

Southern Windsor County
Regional Planning Commission

ANNUAL TRAFFIC COUNT PROGRAM:
2008 SUMMARY

June 2009

Southern Windsor County Regional Planning Commission
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Southern Windsor County Annual Traffic Count Program 2008 Summary

Introduction

The Southern Windsor County Regional Planning Commission (the “RPC”) monitors traffic at 19 locations throughout the southern Windsor County region (the “Region”). Traffic is monitored through the use of automatic traffic counters, which track three types of traffic related data:

- Traffic volume (number of vehicle trips at a specified location);
- Vehicle classification (passenger car, pick-up truck, tractor trailer, etc.); and,
- Approximate speed of the vehicles.

The RPC collects and analyzes the traffic data as part of their annual transportation program. This information is valuable in understanding traffic flow trends over time and to support the decision-making process related to road maintenance and project development.

The goals of the annual traffic count program are as follows:

- Provide better data to support the Regional Transportation Plan and planning process;
- Address local concerns with traffic on the Region’s roadways;
- Compiling accurate traffic data annually on a long-term basis to help guide future improvements of the southern Windsor County transportation network; and,
- Accurate traffic data for the Region will facilitate more constructive conversation of traffic in general.



Vicinity Map – Southern Windsor County RPC

The Vermont Agency of Transportation (VTrans) has a large, Statewide traffic count program. VTrans counters are typically placed out at each location once every three or four years. The RPC traffic count program is intended to supplement VTrans’ traffic data in this Region. The RPC also performs traffic counts at the request of towns on a limited first-come, first-served basis. Please contact the transportation planner for more information.

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2008 Traffic Counts

Traffic counts are regularly performed at 19 locations throughout the Region. (Please see the attached Regional Traffic Count Program Map showing the regional transportation network and traffic count locations, which correspond to the locations listed below.)

Station #	Town	Route/Road	Location
1	LUDLOW	VT 103	100' NORTH OF WEST HILL ROAD (TH 362)
2	CAVENDISH	VT 131	50' WEST OF POWER PLANT ROAD (TH68)
3	READING	VT 106	500' SOUTH OF FELCHVILLE SCHOOL ENTRANCE
4	CHESTER	VT 11	100' WEST OF LACROSS ROAD (SPRI TH 15)
5	SPRINGFIELD	VT 106	400' SOUTH OF VT 10
6	CHESTER	VT 10	1000' WEST OF NORTH MAIN STREET (NO. SPRI. TH 6)
7	CAVENDISH	VT 103	1000' SOUTH OF RT 131
8	LUDLOW	VT 100	1000' NORTH OF VT 103
9	LUDLOW	HIGH ST	100' WEST OF GILL TERRACE (TH 312)
10	LUDLOW	DUG RD	50' WEST OF PROSPECT STREET
11	WEATHERSFIELD	US 5	500' SOUTH OF WILGUS STATE PARK ENTRANCE
12	READING	TYSON RD	50' WEST OF PUCKERBRUSH ROAD (TH 48)
13	WEST WINDSOR	BROWNSVILLE-HARTLAND RD (TH 1)	0.6 MILES NORTH OF VT 44
14	WEATHERSFIELD	CENTER RD (TH 1)	50' SOUTH OF JEFFEREY LANE (TH 98)
15	CAVENDISH	DEPOT ST (TH 1)	200' SOUTH OF GM RAILROAD
16	WINDSOR	US 5	100' NORTH OF CEDAR HILL DR
17	WEATHERSFIELD	VT 106	50' NORTH OF HIGH STREET (BY PERKINSVILLE GREEN)
18	CAVENDISH	TWENTY MILE STREAM RD TH 3)	0.5 MILE NORTH OF VT 131
19	SPRINGFIELD	RESERVOIR RD (TH 9)	AT WEATHERFIELD/SPRINGFIELD TOWN LINE

Between 1999 and 2007, traffic count data were collected annually, with a few exceptions. Recently, VTTrans contracted with the RPC to collect traffic count data on town highways. As a result, the RPC's annual traffic count program is transitioning. These 19 traffic count locations will be collected at intervals of every two years on state highways, and every six years on town highways.

Each location is typically surveyed for one week, avoiding periods of irregular traffic flows, such as July 4th or Labor Day weekend. These data are presented in terms of Average Daily Traffic, Average Weekday Traffic and Annual Average Daily Traffic. Data are also summarized in this report including vehicle classification as a percentage of the total traffic volume and vehicle speed. The terms and abbreviations used in this report are defined on page 5.

2008 Traffic Count Summary

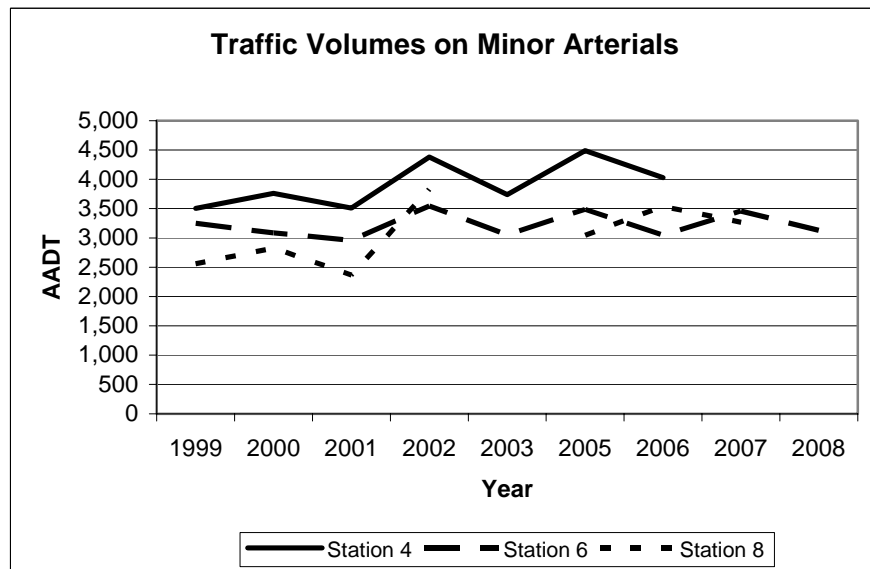
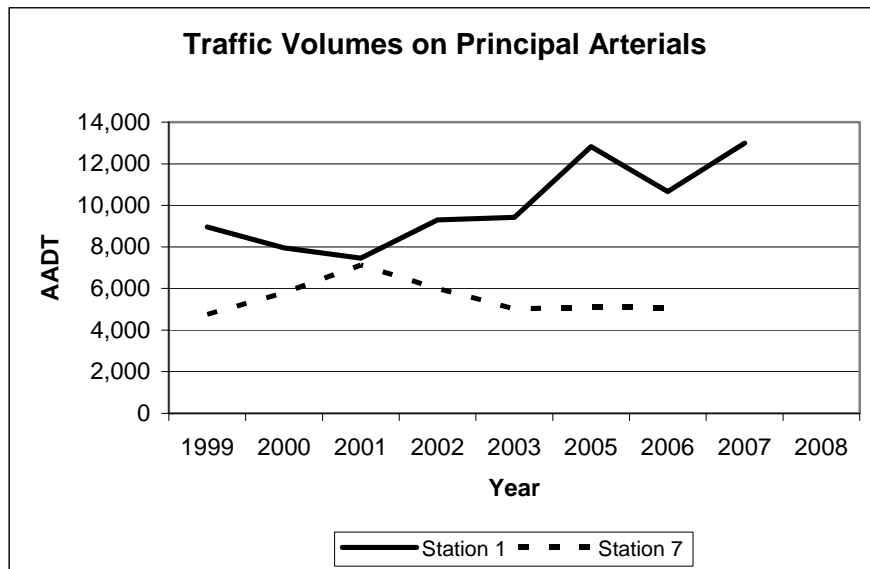
This section contains a summary of the annual traffic count data, including AADT since the program began in 1999. (Traffic counts were not conducted in 2004.) More detailed summaries of each 2008 count location are included in this report. For those locations not conducted last year, 2007 data summaries are provided. Raw data are available by request through the transportation planner.

The following tables show traffic volumes by year at each location (by Station Number). The tables are organized by the functional classification of each roadway:

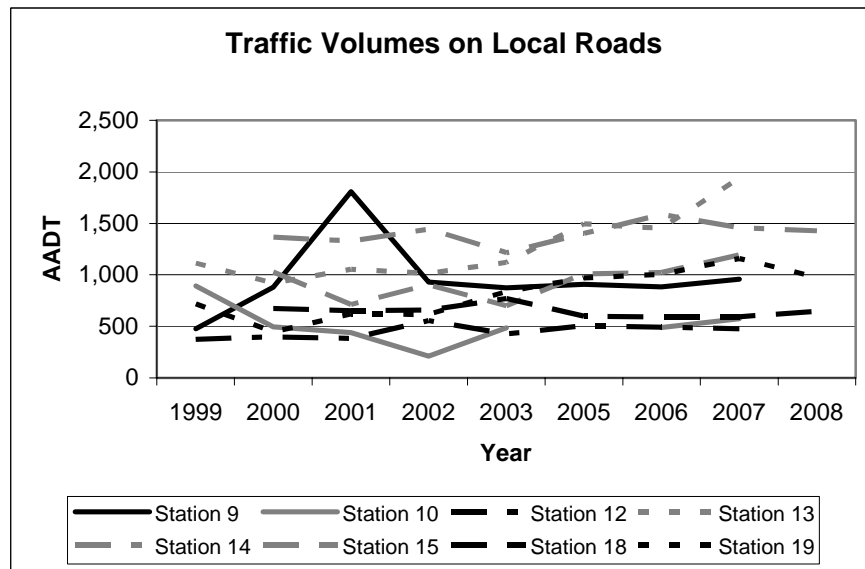
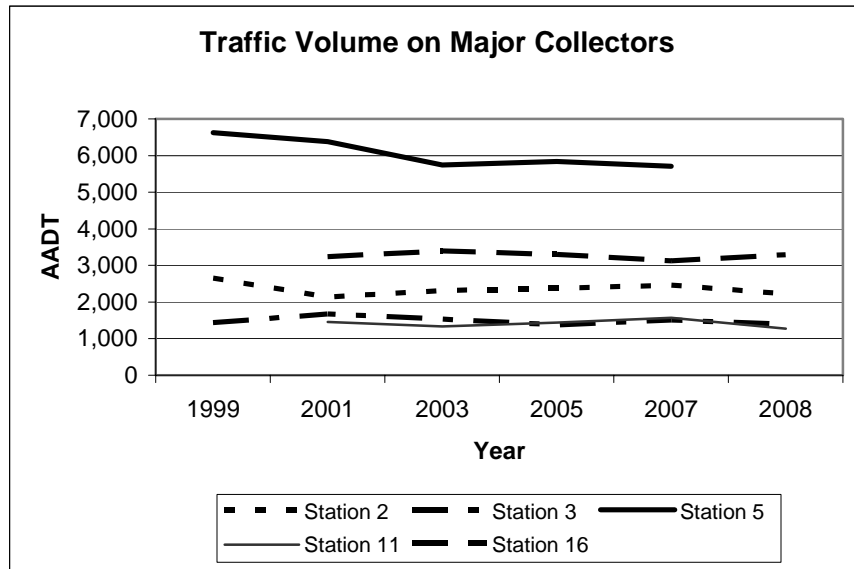
- **Principal Arterial** – Principal Arterial roads are designed to carry large volumes of traffic for long distances, and include I-91 and VT Route 103 in this Region. They are usually characterized by controlled access, channelized intersections and restricted parking, and link Minor Arterials.

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- **Minor Arterial** – Minor Arterial roads usually have signals or stop signs at intersection with side streets, and function primarily to distribute traffic to and from collector streets. Minor arterials include VT Routes 10, 11 and 100 in this Region.
- **Major Collector** – Collector roads channel traffic from lesser traveled roads to the arterial system. Major collectors generally serve traffic between towns and communities, and include US Route 5 and VT Routes 106 and 131.
- **Local Roads** – Local roads primarily provide access to adjacent lands, and generally have limited through traffic. Local roads surveyed in this program are typically Class 2 town highways which serve as important links between communities.



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Understanding Traffic Terminology

AADT - Annual Average Daily Traffic is the term used to show the average traffic volume in both directions on a section of road, adjusted for seasonal variation. VTrans recommended methodology and adjustment factors have been used to determine the AADT at each location.

ADT – Average Daily Traffic is the unadjusted, average number of vehicles passing in both directions at a specified location of a roadway.

Average Weekday Traffic – Average Weekday Traffic is similar to ADT, however, excludes weekend traffic volumes.

Average Weekend Traffic – Average Weekend Traffic is the unadjusted, average number of vehicles on weekend days only.

Direction of Travel – Some data are summarized based on the generalized direction of travel on a roadway: northbound (NB), southbound (SB), eastbound (EB) or westbound (WB).

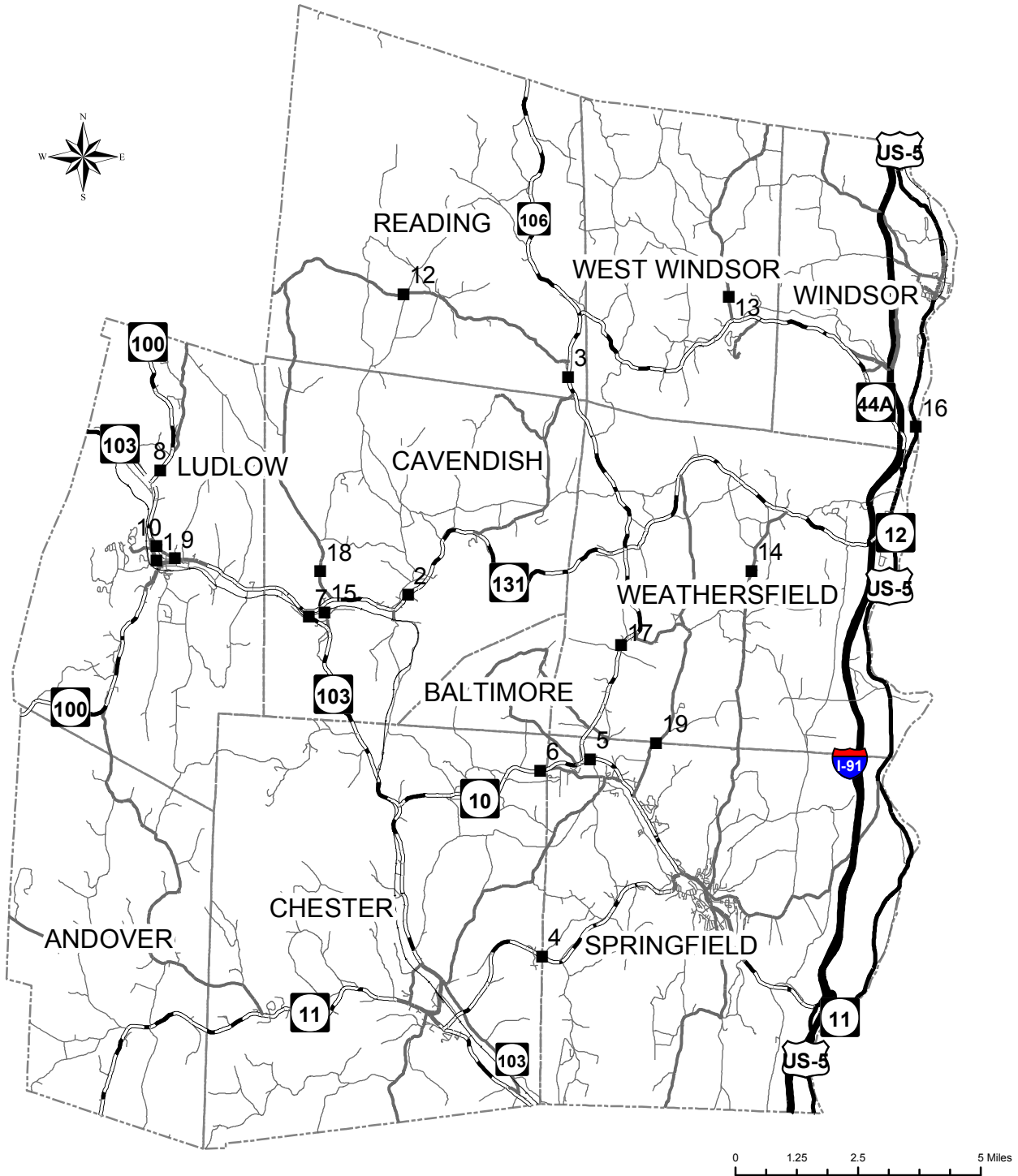
Vehicle Classification – The type of vehicle is based on the Federal Highway Administration’s (FHWA) 13 separate classes of vehicles. For the purposes of this report, vehicle class is summarized into three groups:

- **Passenger Vehicles** - Passenger vehicle class includes motorcycles, passenger cars, pickup trucks and SUVs (FHWA Classes 1-3)
- **Single-Unit Trucks** - Single-unit truck class includes school buses, 2-axle, 3-axle and 4-axle single-unit trucks (FHWA Classes 4-7; also called medium-duty trucks or “mediums”)
- **Tractor Trailer Trucks** - Tractor-trailer truck class includes heavy-duty vehicles with four or more axles; a semi-tractor pulling a trailer(s), i.e. a “semi” or “18-wheeler” (FHWA Classes 8-13 or “heavies”)

Vehicle Speed – Vehicular speed of travel is measured in miles per hour (mph), and for the purpose of this report is described in three ways:

- **Median Speed** – Statistical measurement based on the 50th percentile vehicle speed at the specified location. One-half of the vehicles in the sample travel faster, and one-half travel slower than the median speed.
- **Average Speed** – Average or mean travel speed of all vehicles at a specified location.
- **85th Percentile Speed** – The speed below which 85 percent of motorists travel at a specified location. The 85th percentile speed is typically used by transportation engineers as the basis for setting the posted speed limit, although other factors should also be considered.

Southern Windsor County Region Annual Traffic Count Program - Count Locations



Legend

- railroad
- - - Town Boundary
- Roads**
- Class I TH
- Class II TH
- Class III TH
- Class IV TH
- Vermont State Highway
- US Highway
- Interstate

DATA SOURCES: Vermont Center for Geographic Information (VCGI), Southern Windsor County Regional Planning Commission (SWCRPC), Vermont Agency of Natural Resources (VTANR), and Vermont Land Trust
 ROADS: VCGI; VT Enhanced 911 Board. 1:5,000 orthophotos, GPS, & other. Last update: November, 2003.
 SURFACE WATER: VCGI; VT Hydrography Dataset. 1:5000 orthophotos. Last update: November, 2003.
 TOWN BOUNDARIES: VCGI. Extracted from BNDHASH. Last update: June, 2003.
 VILLAGES: United States Geologic Service. USGS Quads 7.5 Minute, 1:24,000 topographic maps.

All Data and Relationships depicted in this map are intended for planning purposes only. SWCRPC and VCGI make no representation of any kind, including but not limited to the warranties of merchantability or fitness for a particular use, nor are any such warranties implied with respect to this data.

Map created August 2005;
 Updated June 2009
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**Southern Windsor County Regional Planning Commission
Annual Regional Traffic Count Program**

Station #	Town	Route/Road	Location	Annual Average Daily Traffic (AADT)					
				1999	2001	2003	2005	2007	2008
1	LUDLOW	VT 103	100' NORTH OF WEST HILL ROAD (TH 362)	8,966	7,459	9,423	12,822	12,995	
2	CAVENDISH	VT 131	50' WEST OF POWER PLANT ROAD (TH68)	2,654	2,137	2,316	2,373	2,465	2,227
3	READING	VT 106	500' SOUTH OF FELCHVILLE SCHOOL ENTRANCE	1,439	1,673	1,532	1,382	1,508	1,395
4	CHESTER	VT 11	100' WEST OF LACROSS ROAD (SPRI TH 15)	3,507	3,513	3,737	4,490		
5	SPRINGFIELD	VT 106	400' SOUTH OF VT 10	6,621	6,379	5,739	5,835	5,711	
6	CHESTER	VT 10	1000' WEST OF NORTH MAIN STREET (NO. SPRI. TH 6)	3,249	2,962	3,054	3,486	3,458	3,128
7	CAVENDISH	VT 103	1000' SOUTH OF RT 131	4,743	7,120	5,020	5,109		5,129
8	LUDLOW	VT 100	1000' NORTH OF VT 103	2,558	2,365		3,046	3,269	
9	LUDLOW	HIGH ST	100' WEST OF GILL TERRACE (TH 312)	476	1,809	876	909	958	
10	LUDLOW	DUG RD	50' WEST OF PROSPECT STREET	892	439	485		575	
11	WEATHERSFIELD	US 5	500' SOUTH OF WILGUS STATE PARK ENTRANCE		1,460	1,334	1,442	1,572	1,274
12	READING	TYSON RD	50' WEST OF PUCKERBRUSH ROAD (TH 48)	373	384	425	507	477	
13	WEST WINDSOR	BROWNSVILLE-HARTLAND RD (TH 1)	0.6 MILES NORTH OF VT 44	1,111	1,054	1,121	1,495	1,938	
14	WEATHERSFIELD	CENTER RD (TH 1)	50' SOUTH OF JEFFREY LANE (TH 98)		1,328	1,213	1,403	1,459	1,427
15	CAVENDISH	DEPOT ST (TH 1)	200' SOUTH OF GM RAILROAD		712	699	1,010	1,192	
16	WINDSOR	US 5	100' NORTH OF CEDAR HILL DR		3,234	3,397	3,300	3,129	3,293
17	WEATHERSFIELD	VT 106	50' NORTH OF HIGH STREET (BY PERKINSVILLE GREEN)		3,051	2,825	2,567	2,977	2,988
18	CAVENDISH	TWENTY MILE STREAM RD TH 3)	0.5 MILE NORTH OF VT 131		652	768	600	592	647
19	SPRINGFIELD	RESERVOIR RD (TH 9)	AT WEATHERFIELD/SPRINGFIELD TOWN LINE	718	621	836	971	1,158	974

**Southern Windsor County Regional Planning Commission
2007 Traffic Count Summary**

Station # 1

Time Period: 10/17/2007 through 10/21/2007
 Count ID: LUD001CLS/SPD
 Town: Ludlow, VT
 Road: VT 103
 Location: 100' north of West Hill Road (TH 362)

Average Daily Traffic Summary	
Average Weekday Traffic	8,740.0
Average Weekend Traffic	8,122.5
Average Daily Traffic	8,493.0
Annual Average Daily Traffic	12,995

Day	Date	Vehicle Volumes			Vehicle Class			Total
		NB	SB	Total	Passenger Vehicles	Single-Unit Trucks	Tractor-Trailer Trucks	
W	10/17/2007	3,983	4,500	8,483				
R	10/18/2007	3,927	4,508	8,435				
F	10/19/2007	4,729	4,573	9,302				
S	10/20/2007	4,128	4,388	8,516				
S	10/21/2007	3,368	4,361	7,729				
TOTAL		20,135	22,330	42,465				
AVERAGE DAILY		4,027	4,466	8,493	85.9%	6.1%	8.0%	100.0%

Posted Speed Limit: 30 mph

Vehicle Speeds (mph) Northbound (toward Okemo)		
Median	Average	85th Percentile
30	31	35

Vehicle Speeds (mph) Southbound (into Ludlow Village)		
Median	Average	85th Percentile
30	31	35

NOTES:

Passenger vehicle class includes motorcycles, passenger cars, pickup trucks and SUVs (FHWA Veh. Classes 1-3)
 Single-unit truck class includes school buses, 2-axle, 3-axle and 4-axle trucks (FHWA 4-7)
 Tractor-trailer truck class includes heavy-duty vehicles with more than four axles (FHWA 8-13)
 VTrans adjustment factors were used to calculate AADT (2007 Continuous Traffic Counter Grouping Study and Regression Analysis, VTrans 2008)
 Traffic count not performed in 2008

**Southern Windsor County Regional Planning Commission
2008 Traffic Count Summary**

Station # 2

Time Period: 11/8/2008 through 11/16/2008
 Count ID: CAV002CLS/SPD
 Town: Cavendish, VT
 Road: VT 131
 Location: 50' West of Power Plant Road (TH68)

Average Daily Traffic Summary	
Average Weekday Traffic	2,143.8
Average Weekend Traffic	1,834.0
Average Daily Traffic	2,006.1
Annual Average Daily Traffic	2,227

Day	Date	Vehicle Volumes			Vehicle Class			
		WB	EB	Total	Passenger Vehicles	Single-Unit Trucks	Tractor-Trailer Trucks	Total
S	11/8/2008	1,104	1,069	2,173				
S	11/9/2008	840	840	1,680				
M	11/10/2008	990	956	1,946				
T	11/11/2008	1,124	1,112	2,236				
W	11/12/2008	1,101	1,115	2,216				
R	11/13/2008	1,061	1,022	2,083				
F	11/14/2008	1,127	1,111	2,238				
S	11/15/2008	916	878	1,794				
S	11/16/2008	834	855	1,689				
TOTAL		9,097	8,958	18,055				
AVERAGE DAILY		1,011	995	2,006	85.4%	11.4%	3.1%	100.0%

Posted Speed Limit: 50 mph*

Vehicle Speeds (mph) Westbound		
Median	Average	85th Percentile
46	46	52

Vehicle Speeds (mph) Eastbound		
Median	Average	85th Percentile
43	43	48

NOTES:

Passenger vehicle class includes motorcycles, passenger cars, pickup trucks and SUVs (FHWA Veh. Classes 1-3)

Single-unit truck class includes school buses, 2-axle, 3-axle and 4-axle trucks (FHWA 4-7)

Tractor-trailer truck class includes heavy-duty vehicles with more than four axles (FHWA 8-13)

VTrans adjustment factors were used to calculate AADT (2008 Continuous Traffic Counter Grouping Study and Regression Analysis, VTrans 2009)

*Location is close to transition of 50 to 40 mph

**Southern Windsor County Regional Planning Commission
2008 Traffic Count Summary**

Station # 3

Time Period: 8/14/2008 through 8/22/2008
 Count ID: REA003CLS/SPD
 Town: Reading, VT
 Road: VT 106
 Location: 500' South of Felchville School entrance

Average Daily Traffic Summary	
Average Weekday Traffic	1,653.7
Average Weekend Traffic	1,495.5
Average Daily Traffic	1,618.6
Annual Average Daily Traffic	1,395

Day	Date	Vehicle Volumes			Vehicle Class			
		NB	SB	Total	Passenger Vehicles	Single-Unit Trucks	Tractor-Trailer Trucks	Total
R	8/14/2008	805	794	1,599				
F	8/15/2008	843	796	1,639				
S	8/16/2008	748	746	1,494				
S	8/17/2008	720	777	1,497				
M	8/18/2008	826	784	1,610				
T	8/19/2008	807	802	1,609				
W	8/20/2008	875	889	1,764				
R	8/21/2008	807	776	1,583				
F	8/22/2008	912	860	1,772				
TOTAL		7,343	7,224	14,567				
AVERAGE DAILY		816	803	1,619	92.9%	6.0%	1.1%	100.0%

Posted Speed Limit: 35 mph*

Vehicle Speeds (mph) Northbound		
Median	Average	85th Percentile
40	37	45

Vehicle Speeds (mph) Southbound		
Median	Average	85th Percentile
38	34	43

NOTES:

Passenger vehicle class includes motorcycles, passenger cars, pickup trucks and SUVs (FHWA Veh. Classes 1-3)

Single-unit truck class includes school buses, 2-axle, 3-axle and 4-axle trucks (FHWA 4-7)

Tractor-trailer truck class includes heavy-duty vehicles with more than four axles (FHWA 8-13)

VTrans adjustment factors were used to calculate AADT (*2008 Continuous Traffic Counter Grouping Study and Regression Analysis*, VTrans 2009)

*Location is close to transition of 50 to 35 mph

**Southern Windsor County Regional Planning Commission
2006 Traffic Count Summary**

Station # 4

Time Period: 10/31/2006 through 11/12/2006
 Count ID: CHE004CLS/SPD
 Town: Chester, VT
 Road: VT 11
 Location: 100' west of Lacross Road (Spr TH 15)

Average Daily Traffic Summary	
Average Weekday Traffic	4,170.6
Average Weekend Traffic	2982.5
Average Daily Traffic	3,805.0
Annual Average Daily Traffic	4,027

Day	Date	Vehicle Volumes			Vehicle Class			
		WB	EB	Total	Passenger Vehicles	Single-Unit Trucks	Tractor-Trailer Trucks	Total
T	10/31/2006	2111	2058	4169	3796	238	135	4169
W	11/1/2006	2125	2104	4229	3831	247	151	4229
R	11/2/2006	2064	2057	4121	3765	226	130	4121
F	11/3/2006	2178	2271	4449	4094	234	121	4449
S	11/4/2006	1724	1697	3421	3257	94	70	3421
S	11/5/2006	1405	1406	2811	2701	63	47	2811
M	11/6/2006	2038	2076	4114	3776	219	119	4114
T	11/7/2006	1943	2042	3985	3613	240	132	3985
W	11/8/2006	2050	2028	4078	3714	214	150	4078
R	11/9/2006	2087	2106	4193	3860	200	133	4193
F	11/10/2006	2109	2088	4197	3856	221	120	4197
S	11/11/2006	1630	1606	3236	3069	115	52	3236
S	11/12/2006	1236	1226	2462	2336	86	40	2462
TOTAL		24700	24765	49465	45668	2397	1400	49465
AVERAGE DAILY		1900.0	1905.0	3805.0	92.3%	4.8%	2.8%	100.0%

Posted Speed Limit: 50 mph

Vehicle Speeds (mph) Westbound		
Median	Average	85th Percentile
55	55	60

Vehicle Speeds (mph) Eastbound		
Median	Average	85th Percentile
54	54	60

NOTES:

Passenger vehicle class includes motorcycles, passenger cars, pickup trucks and SUVs (FHWA Veh. Classes 1-3)
 Single-unit truck class includes school buses, 2-axle, 3-axle and 4-axle trucks (FHWA 4-7)
 Tractor-trailer truck class includes heavy-duty vehicles with more than four axles (FHWA 8-13)
 VTrans adjustment factors were used to calculate AADT (2006 Continuous Traffic Counter Grouping Study and Regression Analysis, VTrans 2007)
 Traffic count not performed in 2007 or 2008

**Southern Windsor County Regional Planning Commission
2007 Traffic Count Summary**

Station # 5

Time Period: 10/17/2007 through 10/21/2007
 Count ID: SPRI005CLS/SPD
 Town: Springfield, VT.
 Road: VT 106
 Location: 400' South of VT 10

Average Daily Traffic Summary	
Average Weekday Traffic	7,279.7
Average Weekend Traffic	5,252.5
Average Daily Traffic	6,468.8
Annual Average Daily Traffic	5,711

Day	Date	Vehicle Volumes			Vehicle Class			Total
		NB	SB	Total	Passenger Vehicles	Single-Unit Trucks	Tractor-Trailer Trucks	
W	10/17/2007	3,602	3,575	7,177				
R	10/18/2007	3,709	3,653	7,362				
F	10/19/2007	3,674	3,626	7,300				
S	10/20/2007	2,889	2,859	5,748				
S	10/21/2007	2,347	2,410	4,757				
TOTAL		16,221	16,123	32,344				
AVERAGE DAILY		3,244	3,225	6,469	92.1%	6.5%	1.4%	100.0%

Posted Speed Limit: 40 mph

Vehicle Speeds (mph) Northbound		
Median	Average	85th Percentile
42	40	48

Vehicle Speeds (mph) Southbound		
Median	Average	85th Percentile
43	41	49

NOTES:

Passenger vehicle class includes motorcycles, passenger cars, pickup trucks and SUVs (FHWA Veh. Classes 1-3)
 Single-unit truck class includes school buses, 2-axle, 3-axle and 4-axle trucks (FHWA 4-7)
 Tractor-trailer truck class includes heavy-duty vehicles with more than four axles (FHWA 8-13)
 VTrans adjustment factors were used to calculate AADT (2007 Continuous Traffic Counter Grouping Study and Regression Analysis, VTrans 2008)
 Traffic count not performed in 2008

**Southern Windsor County Regional Planning Commission
2008 Traffic Count Summary**

Station # 6

Time Period: 10/25/2008 through 11/2/2008
 Count ID: CHE006CLS/SPD
 Town: Chester, VT
 Road: VT 10
 Location: 1000' west of North Main Street (No. Spri. TH 6)

Average Daily Traffic Summary	
Average Weekday Traffic	3,419.2
Average Weekend Traffic	2,401.3
Average Daily Traffic	2,966.8
Annual Average Daily Traffic	3,128

Day	Date	Vehicle Volumes			Vehicle Class			Total
		WB	EB	Total	Passenger Vehicles	Single-Unit Trucks	Tractor-Trailer Trucks	
S	10/25/2008	1,240	1,239	2,479				
S	10/26/2008	1,134	1,123	2,257				
M	10/27/2008	1,676	1,715	3,391				
T	10/28/2008	1,620	1,643	3,263				
W	10/29/2008	1,640	1,661	3,301				
R	10/30/2008	1,740	1,742	3,482				
F	10/31/2008	1,827	1,832	3,659				
S	11/1/2008	1,358	1,384	2,742				
S	11/2/2008	1,033	1,094	2,127				
TOTAL		13,268	13,433	26,701				
AVERAGE DAILY		1,474	1,493	2,967	91.2%	6.3%	2.5%	100.0%

Posted Speed Limit: 50 mph

Vehicle Speeds (mph) Westbound		
Median	Average	85th Percentile
49	50	55

Vehicle Speeds (mph) Eastbound		
Median	Average	85th Percentile
46	47	52

NOTES:

- Passenger vehicle class includes motorcycles, passenger cars, pickup trucks and SUVs (FHWA Veh. Classes 1-3)
- Single-unit truck class includes school buses, 2-axle, 3-axle and 4-axle trucks (FHWA 4-7)
- Tractor-trailer truck class includes heavy-duty vehicles with more than four axles (FHWA 8-13)
- VTrans adjustment factors were used to calculate AADT (2008 Continuous Traffic Counter Grouping Study and Regression Analysis, VTrans 2009)

**Southern Windsor County Regional Planning Commission
2008 Traffic Count Summary**

Station # 7

Time Period: 11/8/2008 through 11/16/2008
 Count ID: CAV007CLS/SPD
 Town: Cavendish, VT
 Road: VT 103
 Location: 1000' south of VT 131

Average Daily Traffic Summary	
Average Weekday Traffic	4,111.9
Average Weekend Traffic	4,021.5
Average Daily Traffic	4,091.8
Annual Average Daily Traffic	5,129

Day	Date	Vehicle Volumes			Vehicle Class			Total
		NB	SB	Total	Passenger Vehicles	Single-Unit Trucks	Tractor-Trailer Trucks	
R	11/8/2008	2,222	2,093	4,315				
F	11/9/2008	1,536	2,172	3,708				
S	11/10/2008	1,228	2,729	3,957				
S	11/11/2008	2,018	2,068	4,086				
M	11/12/2008	2,085	2,072	4,157				
T	11/13/2008	2,204	2,107	4,311				
W	11/14/2008	2,872	2,264	5,136				
R	11/15/2008	1,907	1,797	3,704				
F	11/16/2008	1,269	2,183	3,452				
TOTAL		17,341	19,485	36,826				
AVERAGE DAILY		1,927	2,165	4,092	85.5%	11.0%	3.5%	100.0%

Posted Speed Limit: 50 mph

Vehicle Speeds (mph) Northbound (toward Ludlow)		
Median	Average	85th Percentile
57	56	64

Vehicle Speeds (mph) Southbound (toward Chester)		
Median	Average	85th Percentile
51	48	56

NOTES:

Passenger vehicle class includes motorcycles, passenger cars, pickup trucks and SUVs (FHWA Veh. Classes 1-3)

Single-unit truck class includes school buses, 2-axle, 3-axle and 4-axle trucks (FHWA 4-7)

Tractor-trailer truck class includes heavy-duty vehicles with more than four axles (FHWA 8-13)

VTrans adjustment factors were used to calculate AADT (2008 Continuous Traffic Counter Grouping Study and Regression Analysis, VTrans 2009)

**Southern Windsor County Regional Planning Commission
2007 Traffic Count Summary**

Station # 8

Time Period: 9/10/2007 through 9/20/2007
 Count ID: LUD008CLS/SPD
 Town: Ludlow, VT
 Road: VT 100
 Location: 1000' north of VT 103

Average Daily Traffic Summary	
Average Weekday Traffic	3,011.6
Average Weekend Traffic	3,148.0
Average Daily Traffic	3,036.4
Annual Average Daily Traffic	3,269

Day	Date	Vehicle Volumes			Vehicle Class			
		NB	SB	Total	Passenger Vehicles	Single-Unit Trucks	Tractor-Trailer Trucks	Total
M	9/10/2007	1,260	1,254	2,514				
T	9/11/2007	1,301	1,277	2,578				
W	9/12/2007	1,490	1,452	2,942				
R	9/13/2007	1,672	1,544	3,216				
F	9/14/2007	2,110	1,739	3,849				
S	9/15/2007	1,633	1,534	3,167				
S	9/16/2007	1,309	1,820	3,129				
M	9/17/2007	1,415	1,365	2,780				
T	9/18/2007	1,547	1,479	3,026				
W	9/19/2007	1,569	1,501	3,070				
R	9/20/2007	1,606	1,523	3,129				
TOTAL		16,912	16,488	33,400				
AVERAGE DAILY		1,537	1,499	3,036	75.4%	23.3%	1.3%	100.0%

Posted Speed Limit: 50 mph

Vehicle Speeds (mph) Northbound (toward Plymouth)		
Median	Average	85th Percentile
44	42	50

Vehicle Speeds (mph) Southbound (toward Ludlow Village)		
Median	Average	85th Percentile
47	47	57

NOTES:

Passenger vehicle class includes motorcycles, passenger cars, pickup trucks and SUVs (FHWA Veh. Classes 1-3)

Single-unit truck class includes school buses, 2-axle, 3-axle and 4-axle trucks (FHWA 4-7)

Tractor-trailer truck class includes heavy-duty vehicles with more than four axles (FHWA 8-13)

VTrans adjustment factors were used to calculate AADT (2007 Continuous Traffic Counter Grouping Study and Regression Analysis, VTrans 2008)

Traffic count not performed in 2008

**Southern Windsor County Regional Planning Commission
2007 Traffic Count Summary**

Station # 9

Time Period: 8/25/2007 through 9/5/2007
 Count ID: LUD009CLS/SPD
 Town: Ludlow, VT
 Road: High Street (TH4)
 Location: 100' West of Gill Terr (TH312)

Average Daily Traffic Summary	
Average Weekday Traffic	949.9
Average Weekend Traffic	941.5
Average Daily Traffic	947.1
Annual Average Daily Traffic	958

Day	Date	Vehicle Volumes			Vehicle Class			
		WB	EB	Total	Passenger Vehicles	Single-Unit Trucks	Tractor-Trailer Trucks	Total
S	8/25/2007	684	257	941				
S	8/26/2007	517	225	742				
M	8/27/2007	707	255	962				
T	8/28/2007	649	216	865				
W	8/29/2007	745	249	994				
R	8/30/2007	745	253	998				
F	8/31/2007	931	296	1227				
S	9/1/2007	895	287	1182				
S	9/2/2007	658	243	901				
M	9/3/2007	520	169	689				
T	9/4/2007	691	225	916				
W	9/5/2007	696	252	948				
TOTAL		8438	2927	11365				
AVERAGE DAILY		703.2	243.9	947.1	97.2%	2.2%	0.7%	100.0%

Posted Speed Limit: 30 mph

Vehicle Speeds (mph) Westbound		
Median	Average	85th Percentile
26	25	32

Vehicle Speeds (mph) Eastbound		
Median	Average	85th Percentile
21	21	29

NOTES:

Passenger vehicle class includes motorcycles, passenger cars, pickup trucks and SUVs (FHWA Veh. Classes 1-3)

Single-unit truck class includes school buses, 2-axle, 3-axle and 4-axle trucks (FHWA 4-7)

Tractor-trailer truck class includes heavy-duty vehicles with more than four axles (FHWA 8-13)

VTrans adjustment factors were used to calculate AADT (2007 Continuous Traffic Counter Grouping Study and Regression Analysis, VTrans 2008)

Traffic count not performed in 2008

**Southern Windsor County Regional Planning Commission
2007 Traffic Count Summary**

Station # 10

Time Period: 8/25/2007 through 9/5/2007
 Count ID: LUD010CLS/SPD
 Town: Ludlow, VT
 Road: Dug Road (TH 4)
 Location: 200 feet west of Prospect Street (TH 4)

Average Daily Traffic Summary	
Average Weekday Traffic	571.1
Average Weekend Traffic	562.3
Average Daily Traffic	568.2
Annual Average Daily Traffic	575

Day	Date	Vehicle Volumes			Vehicle Class			
		NB (one-way)	SB (wrong-way)	Total	Passenger Vehicles	Single-Unit Trucks	Tractor-Trailer Trucks	Total
S	8/25/2007	521	3	524				
S	8/26/2007	406	0	406				
M	8/27/2007	555	2	557				
T	8/28/2007	520	2	522				
W	8/29/2007	588	2	590				
R	8/30/2007	605	5	610				
F	8/31/2007	726	5	731				
S	9/1/2007	770	6	776				
S	9/2/2007	538	5	543				
M	9/3/2007	437	6	443				
T	9/4/2007	548	0	548				
W	9/5/2007	566	2	568				
TOTAL		6,780	38	6,818				
AVERAGE DAILY		565	3	568	98.6%	1.3%	0.1%	100.0%

Posted Speed Limit: 30 mph

Vehicle Speeds Northbound (one-way)		
Median	Average	85th Percentile
19	19	32

NOTES:

- Passenger vehicle class includes motorcycles, passenger cars, pickup trucks and SUVs (FHWA Veh. Classes 1-3)
- Single-unit truck class includes school buses, 2-axle, 3-axle and 4-axle trucks (FHWA 4-7)
- Tractor-trailer truck class includes heavy-duty vehicles with more than four axles (FHWA 8-13)
- VTrans adjustment factors were used to calculate AADT (2007 Continuous Traffic Counter Grouping Study and Regression Analysis, VTrans 2008)
- Traffic count not performed in 2008

**Southern Windsor County Regional Planning Commission
2008 Traffic Count Summary**

Station # 11

Time Period: 7/30/2008 through 8/7/2008
 Count ID: WEA011CLS/SPD
 Town: Weathersfield, VT.
 Road: US 5
 Location: 500' South of Wilgus State Park entrance

Average Daily Traffic Summary	
Average Weekday Traffic	1,596.3
Average Weekend Traffic	1,655.5
Average Daily Traffic	1,609.4
Annual Average Daily Traffic	1,274

Day	Date	Vehicle Volumes			Vehicle Class			Total
		NB	SB	Total	Passenger Vehicles	Single-Unit Trucks	Tractor-Trailer Trucks	
W	7/30/2008	804	829	1,633				
R	7/31/2008	726	824	1,550				
F	8/1/2008	920	954	1,874				
S	8/2/2008	811	915	1,726				
S	8/3/2008	763	822	1,585				
M	8/4/2008	750	762	1,512				
T	8/5/2008	725	764	1,489				
W	8/6/2008	733	744	1,477				
R	8/7/2008	811	828	1,639				
TOTAL		7,043	7,442	14,485				
AVERAGE DAILY		783	827	1,609	74.4%	24.3%	1.3%	100.0%

Posted Speed Limit: 40 mph*

Vehicle Speeds (mph) Northbound		
Median	Average	85th Percentile
41	38	47

Vehicle Speeds (mph) Southbound		
Median	Average	85th Percentile
62	61	70

NOTES:

Passenger vehicle class includes motorcycles, passenger cars, pickup trucks and SUVs (FHWA Veh. Classes 1-3)

Single-unit truck class includes school buses, 2-axle, 3-axle and 4-axle trucks (FHWA 4-7)

Tractor-trailer truck class includes heavy-duty vehicles with more than four axles (FHWA 8-13)

VTrans adjustment factors were used to calculate AADT (2008 Continuous Traffic Counter Grouping Study and Regression Analysis, VTrans 2009)

*Location is close to transition of 50 to 40 mph

**Southern Windsor County Regional Planning Commission
2007 Traffic Count Summary**

Station # 12

Time Period: 6/2/2007 through 6/7/2007
 Count ID: REA012CLS/SPD
 Town: Reading, VT
 Road: Tyson Road (TH 1)
 Location: 50 feet west of Puckerbrush Road (TH 48)

Average Daily Traffic Summary	
Average Weekday Traffic	501.0
Average Weekend Traffic	459.5
Average Daily Traffic	487.2
Annual Average Daily Traffic	477

Day	Date	Vehicle Volumes			Vehicle Class			
		WB	EB	Total	Passenger Vehicles	Single-Unit Trucks	Tractor-Trailer Trucks	Total
W	6/2/2007	277	307	584				
R	6/3/2007	219	223	442				
F	6/4/2007	202	220	422				
S	6/5/2007	227	214	441				
S	6/6/2007	253	225	478				
M	6/7/2007	268	288	556				
TOTAL		1,446	1,477	2,923				
AVERAGE DAILY		241	246	487	90.5%	8.7%	0.8%	100.0%

Posted Speed Limit: 40 mph

Vehicle Speeds (mph) Westbound		
Median	Average	85th Percentile
42	38	48

Vehicle Speeds (mph) Eastbound		
Median	Average	85th Percentile
41	38	47

NOTES:

Passenger vehicle class includes motorcycles, passenger cars, pickup trucks and SUVs (FHWA Veh. Classes 1-3)

Single-unit truck class includes school buses, 2-axle, 3-axle and 4-axle trucks (FHWA 4-7)

Tractor-trailer truck class includes heavy-duty vehicles with more than four axles (FHWA 8-13)

VTrans adjustment factors were used to calculate AADT (*2007 Continuous Traffic Counter Grouping Study and Regression Analysis*, VTrans 2008)

Traffic count not performed in 2008

**Southern Windsor County Regional Planning Commission
2007 Traffic Count Summary**

Station # 13

Time Period: 6/2/2007 through 6/7/2007
 Count ID: WW013CLS/SPD
 Town: West Windsor, VT
 Road: Brownsville-Hartland Road (TH1)
 Location: 0.6 miles North of VT 44

Average Daily Traffic Summary	
Average Weekday Traffic	1,049.3
Average Weekend Traffic	1,171.0
Average Daily Traffic	1,089.8
Annual Average Daily Traffic	1,938

Day	Date	Vehicle Volumes			Vehicle Class			Total
		NB	SB	Total	Passenger Vehicles	Single-Unit Trucks	Tractor-Trailer Trucks	
W	6/2/2007	539	482	1,021				
R	6/3/2007	438	437	875				
F	6/4/2007	511	522	1,033				
S	6/5/2007	545	540	1,085				
S	6/6/2007	647	610	1,257				
M	6/7/2007	634	634	1,268				
TOTAL		3,314	3,225	6,539				
AVERAGE DAILY		552	538	1,090	94.5%	4.5%	1.1%	100.0%

Posted Speed Limit: 40 mph

Vehicle Speeds (mph) Northbound		
Median	Average	85th Percentile
42	42	47

Vehicle Speeds (mph) Southbound		
Median	Average	85th Percentile
39	40	45

NOTES:

- Passenger vehicle class includes motorcycles, passenger cars, pickup trucks and SUVs (FHWA Veh. Classes 1-3)
- Single-unit truck class includes school buses, 2-axle, 3-axle and 4-axle trucks (FHWA 4-7)
- Tractor-trailer truck class includes heavy-duty vehicles with more than four axles (FHWA 8-13)
- VTrans adjustment factors were used to calculate AADT (*2007 Continuous Traffic Counter Grouping Study and Regression Analysis*, VTrans 2008)
- AADT was determined using adjustment factors for "recreational town highways" due to the proximity to Mt Ascutney Resort.
- Traffic count not performed in 2008

**Southern Windsor County Regional Planning Commission
2008 Traffic Count Summary**

Station # 14

Time Period: 7/7/2008 through 7/15/2008
 Count ID: WEA014CLS/SPD
 Town: Weathersfield, VT
 Road: Center Road (TH 1)
 Location: 50 feet south of Jeffrey Ln (TH 98)

Average Daily Traffic Summary	
Average Weekday Traffic	1,642.7
Average Weekend Traffic	1,308.5
Average Daily Traffic	1,568.4
Annual Average Daily Traffic	1,427

Day	Date	Vehicle Volumes			Vehicle Class			
		NB	SB	Total	Passenger Vehicles	Single-Unit Trucks	Tractor-Trailer Trucks	Total
M	7/7/2008	748	911	1,659				
T	7/8/2008	751	931	1,682				
W	7/9/2008	771	979	1,750				
R	7/10/2008	783	962	1,745				
F	7/11/2008	834	812	1,646				
S	7/12/2008	722	719	1,441				
S	7/13/2008	586	590	1,176				
M	7/14/2008	759	772	1,531				
T	7/15/2008	737	749	1,486				
TOTAL		6,691	7,425	14,116				
AVERAGE DAILY		743	825	1,568	97.1%	2.6%	0.3%	100.0%

Posted Speed Limit: 40 mph

Vehicle Speeds (mph) Northbound		
Median	Average	85th Percentile
43	43	50

Vehicle Speeds (mph) Southbound		
Median	Average	85th Percentile
42	36	51

NOTES:

Passenger vehicle class includes motorcycles, passenger cars, pickup trucks and SUVs (FHWA Veh. Classes 1-3)

Single-unit truck class includes school buses, 2-axle, 3-axle and 4-axle trucks (FHWA 4-7)

Tractor-trailer truck class includes heavy-duty vehicles with more than four axles (FHWA 8-13)

VTrans adjustment factors were used to calculate AADT (2008 Continuous Traffic Counter Grouping Study and Regression Analysis, VTrans 2009)

**Southern Windsor County Regional Planning Commission
2007 Traffic Count Summary**

Station # 15

Time Period: 10/6/2007 through 10/11/2007
 Count ID: CAV015CLS/SPD
 Town: Cavendish, VT
 Road: Depot Street (TH1)
 Location: 200' South of Green Mountain Railroad

Average Daily Traffic Summary	
Average Weekday Traffic	1,202.3
Average Weekend Traffic	1,236.5
Average Daily Traffic	1,213.7
Annual Average Daily Traffic	1,192

Day	Date	Vehicle Volumes			Vehicle Class			Total
		NB	SB	Total	Passenger Vehicles	Single-Unit Trucks	Tractor-Trailer Trucks	
S	10/6/2007	676	635	1,311				
S	10/7/2007	560	602	1,162				
M	10/8/2007	565	642	1,207				
T	10/9/2007	630	621	1,251				
W	10/10/2007	619	488	1,107				
R	10/11/2007	601	643	1,244				
TOTAL		3,651	3,631	7,282				
AVERAGE DAILY		609	605	1,214	77.6%	21.7%	0.7%	100.0%

Posted Speed Limit: 35 mph

Vehicle Speeds (mph) Northbound		
Median	Average	85th Percentile
18	18	31

Vehicle Speeds (mph) Southbound		
Median	Average	85th Percentile
28	27	41

NOTES:

- Passenger vehicle class includes motorcycles, passenger cars, pickup trucks and SUVs (FHWA Veh. Classes 1-3)
- Single-unit truck class includes school buses, 2-axle, 3-axle and 4-axle trucks (FHWA 4-7)
- Tractor-trailer truck class includes heavy-duty vehicles with more than four axles (FHWA 8-13)
- VTrans adjustment factors were used to calculate AADT (*2007 Continuous Traffic Counter Grouping Study and Regression Analysis*, VTrans 2008)
- Trucks use Depot Street southbound as a bypass around the VT 131 and 103 intersection.
- Traffic count not performed in 2008

**Southern Windsor County Regional Planning Commission
2008 Traffic Count Summary**

Station # 16

Time Period: 7/30/2008 through 8/7/2008
 Count ID: WIN016CLS/SPD
 Town: Windsor, VT
 Road: US 5
 Location: 100 feet north of Cedar Hill Drive

Average Daily Traffic Summary	
Average Weekday Traffic	3,728.9
Average Weekend Traffic	3,050.0
Average Daily Traffic	3,578.0
Annual Average Daily Traffic	3,293

Day	Date	Vehicle Volumes			Vehicle Class			Total
		NB	SB	Total	Passenger Vehicles	Single-Unit Trucks	Tractor-Trailer Trucks	
W	7/30/2008	1,752	1,842	3,594				
R	7/31/2008	1,820	1,978	3,798				
F	8/1/2008	1,983	2,189	4,172				
S	8/2/2008	1,623	1,742	3,365				
S	8/3/2008	1,297	1,438	2,735				
M	8/4/2008	1,738	1,863	3,601				
T	8/5/2008	1,771	1,912	3,683				
W	8/6/2008	1,718	1,828	3,546				
R	8/7/2008	1,802	1,906	3,708				
TOTAL		15,504	16,698	32,202				
AVERAGE DAILY		1,723	1,855	3,578	93.8%	5.3%	0.8%	100.0%

Posted Speed Limit: 40 mph

Vehicle Speeds (mph) Northbound		
Median	Average	85th Percentile
47	46	52

Vehicle Speeds (mph) Southbound		
Median	Average	85th Percentile
44	43	50

NOTES:

Passenger vehicle class includes motorcycles, passenger cars, pickup trucks and SUVs (FHWA Veh. Classes 1-3)
 Single-unit truck class includes school buses, 2-axle, 3-axle and 4-axle trucks (FHWA 4-7)
 Tractor-trailer truck class includes heavy-duty vehicles with more than four axles (FHWA 8-13)
 VTrans adjustment factors were used to calculate AADT (2008 Continuous Traffic Counter Grouping Study and Regression Analysis, VTrans 2009)
 Speed limit was recently lowered from 50 mph to 40 mph

**Southern Windsor County Regional Planning Commission
2008 Traffic Count Summary**

Station # 17

Time Period: 7/7/2008 through 7/15/2008
 Count ID: WEA017CLS/SPD
 Town: Weathersfield, VT.
 Road: VT 106
 Location: 50' north of High Street (by Perkinsville Green)

Average Daily Traffic Summary	
Average Weekday Traffic	3,214.0
Average Weekend Traffic	3,608.5
Average Daily Traffic	3,301.7
Annual Average Daily Traffic	2,988

Day	Date	Vehicle Volumes			Vehicle Class			Total
		NB	SB	Total	Passenger Vehicles	Single-Unit Trucks	Tractor-Trailer Trucks	
R	7/7/2008	1,596	1,632	3,228				
F	7/8/2008	1,680	1,673	3,353				
S	7/9/2008	1,816	1,796	3,612				
S	7/10/2008	1,764	1,841	3,605				
M	7/11/2008	1,845	1,764	3,609				
T	7/12/2008	1,514	1,569	3,083				
W	7/13/2008	1,125	1,266	2,391				
R	7/14/2008	1,648	1,699	3,347				
F	7/15/2008	1,718	1,769	3,487				
TOTAL		14,706	15,009	29,715				
AVERAGE DAILY		1,634	1,668	3,302	93.3%	5.5%	1.2%	100.0%

Posted Speed Limit: 35 mph

Vehicle Speeds (MPH) Northbound		
Median	Average	85th Percentile
21	21	35

Vehicle Speeds (MPH) Southbound		
Median	Average	85th Percentile
24	23	38

NOTES:

Passenger vehicle class includes motorcycles, passenger cars, pickup trucks and SUVs (FHWA Veh. Classes 1-3)

Single-unit truck class includes school buses, 2-axle, 3-axle and 4-axle trucks (FHWA 4-7)

Tractor-trailer truck class includes heavy-duty vehicles with more than four axles (FHWA 8-13)

VTrans adjustment factors were used to calculate AADT (2008 Continuous Traffic Counter Grouping Study and Regression Analysis, VTrans 2009)

**Southern Windsor County Regional Planning Commission
2008 Traffic Count Summary**

Station # 18

Time Period: 11/8/2008 - 11/16/2008
 Count ID: CAV018CLS/SPD
 Town: Cavendish, VT
 Road: Twenty Mile Stream Road (TH 3)
 Location: 1/2 mile north of VT 131

Average Daily Traffic Summary	
Average Weekday Traffic	630.6
Average Weekend Traffic	519.0
Average Daily Traffic	581.0
Annual Average Daily Traffic	647

Day	Date	Vehicle Volumes			Vehicle Class			Total
		NB	SB	Total	Passenger Vehicles	Single-Unit Trucks	Tractor-Trailer Trucks	
S	11/8/2008	298	282	580				
S	11/9/2008	220	240	460				
M	11/10/2008	241	234	475				
T	11/11/2008	516	507	1,023				
W	11/12/2008	284	290	574				
R	11/13/2008	246	252	498				
F	11/14/2008	352	231	583				
S	11/15/2008	272	272	544				
S	11/16/2008	267	225	492				
TOTAL		2,696	2,533	5,229				
AVERAGE DAILY		300	281	581	94.8%	4.8%	0.4%	100.0%

Posted Speed Limit: 35 mph

Vehicle Speeds Northbound		
Median	Average	85th Percentile
27 mph	25 mph	39 mph

Vehicle Speeds Southbound		
Median	Average	85th Percentile
37 mph	32 mph	44 mph

NOTES:

Passenger vehicle class includes motorcycles, passenger cars, pickup trucks and SUVs (FHWA Veh. Classes 1-3)

Single-unit truck class includes school buses, 2-axle, 3-axle and 4-axle trucks (FHWA 4-7)

Tractor-trailer truck class includes heavy-duty vehicles with more than four axles (FHWA 8-13)

VTrans adjustment factors were used to calculate AADT (2008 Continuous Traffic Counter Grouping Study and Regression Analysis, VTrans 2009)

**Southern Windsor County Regional Planning Commission
2008 Traffic Count Summary**

Station # 19

Time Period: 7/7/2008 through 7/15/2008
 Count ID: WEA019CLS/SPD
 Town: Springfield, VT
 Road: Reservoir Road (TH 9)
 Location: At the Weathersfield / Springfield Town Line

Average Daily Traffic Summary	
Average Weekday Traffic	1,078.4
Average Weekend Traffic	1,182.0
Average Daily Traffic	1,101.4
Annual Average Daily Traffic	974

Day	Date	Vehicle Volumes			Vehicle Class			Total
		NB	SB	Total	Passenger Vehicles	Single-Unit Trucks	Tractor-Trailer Trucks	
R	7/7/2008	512	579	1,091				
F	7/8/2008	563	583	1,146				
S	7/9/2008	604	560	1,164				
S	7/10/2008	582	618	1,200				
M	7/11/2008	642	596	1,238				
T	7/12/2008	539	542	1,081				
W	7/13/2008	396	434	830				
R	7/14/2008	518	514	1,032				
F	7/15/2008	575	556	1,131				
TOTAL		4,931	4,982	9,913				
AVERAGE DAILY		548	554	1,101	95.3%	3.9%	0.8%	100.0%

Posted Speed Limit: 40 mph

Vehicle Speeds Northbound		
Median	Average	85th Percentile
39 mph	40 mph	45 mph

Vehicle Speeds Southbound		
Median	Average	85th Percentile
38 mph	38 mph	44 mph

NOTES:

- Passenger vehicle class includes motorcycles, passenger cars, pickup trucks and SUVs (FHWA Veh. Classes 1-3)
- Single-unit truck class includes school buses, 2-axle, 3-axle and 4-axle trucks (FHWA 4-7)
- Tractor-trailer truck class includes heavy-duty vehicles with more than four axles (FHWA 8-13)
- VTrans adjustment factors were used to calculate AADT (2008 Continuous Traffic Counter Grouping Study and Regression Analysis, VTrans 2009)