

High Risk Rural Roads

Intersection of TH # 1 Old Hollow and TH # 7 Mt Philo Rd
Town of Ferrisburgh

Location

This site visit primarily involved the review of the Intersection of TH # 1 Old Hollow Rd and TH # 7 Mt Philo Rd in the Town of Ferrisburgh.

Highway	TH # 1 Old Hollow Rd	TH # 7 Mt Philo Rd
AADT	2000	1200
DHV	280	170
Posted Speed Limit	35 MPH	35 MPH
Class of Road	Class 7	Class 8

Purpose of the Site Visit

This site visit was conducted as part of the Agency of Transportation's Transportation Planning Initiative in conjunction with the High Risk Rural Roads Program (HRRR). The Addison County regional Planning Commission (ACRPC) selected the location pursuant to the prioritization process established by ACRPC with the intent of identifying hazardous location on rural local roads

Meeting Attendees

The site visit included the following representatives from the Vermont Agency of Transportation (VTrans).

Dan Newhall	Traffic Design & Safety (VAOT)
Loretta Lawrence,	Chair, Select board, Town of Ferrisburgh
John Bull,	Road Foreman, Town of Ferrisburgh
Bob Blanchard,	Neighbor, and Lives on the corner of the Intersection
Richard Kehne,	ACRPC

Commencement Meeting

The meeting was held at the Intersection of Old Hollow Rd and Mt Philo Rd on Wednesday July 21, 2010 at approximately 1:00 pm. Following introductions, Dan Newhall described the HRRR program, reviewed the key steps in conducting the site visit, and explained what the expectations of the day's site visit.

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After the overview, the Town Representatives provided the following information for the site review.

- The Town Representatives provided the following concerns:
 - Replace the existing guardrail protecting a house that is across from Mt Philo Rd
 - The vehicles are not stopping as they enter Old Hollow Rd from Mt Philo Rd.
 - The Town is asking for a Flashing Beacon for the intersection.
 - The intersection and STOP signs have limited sight distance due to tree branches and brush.
 - Upgrade the signage at the intersection particularly advance warning for the intersection on all approaches.
 - Replace pavement markings, including stop ahead and stop stencils, edge lines, and centerline markings.

- Accident Date from 2005-2009 indicated there were ten crashes at or adjacent to the intersection with Mt Philo Rd and the majority are vehicles failing to keep in proper lane or running off road and driving too fast for conditions. Five were non-incapacitating injuries, two were incapacitating injuries and three were property damage only.

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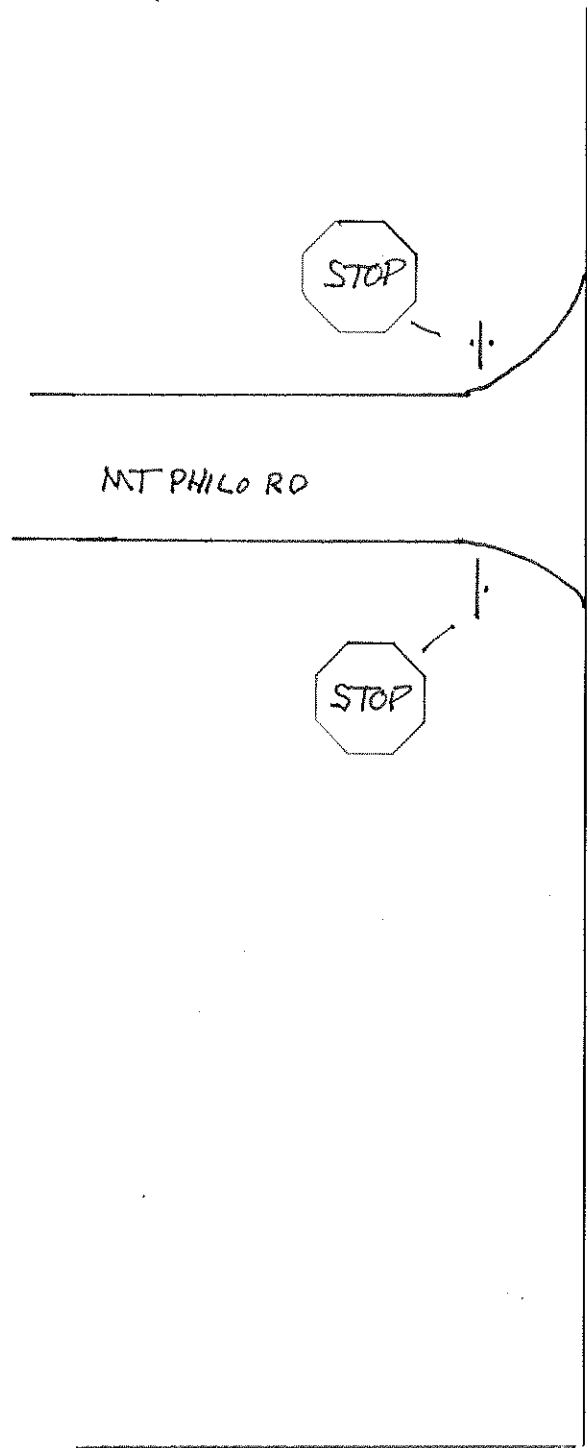
Instructions

The next section of this report contains a table that displays observations, and guidance determined from the Traffic Safety Section's site review. The first column indicated the location where the concern is located. The second column identifies the concerns and observations recorded during the safety review of the site. For each observation, the review team suggests the guidance listed in the column titled "strategy" as a possible remedial solution. Note that these concerns listed in no particular order of importance. Each strategy that eligible for funding through the High Risk Rural Road Program is identified with an X in its appropriate column. The next three columns are for the town to indicate if you agree with the recommended measures or not. Please support your decision by writing a reason in the comments column. The town is not obliged to follow the findings of the HRRR report. However, the reasons for not implementing a finding are to be documented (e.g. physical constraints, environmental constraints, etc.). A written response should be submitted to the audit coordinator as soon as possible.

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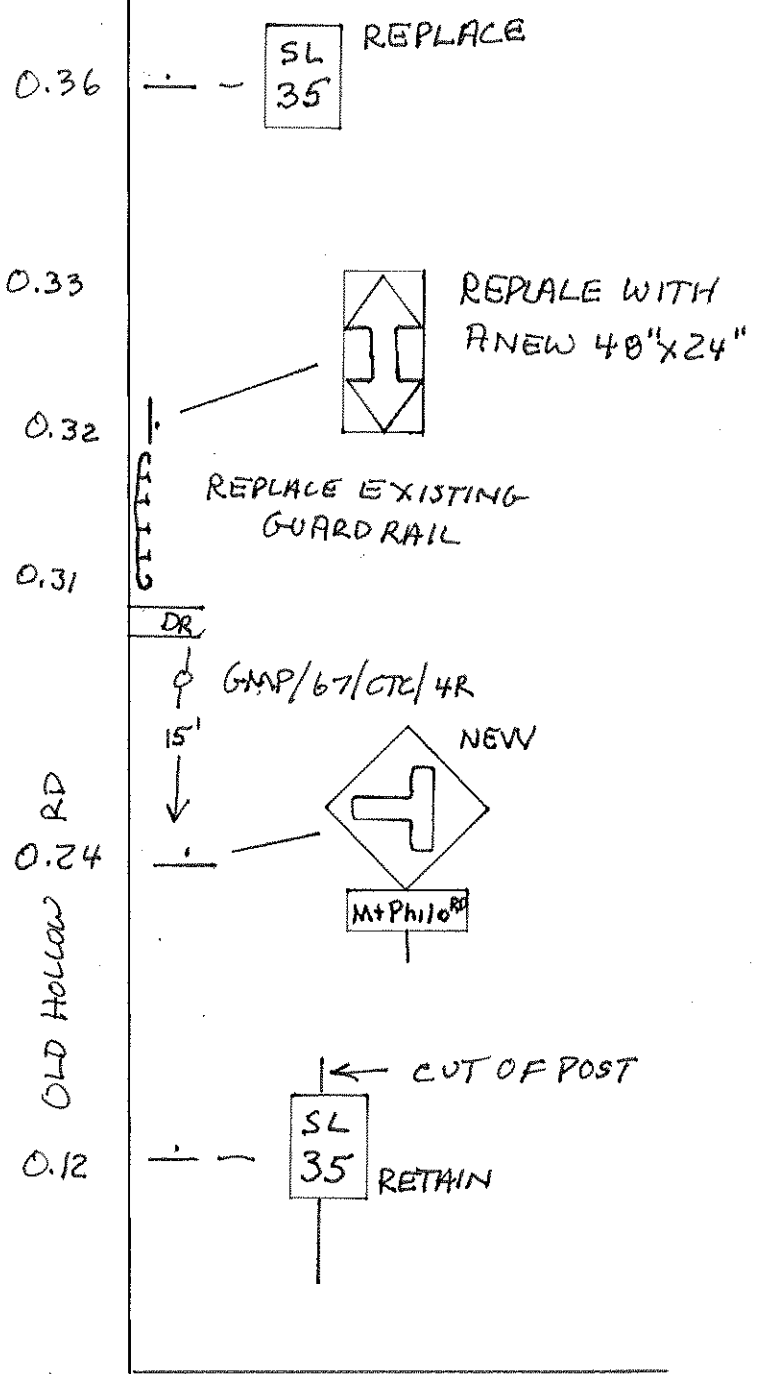
Written Response for the Town of Ferrisburgh						
Location mm	Concerns	Strategies	Eligible for Program Funding	Agree	Reject	Comments
Old Hollow Rd and Mt Philo Rd						
EB MP 0.31~0.32	The existing guardrail on the south side of Old Hollow Rd is protecting a house that is across from Mt Philo Rd and is in poor condition.	Replace the existing guardrail and extend it 25' west.	Yes			
WB MP 0.32	The vehicles are not stopping as they enter Old Hollow Rd from Mt Philo Rd.	At this time, there are no pavement markings for the stopping condition. Replace pavement markings, including stop ahead, stop stencils and centerline markings on the approach to Old Hollow Rd.	Yes			
MP 0.32	The Town is asking for a Flashing Beacon for the intersection.	In place of a Beacon VTrans will install Optical Speed Bars prior to the stop condition as discussed at the site visit.	Yes			
WB MP 0.31~0.34	The intersection and STOP signs have limited sight distance due to tree branches and brush.	The Town should remove all trees and bushes that interfere with the stopping sight distance at this intersection.	No			
Varies	Advance warning signs for Mt Philo Rd. will increase awareness of the intersection with Old Hollow Rd.	Upgrade the signage at the intersection particularly the advance warning for the intersection on all approaches.	Yes			



MT PHILO RD



← US-7 NORTH



0.36

SL
35

REPLACE

0.33



REPLACE WITH
A NEW 48" X 24"

0.32

REPLACE EXISTING
GUARD RAIL

0.31

VERTICAL
CURVE

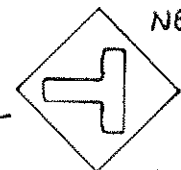
DR



GMP/67/CTC/4R

15'

0.24



NEW

Mt Philo Rd

OLD HOLLOW
RD

0.12

SL
35

RETAIN

← CUT OF POST

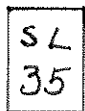
↑
0.00

US-7 SOUTH →

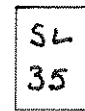
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REPLACE

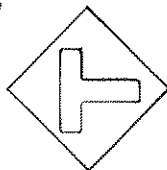


0.573



REPLACE

NEW



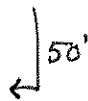
Mt Philo Rd



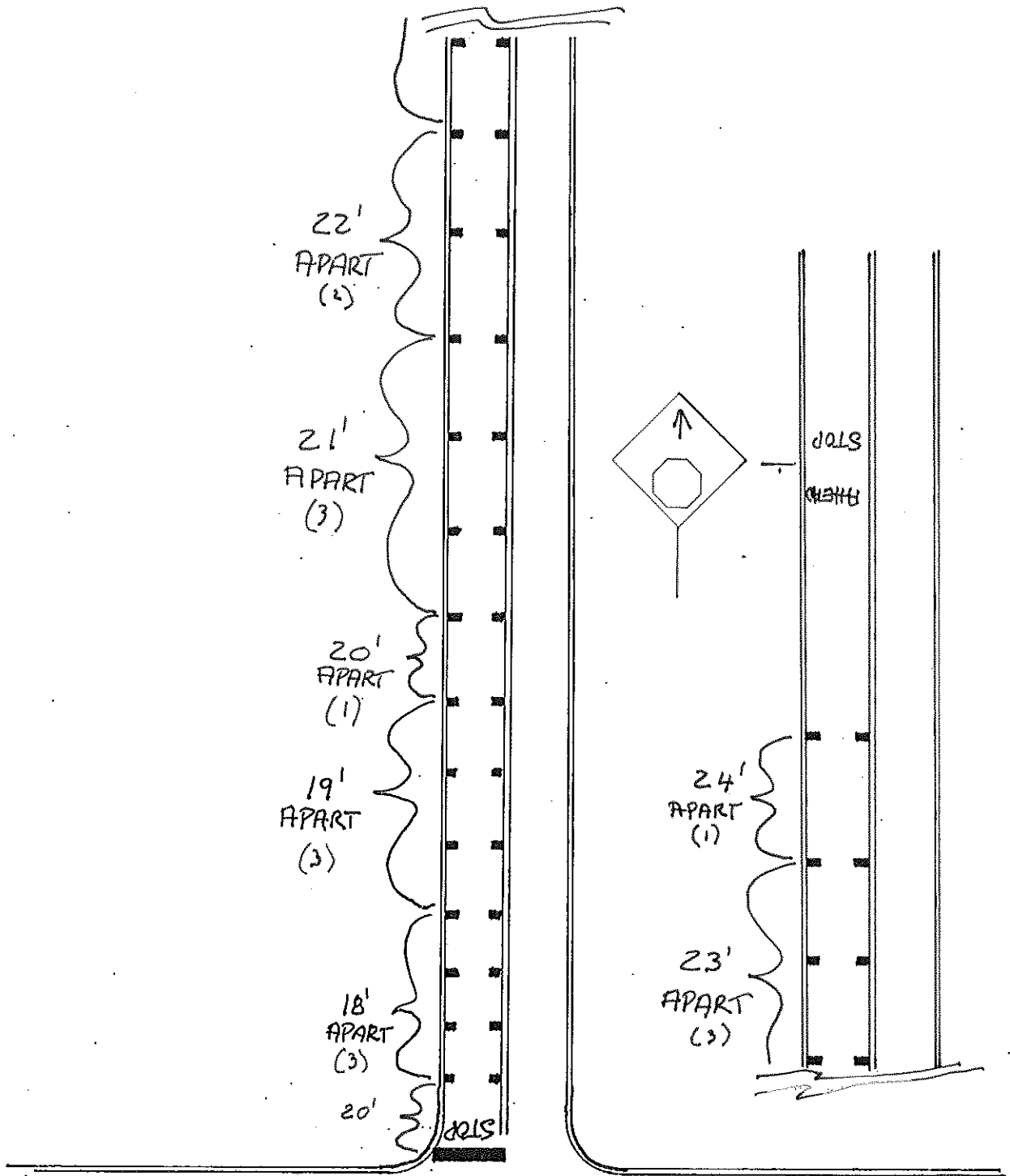
0.392

0.402

φ GMP/72/CTC/47



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SPEED REDUCTION MARKINGS
SHEET

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