

ADDISON COUNTY SHERIFF'S DEPARTMENT

Report on Traffic Engineering Studies for Establishing a Local Speed Limit

Town/Village New Haven **County** Addison **Population** _____

Road Name River Road **Present Speed** 50 MPH

Number of Lanes 2 **Traffic Volume** Average 1800 **Peak** 400

Road Characteristics This road follows a river bed resulting in a series of sharp curves. There are no shoulders. The road is joined by several side roads resulting in two dangerous intersections. There are several narrow sections and one extremely narrow bridge.

Parking Several pull off areas but no formal parking

Roadside Conditions Farm land and brush that extend right to the roadway.

Side Roads Number 7 **Stop Signs** 5 **Warnings** 2


General Remarks on Traffic The road has high use, experiences frequent accidents, and mixes agricultural and residential uses

Recommendation

Even though there is a .6 mile section of straight roadway, the remainder of this 4.7 mile road contains so many curves, narrow sections, and dangerous intersections, that 40 MPH is an appropriate safe speed.

Investigation and Report by Sgt. Ellwood

Date 12 / 03

Approved by 

Date 12 / 03

Vermont Agency Of Transportation
Spot Speed Survey Field Data Sheet

Study No. NH 1	Setup M.P.
Date NOV 19 2003	Day WED
Location NEW HAVEN	
Route No. RIVER	
Posted Speed Limit 50	

From M.P. EAST	To M.P. HALPIN
Weather Good	
Survey Hours 1200-1400	
Observer EILWOOD	
Passing Zones (Begin/End)	

Describe Setup Location

MPH	CARS		MPH	TRUCKS AND BUSES	
	EB	SB WB		NB EB	SB WB
70&OVER			70&OVER		
69			69		
68			68		
67			67		
66			66		
65			65		
64			64		
63			63		
62			62		
61			61		
60			60		
59			59		
58			58		
57			57		
56			56		
55			55		
54			54		
53			53		
52	X		52		
51			51		
50	XX		50		
49			49		
48	X		48		
47	XXXXXX		47		
46	X		46		
45	XXXXXX		45		
44	XXX		44		
43	XXXXXX		43		
42	XXXXXX		42		
41	XXXXXXXXXXXXXXXXXXXX		41		
40	XXXXXX		40		
39	XXXXXXXXXX		39		
38	XXXXXXXXXX		38		
37	XXX		37		
36	XXXXXX		36		
35			35		
34	X		34		
33	X		33		
32	XX		32		
31	XX		31		
30			30		
29			29		
28			28		
27			27		
26			26		
25			25		
24			24		
23			23		
22			22		
21&UNDER			21&UNDER		
Totals					

STATE OF VERMONT, AGENCY OF TRANSPORTATION

SUMMARY OF A SPOT SPEED SURVEY
(Use One Sheet for Each Spot Speed Survey)

Date NOV 9 2003 Page _____

Setup No. _____ Setup M.P. _____ Setup Area: From _____ Thru _____

Town NEW HAVEN County ADDISON Route No. RIVER

Present Speed Limit _____ ADT _____ Year ADT _____ DHV _____

General Remarks on Traffic (only for the Area Covered by this Spot Speed Survey)

OBSERVED MULTIPLE LOCATIONS

	Cars, Vans and Light Trucks	Large Trucks and Buses	All Vehicles
Median Speed	41 MPH	/	41 MPH
85th Percentile Speed	44 MPH	/	44 MPH
Modal Speed	41 MPH	/	41 MPH
10-Mile Pace	36-46	/	
Percent in 10-Mile Pace	89	/	89%
Speed Limit Range (use all vehicles column)			

MPH	Cars, Vans and Light Trucks	Accum. Pct.	Large Trucks and Buses	Accum. Pct.	All Vehicles	Accum. Pct.
Over 60					0	0%
56-60					0	0%
51-55					1	100%
46-50					8	89%
41-45					44	44%
36-40					41	41%
31-35					6	6%
26-30					0	0%
Under 26						
Totals					100	100

Summary done by Ellwood