

District 3
Certcode 1101-0

**CERTIFICATE OF HIGHWAY MILEAGE
YEAR ENDING FEBRUARY 10, 2018**

Fill out form, make and file copy with the Town Clerk, and mail ORIGINAL, before February 20, 2018 to:
Vermont Agency of Transportation, Division of Policy, Planning and Intermodal Development, Mapping Section
One National Life Drive, Montpelier, VT 05633.

We, the members of the legislative body of **BENSON** in **RUTLAND** County
on an oath state that the mileage of highways, according to Vermont Statutes Annotated, Title 19, Section 305,
added 1985, is as follows:

PART I - CHANGES TOTALS - Please fill in and calculate totals.

Town Highways	Previous Mileage	Added Mileage	Subtracted Mileage	Total	Scenic Highways
Class 1	0.000			"	0.000
Class 2	14.960		0.09	14.870	0.000
Class 3	36.61			"	0.000
State Highway	6.276			"	0.000
Total	57.846			57.756	0.000
* Class 1 Lane	0.000			"	
* Class 4	4.18			"	0.000
* Legal Trail	0.00			"	

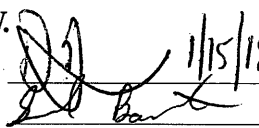
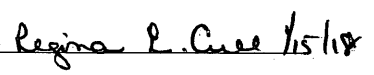
* Mileage for Class 1 Lane, Class 4, and Legal Trail classifications are NOT included in total.

PART II - INFORMATION AND DESCRIPTION OF CHANGES SHOWN ABOVE.

- NEW HIGHWAYS:** Please attach Selectmen's "Certificate of Completion and Opening".
- DISCONTINUED:** Please attach SIGNED copy of proceedings (minutes of meeting).
- RECLASSIFIED/REMEASURED:** Please attach SIGNED copy of proceedings (minutes of meeting).
-0.09 mi CL2 TH-2 due to review of VT-144 mileage
- SCENIC HIGHWAYS:** Please attach a copy of order designating/discontinuing Scenic Highways.

IF THERE ARE NO CHANGES IN MILEAGE: Check box and sign below. []

PART III - SIGNATURES - PLEASE SIGN.

Selectmen/ Aldermen/ Trustees Signatures:  1/15/18
 Regina P. Cuel 1/15/18

T/C/V Clerk Signature:  Date Filed: January 16, 2018

Please sign ORIGINAL and return it for Transportation signature.

AGENCY OF TRANSPORTATION APPROVAL: Signed copy will be returned to T/C/V Clerk.

APPROVED:  DATE: 1/18/2018
Representative, Agency of Transportation

Received

JAN 18 2018

Policy, Planning & Intermodal
Management Division

Vermont Statutes Annotated

19 V.S.A. § 305. Measurement and inspection

§ 305. Measurement and inspection

(a) After reasonable notice to the selectboard, a representative of the agency may measure and inspect the class 1, 2, and 3 town highways in each town to verify the accuracy of the records on file with the agency. Upon request, the selectboard or their designee shall be permitted to accompany the representative of the agency during the measurement and inspection. The agency shall notify the town when any highway, or portion of a highway, does not meet the standards for its assigned class. If the town fails, within one year, to restore the highway or portion of the highway to the accepted standard, or to reclassify, or to discontinue, or develop an acceptable schedule for restoring to the accepted standards, the agency for purposes of apportionment under section 306 of this title shall deduct the affected mileage from that assigned to the town for the particular class of the road in question.

(b) Annually, on or before February 10, the selectboard shall file with the town clerk a sworn statement of the description and measurements of all class 1, 2, 3, and 4 town highways and trails then in existence, including any special designation such as a throughway or scenic highway. When class 1, 2, 3, or 4 town highways, trails, or unidentified corridors are accepted, discontinued, or reclassified, a copy of the proceedings shall be filed in the town clerk's office and a copy shall be forwarded to the agency.

(c) All class 1, 2, 3, and 4 town highways and trails shall appear on the town highway maps by July 1, 2015.

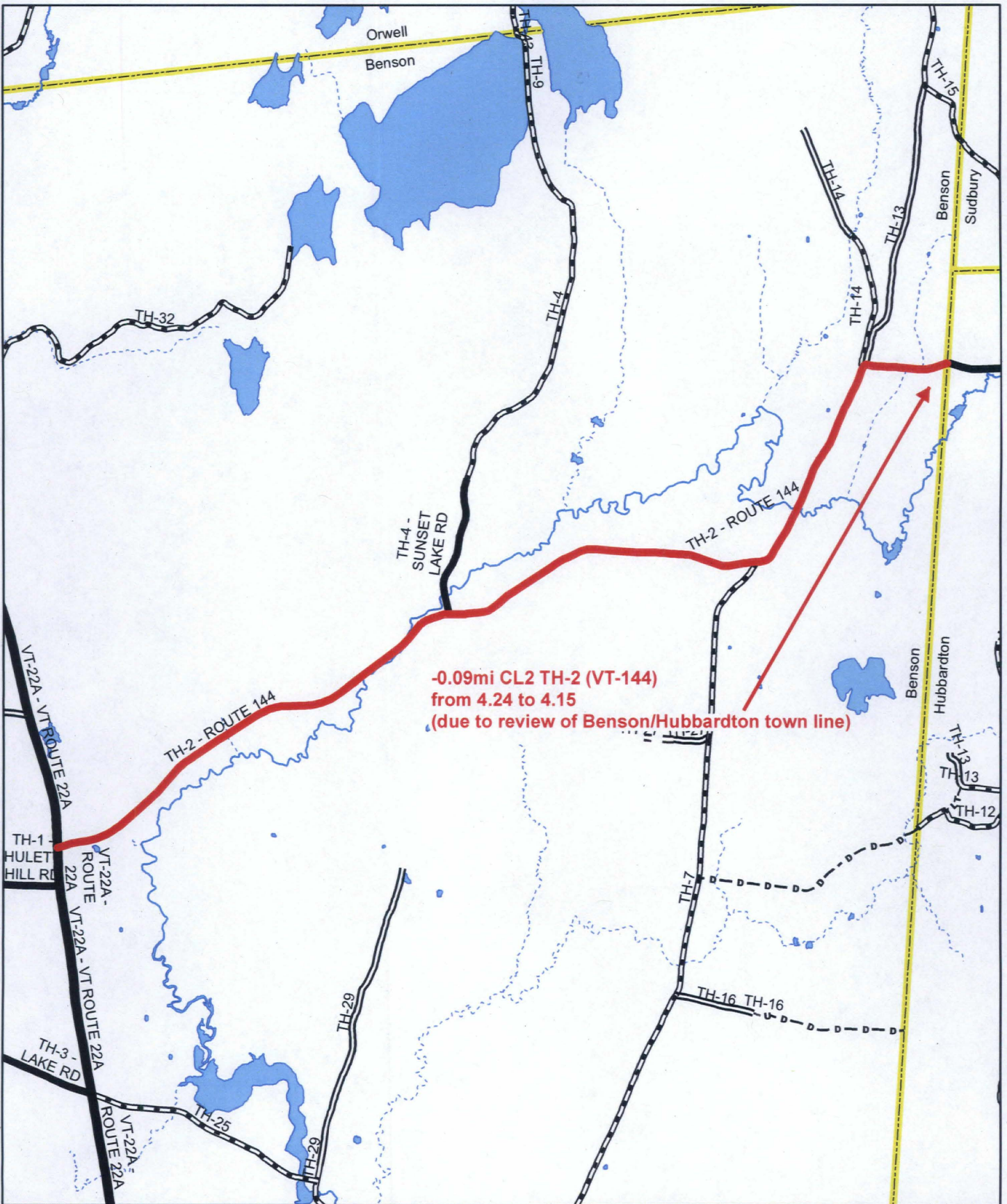
(d) At least 45 days prior to first including a town highway or trail that is not clearly observable by physical evidence of its use as a highway or trail and that is legally established prior to February 10, 2006 in the sworn statement required under subsection (b) of this section, the legislative body of the municipality shall provide written notice and an opportunity to be heard at a duly warned meeting of the legislative body to persons owning lands through which a highway or trail passes or abuts.

(e) The agency shall not accept any change in mileage until the records required to be filed in the town clerk's office by this section are received by the agency. A request by a municipality to the agency for a change in mileage shall include a description of the affected highway or trail, a copy of any surveys of the affected highway or trail, minutes of meetings at which the legislative body took action with respect to the changes, and a current town highway map with the requested deletions and additions sketched on it. A survey shall not be required for class 4 town highways that are legally established prior to February 10, 2006. All records filed with the agency are subject to verification in accordance with subsection (a) of this section.

(f) The selectboard of any town who are aggrieved by a finding of the agency concerning the measurement, description, or classification of a town highway may appeal to the transportation board by filing a notice of appeal with the executive secretary of the transportation board.

(g) The agency shall provide each town with a map of all of the highways in that town together with the mileage of each class 1, 2, 3, and 4 highway, as well as each trail, and such other information as the agency deems appropriate.

Excerpt of 19 V.S.A. § 305 - *Measurement and inspection* from Vermont Statutes Online located at – <https://legislature.vermont.gov/statutes/section/19/003/00305>



Mileage Certificate Change 2018

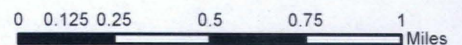
BENSON

(CTUA: 1101-0)

N



Mapping Section
Division of Policy, Planning, and Intermodal Development
Vermont Agency of Transportation - November 2017



State of Vermont
Division of Policy, Planning and Intermodal Development - Mapping Section
1 National Life Drive
Montpelier, VT 05633-5001
<http://vtrans.vermont.gov/>

Agency of Transportation

Telephone: 802-828-2600
Fax: 802-828-2334
Email: johnathan.croft@vermont.gov

December 7, 2017

Guy Charlton, Selectboard Chair
Town of Benson, c/o Town Clerk
PO Box 163
Benson, VT 05731

Dear Mr. Charlton,

In response to a request from the Town of Hubbardton Road Commissioner, I reviewed the mileage of VT-144 in Benson and Hubbardton. Portions of VT-144 consist of Class 2 town highways in Benson and Hubbardton, specifically, CL2 TH-2 in Benson and CL2 TH-1 and CL2 TH-3 in Hubbardton. My review determined the following mileage changes:

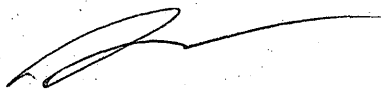
Benson Class 2 TH-2 decreased 0.09 from 4.24 to 4.15
Hubbardton Class 2 TH-1 decreased 0.05 from 0.40 to 0.35
Hubbardton Class 2 TH-3 increased 0.03 from 0.52 to 0.55.

A map of the town highways in question has been included to provide context of the mileage changes.

These changes will be reflected as remeasurements and preloaded on the 2018 Certificate of Highway Mileage for Benson. The Certificate is expected to be mailed to the town in early January and returned to VTrans by February 20.

Please feel free to contact me with any questions or comments regarding these changes, or mapping in general.

Sincerely,

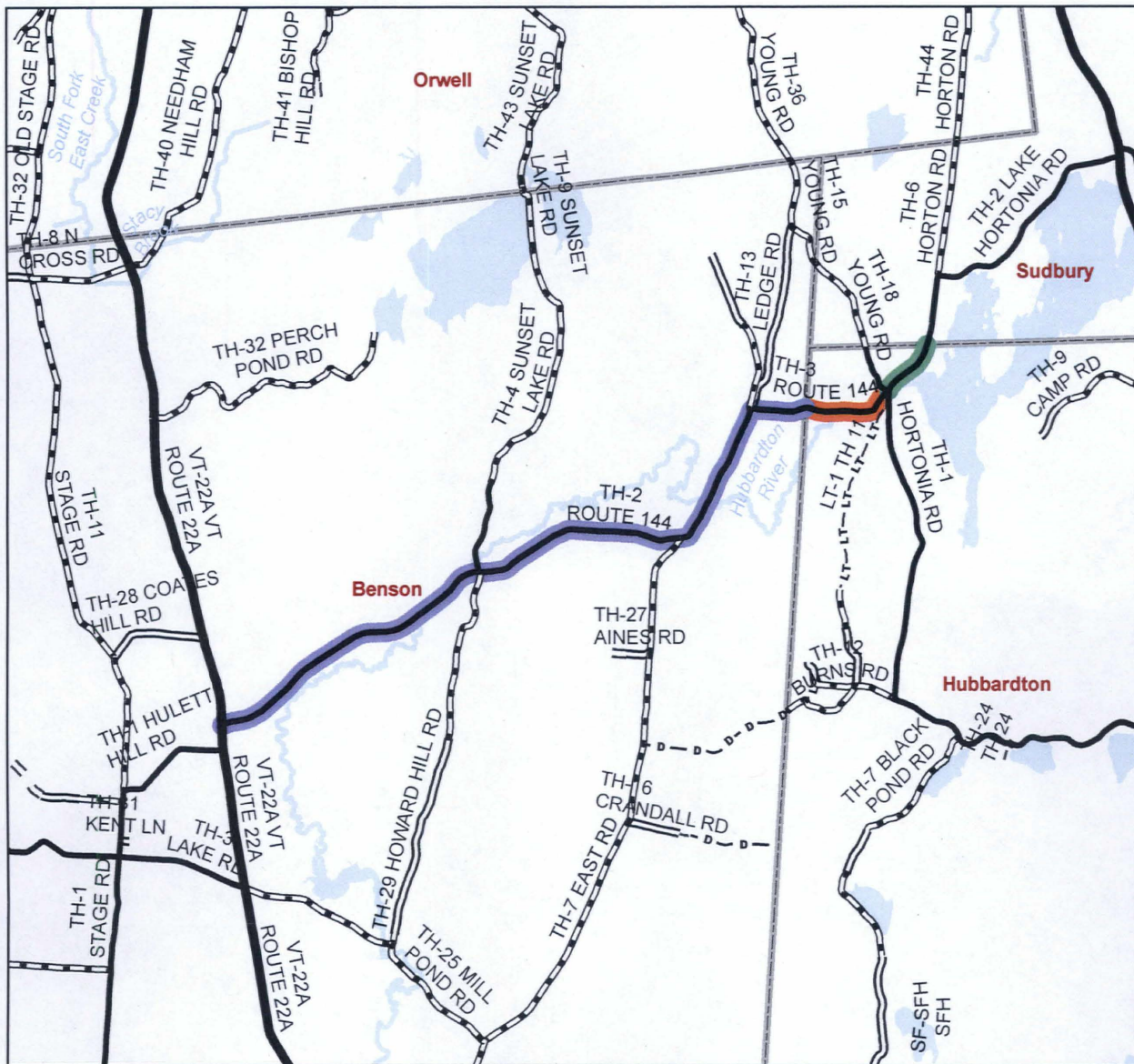


Johnathan Croft
VTrans Mapping Section Chief




JFC/sem

Enclosures

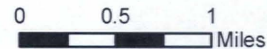
cc: Robert Gibbs, Hubbardton Selectboard Chair
Robert Faley – District Transportation Administrator – District 3
Brian Sanderson – District Project Manager – District 3



Benson-Hubbardton -- 2018 Mileage Change VT-144

	Current Mileage	Remeasured Mileage	Mileage Change
 Benson Class 2 TH-2 (VT-144)	4.24	4.15	-0.09
 Hubbardton Class 2 TH-1 (VT-144)	0.40	0.35	-0.05
 Hubbardton Class 2 TH-3 (VT-144)	0.52	0.55	+0.03

Mapping Section
 Division of Policy, Planning and Intermodal Development
 Vermont Agency of Transportation - September 2017



Moulton, Sara

From: Croft, Johnathan
Sent: Monday, October 02, 2017 8:14 AM
To: hubbardtonrd@gmail.com; clrkhubb@shoreham.net; rgibbbps@shoreham.net; selectboard@benson-vt.com
Cc: Bucossi, Sommer; Sanderson, Brian; Kelly, Joe; Trunzo, Michael; Moulton, Sara; Alley, Kerry; Grimaldi, Kevan; Hermanson, Tyler; Wilcox, Jarod
Subject: FW: VT-144 - Benson-Hubbardton Town Boundary Location and Highway Mileage
Attachments: Benson - Hubbardton Town Line Sign.jpg; Benson - Hubbardton Town Boundary Map.pdf

Good morning all,

VTrans will be working to move the Benson – Hubbardton town line sign shortly. There Traffic Engineer has approved the move, and work order is in process. The sign should be moved to the location noted in the attached map and to the coordinates noted in the below email.

Johnathan

Johnathan Croft | Mapping Section Chief
Vermont Agency of Transportation
1 National Life Dr | Montpelier, VT 05633
802-828-2600 | johnathan.croft@vermont.gov



From: Croft, Johnathan
Sent: Friday, September 22, 2017 3:09 PM
To: 'hubbardtonrd@gmail.com' <hubbardtonrd@gmail.com>; 'clrkhubb@shoreham.net' <clrkhubb@shoreham.net>; 'rgibbbps@shoreham.net' <rgibbbps@shoreham.net>; 'selectboard@benson-vt.com' <selectboard@benson-vt.com>
Cc: Bucossi, Sommer <Sommer.Bucossi@vermont.gov>; Sanderson, Brian <Brian.Sanderson@vermont.gov>; Kelly, Joe <Joe.Kelly@vermont.gov>; Trunzo, Michael <Michael.Trunzo@vermont.gov>; Moulton, Sara <Sara.Moulton@vermont.gov>; Alley, Kerry <Kerry.Alley@vermont.gov>; Grimaldi, Kevan <Kevan.Grimaldi@vermont.gov>; Hermanson, Tyler <Tyler.Hermanson@vermont.gov>
Subject: VT-144 - Benson-Hubbardton Town Boundary Location and Highway Mileage

Good afternoon all,

It has taken a bit of effort to review the information gathered for the Benson – Hubbardton town line assessment, as well as the inventory of the mileage for VT-144. The request to review the intersection of the Benson – Hubbardton town line and VT-144 (class 2 state numbered route) followed the placing of a new town line sign that was located in the wrong place and too far to the east. The Mapping Section at VTrans has gathered several surveys related to the town line, remeasured VT-144 with a distance measuring instrument, and reviewed data and documents available in our office.

The initial approach was to map the Benson – Hubbardton town line using a 1975 survey of the Sudbury – Hubbardton town line, which provides the location of the corner of Benson, Hubbardton and Sudbury and a property survey south of VT-144, which would have then provided guidance to where the line should be. There have been some challenges getting the 1975 survey of the Sudbury and Hubbardton town line to map with other information in the GIS. When it does somewhat fit in one area of the line, matching stonewalls and visible features, other areas of the line are off. When I focus solely on the western section of the boundary, the corner of Benson, Sudbury and Hubbardton ends up being 140 feet west of where we have it mapped now.

For move this process forward and focus on the task at hand, which is identifying the location of the boundary between Benson and Hubbardton where it crosses VT-144, I have used the survey of A. Russell Allan 1998 Trust – A. Russell Allan & Judith G. Allan, 9/21/2001 to get a better assessment of where the boundary is relative to VT-144. Fortunately, this survey matches the GIS and orthophotography data fairly well and the town boundary that we currently have mapped is very close to the boundary on the survey. At this point, we do not intent to alter the town boundary data that we are currently mapping.

With this said, the location of the town line sign on VT-144 is in contradiction to the mapped boundary, thus will need to be moved to the west roughly 200 feet to a spot where a piece of pink flagging was placed when we all met on the site. This location is on a corner in an area of ledge and possibly not the best location for the sign, so this will need to be assessed by the District.

For full determination of the boundary between Benson and Hubbardton, I would recommend a licensed land survey be contacted to resolve any questions that may exist. In the interim, the

The easting and northing of this location is 441,011, 138,450 Vermont State Plane Meters (NAD83), or -73.232345 43.743934 Decimal Degrees, which will provide the ability to navigate to the location. A map of VT-144 and the Benson – Hubbardton town line intersection, based on what we have mapped has been attached. My plan is to use this point as the reference for the moving of the town line sign to that location, barring any objections from either Town, or the District.

One additional outcome of this process is the remeasurement of TH-2 in Benson, and TH-1 and TH-3 in Hubbardton which represent VT-144. From this inventory, there are mileage adjustments that will be necessary on the 2018 Mileage Certificates. The changes are as follows:

Benson

	TH-2	Current mileage	<u>4.24 miles</u>	Remeasured
mileage	<u>4.15 miles</u>	Mileage Change	<u>- 0.09 miles</u>	

Hubbardton

	TH-3	Current mileage	<u>0.52 miles</u>	Remeasured
mileage	<u>0.55 miles</u>	Mileage Change	<u>+ 0.03 miles</u>	

	TH-1	Current mileage	<u>0.40 miles</u>	Remeasured
mileage	<u>0.35 miles</u>	Mileage Change	<u>- 0.05 miles</u>	

Sudbury

TH-2

Current mileage

No change in mileage

More specific details regarding the remeasurement of VT-144 and the recommended mileage changes for the 2018 Mileage Certificates will be prepared and sent to each town prior to the Certificates being sent out in late December or early January. The mileage changes will be the amounts noted above, which more accurately reflects the mileage of the highway sections in each towns and where the town boundary is currently mapped.

I would like to request the District move the Benson – Hubbardton town line sign to the point noted on the attached map and where pink flagging has been located in the field.

Please feel free to contact me with any questions regarding the above information, or mapping in general.

Johnathan

Johnathan Croft | Mapping Section Chief
Vermont Agency of Transportation
1 National Life Dr | Montpelier, VT 05633
802-828-2600 | johnathan.croft@vermont.gov



Moulton, Sara

From: Croft, Johnathan
Sent: Friday, September 22, 2017 3:22 PM
To: Moulton, Sara; Grimaldi, Kevan
Subject: Benson and Hubbardton mileage updates for VT-144
Attachments: Email_To_Benson_Hubbardton_20170922.pdf; Benson_Hubbardton_VT_144_2017_Mileage.xls

Good afternoon Sara and Kevan,

Please add to the mileage updates to TH-2 in Benson, and TH-3 and TH-1 in Hubbardton, based on our remeasurement of VT-144 (class 2 state numbered route) in both towns. There are no changes needed in Sudbury, as the ARCMILES and AOTMILES match fairly well. Attached is the email out to the towns regarding the recommended changes in mileage based on the remeasurement and the location of the town line. I have attached the spreadsheet that I used to assess the mileage and make the updates. I have also copied the VT-144 RDS arcs into RDSMALL_PENDING and made the necessary mileage updates.

If you can work to prepare mileage change documents for Benson and Hubbardton to be provide in advance of the Mileage Certificates, this will give them an understanding of what the mark-ups on the Mileage Certificates will relate to and give them time to digest the changes.

More files related to the boundary and mileage can be found in the following directory:

V:\Projects\Shared\Mapping\HighwayMappingSystem\HMS_Geodatabases\TB_Boundaries\Benson_Hubbardton_TownLine

Thanks,

Johnathan

Johnathan Croft | Mapping Section Chief
Vermont Agency of Transportation
1 National Life Dr | Montpelier, VT 05633
802-828-2600 | johnathan.croft@vermont.gov



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Cc: Bucossi, Sommer; Sanderson, Brian; Kelly, Joe; Trunzo, Michael; Moulton, Sara; Alley, Kerry; Grimaldi, Kevan; Hermanson, Tyler
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Benson

mileage	TH-2 <u>4.15 miles</u>	Current mileage	<u>4.24 miles</u>	Remeasured
		Mileage Change	<u>- 0.09 miles</u>	

Hubbardton

mileage	TH-3 <u>0.55 miles</u>	Current mileage	<u>0.52 miles</u>	Remeasured
		Mileage Change	<u>+ 0.03 miles</u>	

mileage	TH-1 <u>0.35 miles</u>	Current mileage	<u>0.40 miles</u>	Remeasured
		Mileage Change	<u>- 0.05 miles</u>	

Sudbury

TH-2	Current mileage	No change in mileage
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Johnathan

Johnathan Croft | Mapping Section Chief
 Vermont Agency of Transportation
 1 National Life Dr | Montpelier, VT 05633
 802-828-2600 | johnathan.croft@vermont.gov



Moulton, Sara

From: Croft, Johnathan
Sent: Thursday, June 01, 2017 11:36 AM
To: Moulton, Sara; Grimaldi, Kevan
Cc: Trunzo, Michael; Alley, Kerry; Sanderson, Brian; Sanderson, Brian

Good morning Sara and Kevan,

I received a call from Janet Morey, Road Commissioner in Hubbardton regarding a town boundary issue on VT-144 between Benson and Hubbardton. She is concerned that the mileage of the class 2 town highway is wrong and that they don't have enough mileage in Hubbardton and there is too much in Benson. Based on a quick review of the RDS and AOTMILES vs. ARCMILES, she might be on to something. The town boundary seems to match the parcel data fairly well and might be in a reasonable location in our data. She stated the town boundary sign is in the wrong place, so this will need to be evaluated with some field work.

I recommended that she contact the Town of Benson and work to agree on the location of the town boundary and we would provide information that we had from our files and data. I also mentioned the statewide parcel mapping project which could be a means of working through boundary issues and working toward a seamless parcel data layer between towns.

There are 3 issues that need to be addressed:

- 1.) Having the towns define the location of the boundary and where VT-144 crosses
- 2.) Relocate the town line sign to this location (done by the towns, not VTrans)
- 3.) Remeasure the class 2 town highways in Benson and Hubbardton to insure accurate length of AOTMILES in both towns and update the Mileage Certificate as necessary

This is what I see as a means to aid the towns in resolving this issue on this highway segment. I will need your assistance moving this forward, as well as Michael's assistance in field inventory once the boundary has been established.

Johnathan

Johnathan Croft | Mapping Section Chief
Vermont Agency of Transportation
1 National Life Dr | Montpelier, VT 05633
802-828-2600 | johnathan.croft@vermont.gov





Intersection of VT-144 and
Benson - Hubbardton Town Line
(as mapped)

Approximate location
of town line sign

BENSON

HUBBARDTON

TH-2

TH-3





2017

One additional outcome of this process is the remeasurement of TH-2 in Benson, and TH-1 and TH-3 in Hubbardton which represent VT-144. From this inventory, there are mileage adjustments that will be necessary on the 2018 Mileage Certificates. The changes are as follows:

Benson

TH-2	Current mileage	<u>4.24 miles</u>	Remeasured mileage	<u>4.15 miles</u>	Mileage Change	<u>- 0.09 miles</u>
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Hubbardton

TH-3	Current mileage	<u>0.52 miles</u>	Remeasured mileage	<u>0.55 miles</u>	Mileage Change	<u>+ 0.03 miles</u>
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TH-1	Current mileage	<u>0.40 miles</u>	Remeasured mileage	<u>0.35 miles</u>	Mileage Change	<u>- 0.05 miles</u>
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Sudbury

TH-2	Current mileage		No change in mileage			
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