small house literally to rattle each time they pass, I am hoping for a more permanent fix, such as lowering the speed limit from 40 to 25. There is no reason for heavy trucks to move faster than that in such a confined area, especially where pedestrians and cyclists regularly frequent it. You lowered the speed about ten years ago, but it really hasn't done much.

Thanks for your time, very much.

Best regards,

Laura Gans

326 [US-2, Moretown](#)

[\(802\) 522-5813](tel:(802)522-5813)