

# Southern Windsor County 2017 Traffic Count Program Summary

March 2018



The Southern Windsor County Regional Planning Commission (the “RPC”) has been monitoring traffic at 19 locations throughout the southern Windsor County region (the “Region”) since 1999, with additional counts performed as needed. In 2016 the RPC added an additional 6 locations to their regular counting schedule.

Each location is typically surveyed for one to two weeks (longer if possible), avoiding periods of irregular traffic flows, such as July 4<sup>th</sup> or Labor Day weekend. 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 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 six 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.

## 2017 Traffic Counts

In 2016, the following counts were carried out in the region. Raw data for these traffic counts are available upon request from SWCRPC.

### Regularly monitored locations

RPC ID	VTrans ID	Town	Route/Road	Location	AADT <sup>1</sup>
101	Y207	LUDLOW	VT 103	100' NORTH OF WEST HILL RD (TH 362)	8,500
107	Y712	CAVENDISH	VT 103	1000' SOUTH OF RT 131	5,300
108	Y732	LUDLOW	VT 100	1000' NORTH OF VT 103 (SOUTH OF ROD AND GUN CLUB ROAD)	2,800
109	Y740	LUDLOW	HIGH ST (TH 4)	100' WEST OF GILL TERRACE (TH 312)	800
110	Y213	LUDLOW	DUG RD (TH 4)	50' WEST OF PROSPECT ST (TH 306)	500
120	Y340	WINDSOR	US-5	400' NORTH OF RUTH CARNEY DR (TH-77)	5200
121	YXRL and YXAP	WINDSOR	RUTH CARNEY DRIVE (TH-77)	350' SOUTH OF US-5	850

<sup>1</sup> AADT calculations were carried out in the new VTrans Traffic Data Management System (<http://vtrans.ms2soft.com>)

## Requested locations

RPC ID	VTrans ID	Town	Route/Road	Location	AADT
207	YZPQ	WEST WINDSOR	Hotel Road (TH-59)	1,200ft west of Ski Tow Road (TH-2). At east end of building 223 (Fitness Center).	500
208	YZPR	WEST WINDSOR	Coaching Lane (TH-40)	1,250ft south of VT-11. Just south of house 220. On pole 433-6.	110
209	Y353	WEST WINDSOR	Hartland Brownsville Road (TH-1)	1,900ft south of Sheddsville Rd (TH-3). Just south of house 637.	900
210	YZBM	WEST WINDSOR	Bible Hill Road (TH-30)	1,700ft south of Jewett Rd (TH-29), On pole 29-37.	ADT 140
211	YZPS	WEST WINDSOR	Harrington Road (TH-36)	350ft east of Bible Hill Road (TH-30). Near Prudent Living. On pole 2-2, 436, 8-2.	110
212	YZPO	SPRINGFIELD	Recycle Road (TH-786) (Road to Transfer Station)	200ft south of Fairground Road (TH-742/TH-29)	500
213	YZPP	SPRINGFIELD	Cutler Road (TH-9)	500ft west of Chester Rd (VT-11) (60ft east of bridge)	300
214	YZAY	SPRINGFIELD	Union St (TH-361)	60ft south of Center St (TH-372)	4000
215	Y012	SPRINGFIELD	South St (TH-4)	150ft south of Cheryl St (TH-298)	2100
216	YZPT	WEATHERSFIELD	Wellwood Orchard Road	1,150ft west of Weathersfield Center Road (TH-1). On pole 4-4.	600

Traffic count data is also collated and collected by the Vermont Agency of Transportation (VTrans). Traffic Count reports are published online in two locations (both state and SWCRPC counts):

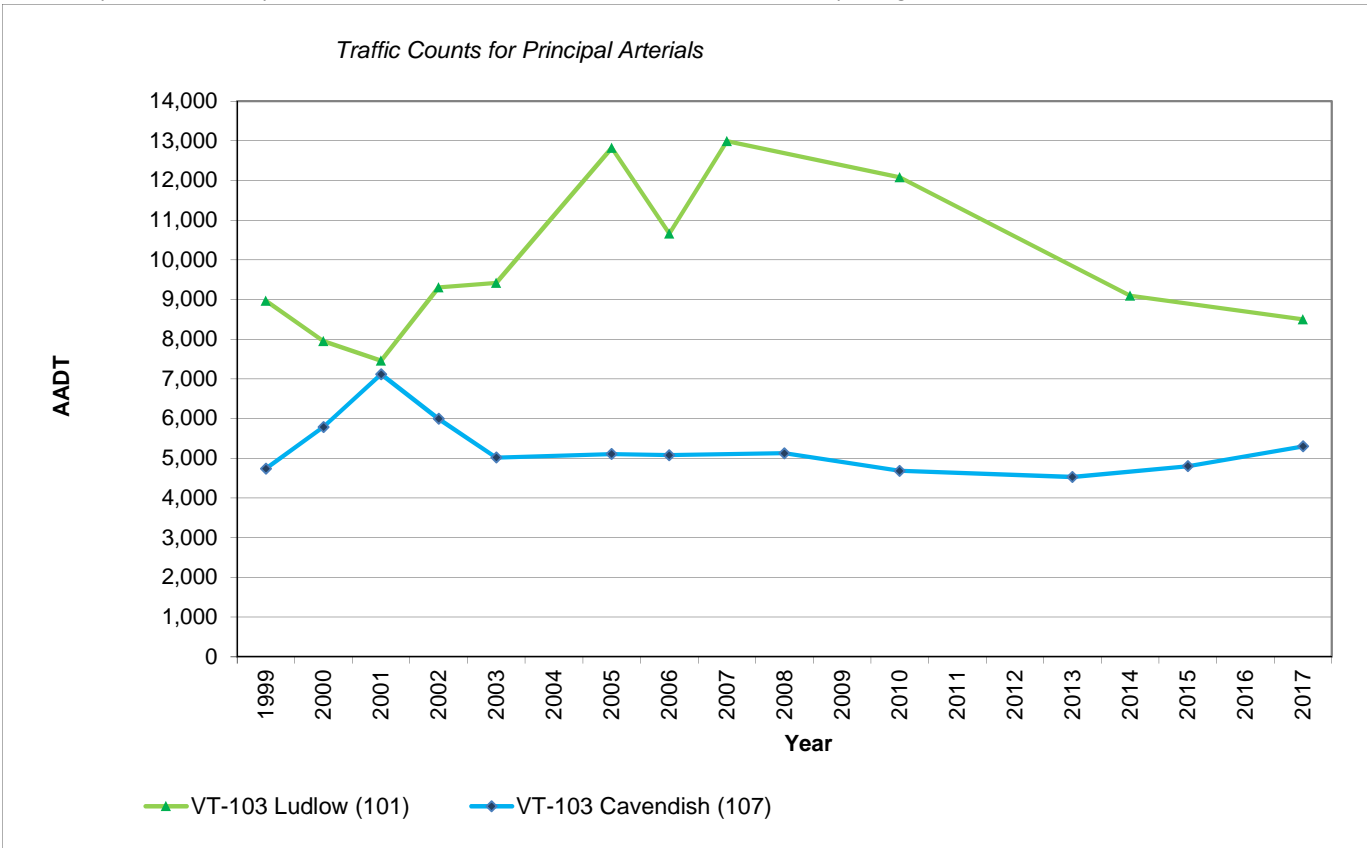
- VTrans Traffic Research Publications (<http://vtrans.vermont.gov/operations/technical-services/traffic>).
  - Most count locations have basic traffic count data available in the “Automatic Traffic Recorder Station History” reports
  - Some count locations also have information about what type of vehicles (cars, motorcycles, buses and trucks) used the roads (“Automatic Vehicle Classification Reports”).
  - One of the counters in Ludlow is permanently collecting data (P6Y209 – on Okemo Mountain Road 300ft from VT103). Data for this site is available online at <http://vtrans.vermont.gov/operations/technical-services/traffic>
- VTrans Traffic Data Management System (<http://vtrans.ms2soft.com>)
  - Counts from all locations are available.
  - The database is searchable and has an online map.
  - Includes summary data (eg AADT), as well as data for individual days and hours.
  - Includes traffic counts, speed data and turning movement counts

## Traffic Count History for Routine Count Locations

The following graphs show traffic volumes by year at each location where traffic counts are performed regularly. The tables are organized by the functional classification of each roadway.

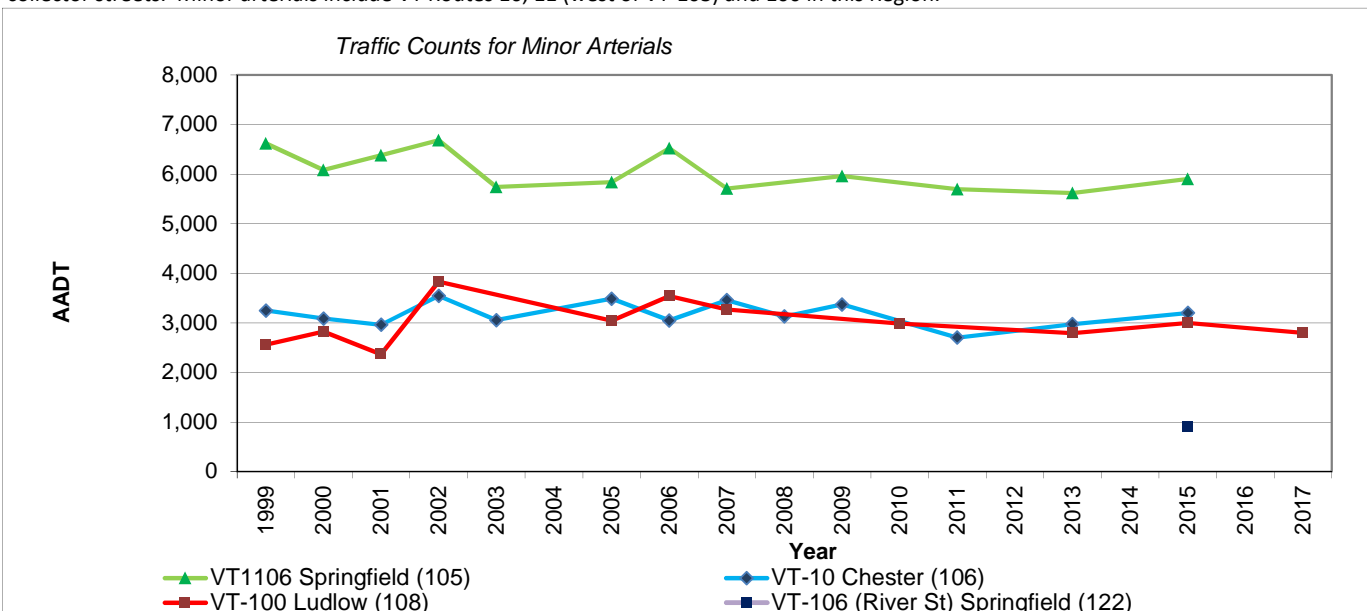
### Principal Arterial

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.



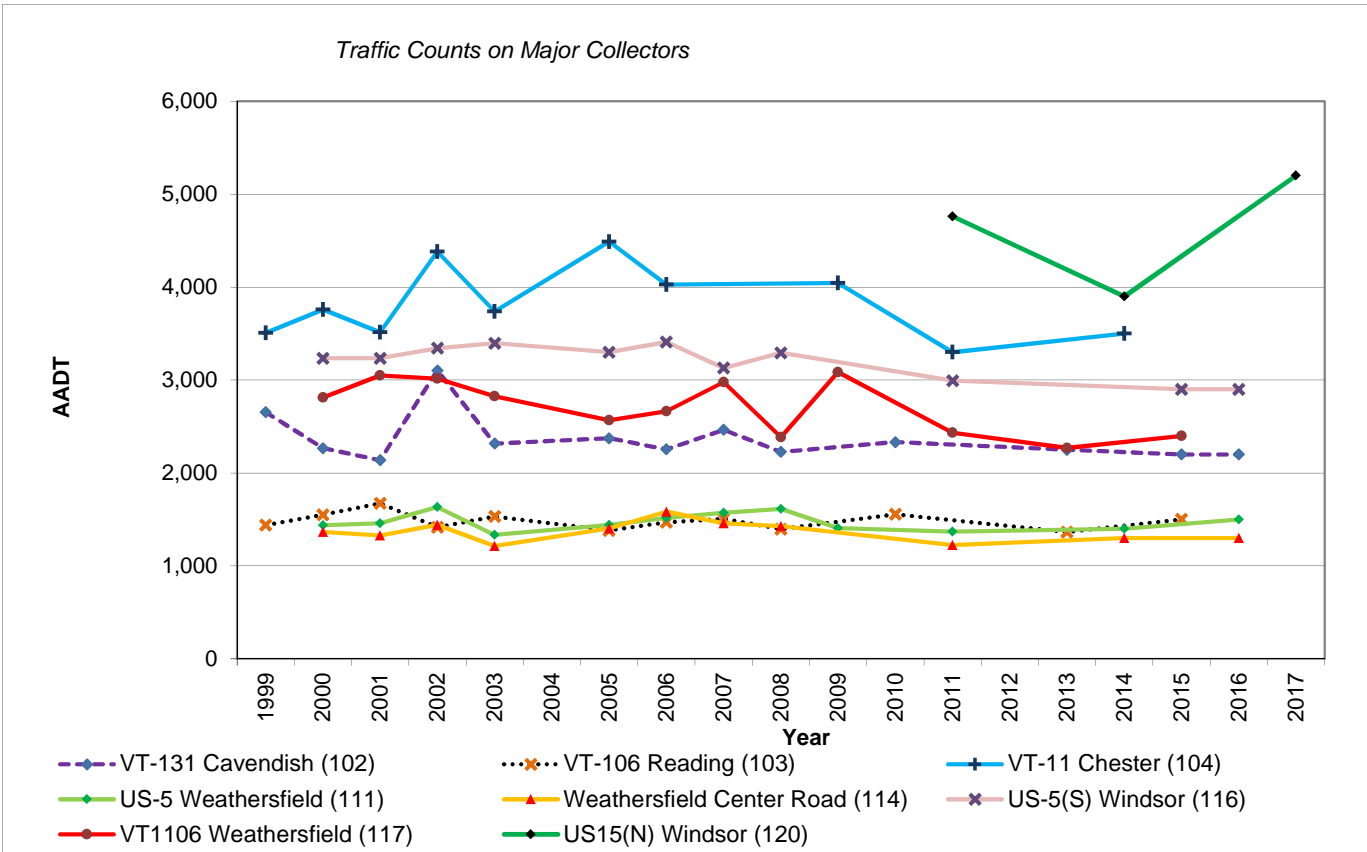
### Minor Arterial

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 (west of VT-103) and 100 in this Region.



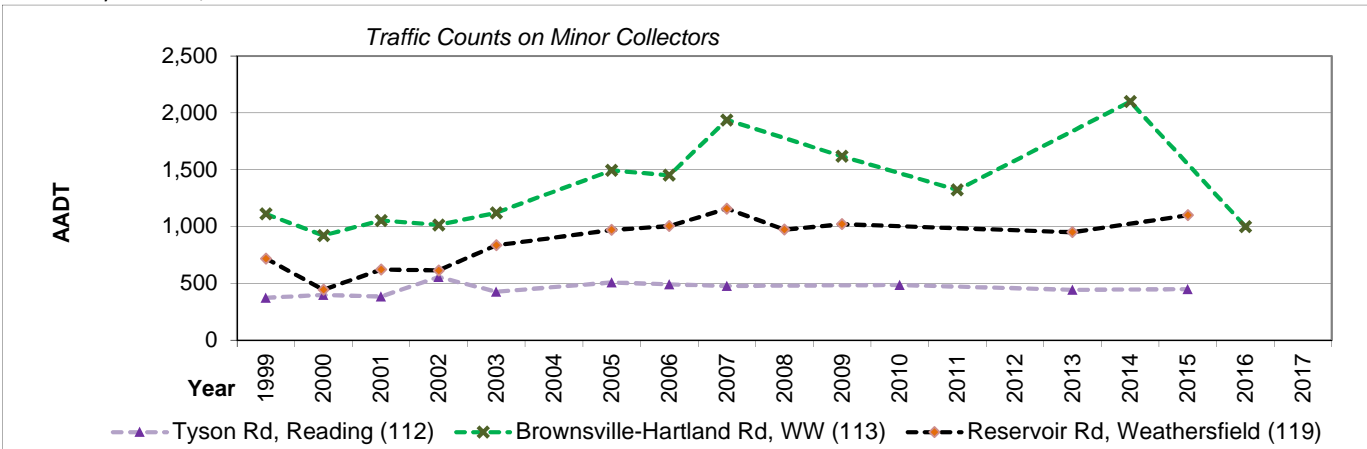
**Major Collector**

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, VT Routes 106 and 131, and certain local roads including Weathersfield Center Road and Grafton Road.



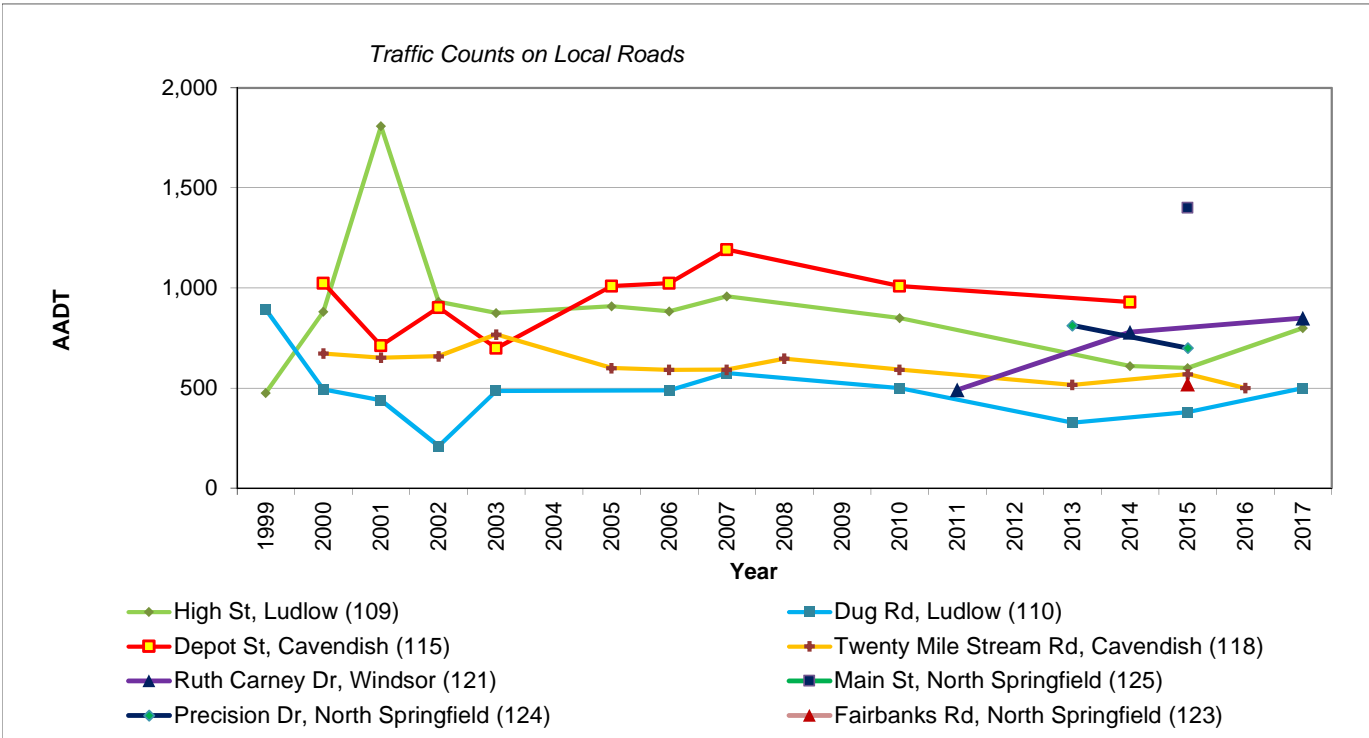
**Minor Collector**

Minor collectors generally collect traffic from local roads and bring all developed areas within a reasonable distance of a collector road. This includes Tyson Road, Brownsville-Hartland Road and Reservoir Road.



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.



## Traffic Terms and Abbreviations

**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 50<sup>th</sup> 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.
- **85<sup>th</sup> Percentile Speed** – The speed below which 85 percent of motorists travel at a specified location. The 85<sup>th</sup> 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 Regional Planning Commission  
2017 Traffic Count Summary**

RPC ID: LUD101  
VTrans ID: Y207

Time Period: 08/17/2017 through 08/30/2017  
 Count ID: LUD101SPD/CLS  
 Town: Town of Ludlow  
 Road: VT-103  
 Location: 100ft north of West Hill Rd (TH-362). Next to Totem Pole Ski Shop  
 GPS Coordinates: -72.70503 43.39675  
 Paved or unpaved? Paved  
[http://www.ms2soft.com/tcds/?loc=Vtrans&mod=tcds&local\\_id=Y207](http://www.ms2soft.com/tcds/?loc=Vtrans&mod=tcds&local_id=Y207)

Traffic Summary	Vehicles	No of Days
Average Weekday Traffic	9,658	10
Average Weekend Traffic	10,013	4
Average Daily Traffic (1)	9,760	14
Annual Average Daily Traffic (2)	8,500	

	Vehicle Speeds (mph)	
	Northbound	Southbound
Posted Speed Limit	30 mph	
Average	28 mph	28 mph
85th Percentile	32 mph	32 mph

	Vehicle Class Volumes	
	Total	Percentage
Passenger Vehicles (3)	125,233	91.7%
Single-Unit Trucks (4)	8,378	6.1%
Tractor-Trailer Trucks (5)	3,023	2.2%
<i>Total</i>	<i>136,634</i>	<i>100.0%</i>



Day Date	Vehicle Volumes		
	NB	SB	Total (7)
T 8/17/2017	5,081	5,477	10,558
F 8/18/2017	5,662	5,364	11,026
S 8/19/2017	5,377	5,797	11,174
S 8/20/2017	4,151	5,881	10,032
M 8/21/2017	4,275	4,913	9,188
T 8/22/2017	4,462	4,946	9,408
W 8/23/2017	4,731	4,929	9,660
T 8/24/2017	4,741	5,084	9,825
F 8/25/2017	5,742	5,670	11,412
S 8/26/2017	4,725	5,083	9,808
S 8/27/2017	3,844	5,194	9,038
M 8/28/2017	4,063	4,607	8,670
T 8/29/2017	3,950	4,377	8,327
W 8/30/2017	4,014	4,494	8,508
<i>Total</i>	<i>64,818</i>	<i>71,816</i>	<i>136,634</i>
<i>Average Daily</i>	<i>4,630</i>	<i>5,130</i>	<i>9,760</i>

Previous Traffic Counts (6)	
Year	AADT
2017	8,500
2015	9,400
2012	8,600
2010	9,500
2008	8,600
2007	8,600
2006	9,200
2004	10,000
2001	9,000
2000	8,900

NOTES:

- (1) ADT is the unadjusted, average number of vehicles passing in both directions at a specified location of a roadway.
- (2) AADT is the average traffic volume in both directions on a section of road, adjusted for seasonal variation. Adjustment factors are released by VTrans a few months after the calendar year finishes. AADTs will then be calculated in late spring 2018.
- (3) Passenger vehicles includes motorcycles, passenger cars, pickup trucks and SUVs (FHWA Veh. Classes 1-3)
- (4) Single-unit trucks includes school buses, 2-axle, 3-axle and 4-axle trucks (FHWA 4-7)
- (5) Tractor-trailer truck includes heavy-duty vehicles with more than four axles (FHWA 8-13)
- (6) Historic data from both VTrans and SWCRPC traffic counting programs for same section of road (may not be exactly the same location).  
[http://www.ms2soft.com/tcds/?loc=Vtrans&mod=tcds&local\\_id=Y207](http://www.ms2soft.com/tcds/?loc=Vtrans&mod=tcds&local_id=Y207)

**Southern Windsor County Regional Planning Commission  
2017 Traffic Count Summary**

RPC ID: CAV107  
VTrans ID: Y712

Time Period: 08/17/2017 through 08/20/2017  
Count ID: CAV107SPD/CLS  
Town: Town of Cavendish  
Road: VT-103  
Location: 1000ft south of VT-131

GPS Coordinates: -72.64314 43.38006  
Paved or unpaved? Paved  
[http://www.ms2soft.com/tcds/?loc=Vtrans&mod=tcds&local\\_id=Y712](http://www.ms2soft.com/tcds/?loc=Vtrans&mod=tcds&local_id=Y712)

Northbound (top) and southbound (bottom) from count



Traffic Summary	Vehicles	No of Days
Average Weekday Traffic	6,861	2
Average Weekend Traffic	6,199	2
Average Daily Traffic (1)	6,530	4
Annual Average Daily Traffic (2)	5,300	

	Vehicle Speeds (mph)	
	Northbound	Southbound
Posted Speed Limit	50 mph	
Average	54 mph	57 mph
85th Percentile	59 mph	57 mph

	Vehicle Class Volumes	
	Total	Percentage
Passenger Vehicles (3)	21,121	80.9%
Single-Unit Trucks (4)	4,239	16.2%
Tractor-Trailer Trucks (5)	758	2.9%
<i>Total</i>	<i>26,118</i>	<i>100.0%</i>



Day Date	Vehicle Volumes		
	NB	SB	Total (7)
T 8/17/2017	3,393	3,207	6,600
F 8/18/2017	3,976	3,145	7,121
S 8/19/2017	3,185	3,004	6,189
S 8/20/2017	2,459	3,749	6,208
<i>Total</i>	<i>13,013</i>	<i>13,105</i>	<i>26,118</i>
<i>Average Daily</i>	<i>3,253</i>	<i>3,276</i>	<i>6,530</i>

Previous Traffic Counts (6)	
Year	AADT
2017	5,300
2015	4,800
2013	4,800
2010	4,700
2006	4,400
2005	5,200
2003	5,000

NOTES:

- (1) ADT is the unadjusted, average number of vehicles passing in both directions at a specified location of a roadway.
- (2) AADT is the average traffic volume in both directions on a section of road, adjusted for seasonal variation. Adjustment factors are released by VTrans a few months after the calendar year finishes. AADTs will then be calculated in late spring 2018.
- (3) Passenger vehicles includes motorcycles, passenger cars, pickup trucks and SUVs (FHWA Veh. Classes 1-3)
- (4) Single-unit trucks includes school buses, 2-axle, 3-axle and 4-axle trucks (FHWA 4-7)
- (5) Tractor-trailer truck includes heavy-duty vehicles with more than four axles (FHWA 8-13)
- (6) Historic data from both VTrans and SWCRPC traffic counting programs for same section of road (may not be exactly the same location).  
[http://www.ms2soft.com/tcds/?loc=Vtrans&mod=tcds&local\\_id=Y712](http://www.ms2soft.com/tcds/?loc=Vtrans&mod=tcds&local_id=Y712)



**Southern Windsor County Regional Planning Commission  
2017 Traffic Count Summary**

RPC ID: LUD108  
VTrans ID: Y732

Time Period: 08/17/2017 through 08/30/2017  
 Count ID: LUD108SPD/CLS  
 Town: Town of Ludlow  
 Road: VT-100N  
 Location: 1000 ft north of VT-103 (South of Rod and Gun Club Road)  
 GPS Coordinates: -72.70326 43.42327  
 Paved or unpaved? Paved  
[http://www.ms2soft.com/tcds/?loc=Vtrans&mod=tcds&local\\_id=Y732](http://www.ms2soft.com/tcds/?loc=Vtrans&mod=tcds&local_id=Y732)

Northbound (top) and southbound (bottom) from count



Traffic Summary	Vehicles	No of Days
Average Weekday Traffic	3,098	10
Average Weekend Traffic	3,784	4
Average Daily Traffic (1)	3,294	14
Annual Average Daily Traffic (2)	2,800	

	Vehicle Speeds (mph)	
	Northbound	Southbound
Posted Speed Limit	40 mph	
Average	40 mph	44 mph
85th Percentile	44 mph	49 mph

	Vehicle Class Volumes	
	Total	Percentage
Passenger Vehicles (3)	40,303	87.4%
Single-Unit Trucks (4)	5,356	11.6%
Tractor-Trailer Trucks (5)	458	1.0%
<i>Total</i>	<i>46,117</i>	<i>100.0%</i>



Day Date	Vehicle Volumes		
	NB	SB	Total (7)
T 8/17/2017	1,712	1,746	3,458
F 8/18/2017	1,835	1,498	3,333
S 8/19/2017	2,083	2,030	4,113
S 8/20/2017	1,715	2,156	3,871
M 8/21/2017	1,571	1,617	3,188
T 8/22/2017	1,512	1,513	3,025
W 8/23/2017	1,580	1,539	3,119
T 8/24/2017	1,665	1,578	3,243
F 8/25/2017	1,992	1,639	3,631
S 8/26/2017	1,934	1,847	3,781
S 8/27/2017	1,482	1,890	3,372
M 8/28/2017	1,351	1,362	2,713
T 8/29/2017	1,278	1,316	2,594
W 8/30/2017	1,329	1,347	2,676
<i>Total</i>	<i>23,039</i>	<i>23,078</i>	<i>46,117</i>
<i>Average Daily</i>	<i>1,646</i>	<i>1,648</i>	<i>3,294</i>

Previous Traffic Counts (6)	
Year	AADT
2017	2,800
2015	3,000
2013	2,800
2010	3,000
2007	2,900
2006	3,200
2005	2,900

NOTES:

- (1) ADT is the unadjusted, average number of vehicles passing in both directions at a specified location of a roadway.
- (2) AADT is the average traffic volume in both directions on a section of road, adjusted for seasonal variation. Adjustment factors are released by VTrans a few months after the calendar year finishes. AADTs will then be calculated in late spring 2018.
- (3) Passenger vehicles includes motorcycles, passenger cars, pickup trucks and SUVs (FHWA Veh. Classes 1-3)
- (4) Single-unit trucks includes school buses, 2-axle, 3-axle and 4-axle trucks (FHWA 4-7)
- (5) Tractor-trailer truck includes heavy-duty vehicles with more than four axles (FHWA 8-13)
- (6) Historic data from both VTrans and SWCRPC traffic counting programs for same section of road (may not be exactly the same location).  
[http://www.ms2soft.com/tcds/?loc=Vtrans&mod=tcds&local\\_id=Y732](http://www.ms2soft.com/tcds/?loc=Vtrans&mod=tcds&local_id=Y732)

**Southern Windsor County Regional Planning Commission  
2017 Traffic Count Summary**

**RPC ID: LUD109  
VTrans ID: Y740**

Time Period: 09/09/2017 through 09/28/2017  
 Count ID: LUD109SPD/CLS  
 Town: Town of Ludlow  
 Road: High St (TH-4)  
 Location: 100 yards west of Gill Terrace (TH-312). In front of Black River Academy  
 GPS Coordinates: -72.69737 43.39712  
 Paved or unpaved? Paved  
[http://www.ms2soft.com/tcds/?loc=Vtrans&mod=tcds&local\\_id=Y740](http://www.ms2soft.com/tcds/?loc=Vtrans&mod=tcds&local_id=Y740)

Westbound (top) and eastbound (bottom) from count



Traffic Summary	Vehicles	No of Days
Average Weekday Traffic	879	14
Average Weekend Traffic	783	6
Average Daily Traffic (1)	850	20
Annual Average Daily Traffic (2)	800	

	Vehicle Speeds (mph)	
	Westbound	Eastbound
Posted Speed Limit	25 mph	
Average	26 mph	22 mph
85th Percentile	32 mph	28 mph

	Vehicle Class Volumes	
	Total	Percentage
Passenger Vehicles (3)	15,440	90.8%
Single-Unit Trucks (4)	1,474	8.7%
Tractor-Trailer Trucks (5)	91	0.5%
<b>Total</b>	<b>17,005</b>	<b>100.0%</b>



Day Date	Vehicle Volumes		
	WB	EB	Total (7)
S 9/9/2017	592	188	780
S 9/10/2017	457	183	640
M 9/11/2017	606	243	849
T 9/12/2017	606	247	853
W 9/13/2017	460	209	669
T 9/14/2017	633	251	884
F 9/15/2017	876	283	1,159
S 9/16/2017	673	181	854
S 9/17/2017	538	206	744
M 9/18/2017	551	240	791
T 9/19/2017	586	217	803
W 9/20/2017	531	243	774
T 9/21/2017	736	307	1,043
F 9/22/2017	848	283	1,131
S 9/23/2017	678	247	925
S 9/24/2017	526	230	756
M 9/25/2017	609	263	872
T 9/26/2017	578	223	801
W 9/27/2017	579	229	808
T 9/28/2017	620	249	869
<b>Total</b>	<b>12,283</b>	<b>4,722</b>	<b>17,005</b>
<b>Average Daily</b>	<b>614</b>	<b>236</b>	<b>850</b>

Previous Traffic Counts (6)	
Year	AADT
2017	800
2015	600
2010	800
2007	900
2006	800
2005	800

**NOTES:**

- (1) ADT is the unadjusted, average number of vehicles passing in both directions at a specified location of a roadway.
- (2) AADT is the average traffic volume in both directions on a section of road, adjusted for seasonal variation. Adjustment factors are released by VTrans a few months after the calendar year finishes. AADTs will then be calculated in late spring 2018.
- (3) Passenger vehicles includes motorcycles, passenger cars, pickup trucks and SUVs (FHWA Veh. Classes 1-3)
- (4) Single-unit trucks includes school buses, 2-axle, 3-axle and 4-axle trucks (FHWA 4-7)
- (5) Tractor-trailer truck includes heavy-duty vehicles with more than four axles (FHWA 8-13)

(6) Historic data from both VTrans and SWCRPC traffic counting programs for same section of road (may not be exactly the same location).  
[http://www.ms2soft.com/tcds/?loc=Vtrans&mod=tcds&local\\_id=Y740](http://www.ms2soft.com/tcds/?loc=Vtrans&mod=tcds&local_id=Y740)

**Southern Windsor County Regional Planning Commission  
2017 Traffic Count Summary**

RPC ID: LUD110  
VTrans ID: Y213

Time Period: 08/17/2017 through 08/21/2017  
Count ID: LUD110SPD/CLS  
Town: Town of Ludlow  
Road: Dug Road  
Location: 50ft west of Prospect St (TH-306). At pull off

GPS Coordinates: -72.70535 43.40151  
Paved or unpaved? Paved  
[http://www.ms2soft.com/tcds/?loc=Vtrans&mod=tcds&local\\_id=Y213](http://www.ms2soft.com/tcds/?loc=Vtrans&mod=tcds&local_id=Y213)

Northbound (top) and southbound (bottom) from count



Traffic Summary	Vehicles	No of Days
Average Weekday Traffic	580	3
Average Weekend Traffic	568	2
Average Daily Traffic (1)	575	5
Annual Average Daily Traffic (2)	500	

	Vehicle Speeds (mph)	
	Northbound	Southbound
Posted Speed Limit	25 mph	
Average	33 mph	N/A
85th Percentile	38 mph	N/A

	Vehicle Class Volumes	
	Total	Percentage
Passenger Vehicles (3)	2,794	97.1%
Single-Unit Trucks (4)	72	2.5%
Tractor-Trailer Trucks (5)	10	0.3%
<i>Total</i>	<i>2,876</i>	<i>100.0%</i>



Day Date	Vehicle Volumes		
	NB	SB	Total (7)
T 8/17/2017	556	One way traffic only	556
F 8/18/2017	668		668
S 8/19/2017	645		645
S 8/20/2017	490		490
M 8/21/2017	517		517
<i>Total</i>	<i>2,876</i>	<i>0</i>	<i>2,876</i>
<i>Average Daily</i>	<i>575</i>	<i>0</i>	<i>575</i>

Previous Traffic Counts (6)	
Year	AADT
2017	500
2015	400
2010	400
2007	500
2006	500
1993	500
1978	700

NOTES:

- (1) ADT is the unadjusted, average number of vehicles passing in both directions at a specified location of a roadway.
- (2) AADT is the average traffic volume in both directions on a section of road, adjusted for seasonal variation. Adjustment factors are released by VTrans a few months after the calendar year finishes. AADTs will then be calculated in late spring 2018.
- (3) Passenger vehicles includes motorcycles, passenger cars, pickup trucks and SUVs (FHWA Veh. Classes 1-3)
- (4) Single-unit trucks includes school buses, 2-axle, 3-axle and 4-axle trucks (FHWA 4-7)
- (5) Tractor-trailer truck includes heavy-duty vehicles with more than four axles (FHWA 8-13)
- (6) Historic data from both VTrans and SWCRPC traffic counting programs for same section of road (may not be exactly the same location).  
[http://www.ms2soft.com/tcds/?loc=Vtrans&mod=tcds&local\\_id=Y213](http://www.ms2soft.com/tcds/?loc=Vtrans&mod=tcds&local_id=Y213)

**Southern Windsor County Regional Planning Commission  
2017 Traffic Count Summary**

RPC ID: WIN120  
VTrans ID: Y340 and YXA

Time Period: 09/09/2017 through 07/27/2017  
 Count ID: WIN120CLS/SPD  
 Town: Town of Windsor  
 Road: US-5  
 Location: 400ft north of Ruth Carney Dr (TH-77). On pole 6-127-105.  
 GPS Coordinates: -72.40378 43.51644  
 Paved or unpaved? Paved  
[http://www.ms2soft.com/tcds/?loc=Vtrans&mod=tcds&local\\_id=Y340](http://www.ms2soft.com/tcds/?loc=Vtrans&mod=tcds&local_id=Y340)

Northbound (top) and southbound (bottom) from count



Traffic Summary	Vehicles	No of Days
Average Weekday Traffic	5,743	13
Average Weekend Traffic	4,883	6
Average Daily Traffic (1)	5,472	19
Annual Average Daily Traffic (2)	5,200	

	Vehicle Speeds (mph)	
	Northbound	Southbound
Posted Speed Limit	50 mph	
Average	49 mph	44 mph
85th Percentile	54 mph	49 mph

	Vehicle Class Volumes	
	Total	Percentage
Passenger Vehicles (3)	91,234	87.8%
Single-Unit Trucks (4)	11,643	11.2%
Tractor-Trailer Trucks (5)	1,086	1.0%
<b>Total</b>	<b>103,963</b>	<b>100.0%</b>

Day Date	Vehicle Volumes		
	NB	SB	Total (7)
S 9/9/2017	2,309	2,195	4,504
S 9/10/2017	2,647	2,985	5,632
M 9/11/2017	2,770	2,674	5,444
T 9/12/2017	2,802	2,795	5,597
W 9/13/2017	2,907	2,860	5,767
T 9/14/2017	2,917	2,845	5,762
F 9/15/2017	3,158	3,157	6,315
S 9/16/2017	2,362	2,253	4,615
S 9/17/2017	2,021	2,092	4,113
M 9/18/2017	2,733	2,693	5,426
T 9/19/2017	2,736	2,713	5,449
W 9/20/2017	2,867	2,799	5,666
T 9/21/2017	3,005	2,939	5,944
F 9/22/2017	3,229	3,160	6,389
S 9/23/2017	2,728	2,711	5,439
S 9/24/2017	2,554	2,442	4,996
M 9/25/2017	2,745	2,647	5,392
T 9/26/2017	2,859	2,862	5,721
W 9/27/2017	2,895	2,897	5,792
<b>Total</b>	<b>52,244</b>	<b>51,719</b>	<b>103,963</b>
<b>Average Daily</b>	<b>2,750</b>	<b>2,722</b>	<b>5,472</b>

Previous Traffic Counts (6)		
Year	AADT	
2017	5,200	Y340
2015	4,300	Y107
2014	5,600	YXAN
2011	4,800	Y340
2010	4,600	Y107
2008	4,200	Y107
2006	4,400	Y107
2004	4,700	Y107
2002	4,600	Y107
2000	3,700	Y107
1996	4,000	Y107
1988	4,300	Y107

Y340 and YXAN - just north of Ruth Carney  
 Y107 - just south of Ruth Carney Drive

NOTES:

- (1) ADT is the unadjusted, average number of vehicles passing in both directions at a specified location of a roadway.
- (2) AADT is the average traffic volume in both directions on a section of road, adjusted for seasonal variation. Adjustment factors are released by VTrans a few months after the calendar year finishes. AADTs will then be calculated in late spring 2018.
- (3) Passenger vehicles includes motorcycles, passenger cars, pickup trucks and SUVs (FHWA Veh. Classes 1-3)
- (4) Single-unit trucks includes school buses, 2-axle, 3-axle and 4-axle trucks (FHWA 4-7)

(5) Tractor-trailer truck includes heavy-duty vehicles with more than four axles (FHWA 8-13)  
 (6) Historic data from both VTrans and SWCRPC traffic counting programs for same section of road (may not be exactly the same location).  
[http://www.ms2soft.com/tcds/?loc=Vtrans&mod=tcds&local\\_id=Y340](http://www.ms2soft.com/tcds/?loc=Vtrans&mod=tcds&local_id=Y340)  
[http://www.ms2soft.com/tcds/?loc=Vtrans&mod=tcds&local\\_id=Y107](http://www.ms2soft.com/tcds/?loc=Vtrans&mod=tcds&local_id=Y107)  
[http://www.ms2soft.com/tcds/?loc=Vtrans&mod=tcds&local\\_id=YXAN](http://www.ms2soft.com/tcds/?loc=Vtrans&mod=tcds&local_id=YXAN)

**Southern Windsor County Regional Planning Commission  
2017 Traffic Count Summary**

RPC ID: WIN121  
VTrans ID: YXRL and YXAL

Time Period: 08/02/2017 through 08/14/2017  
Count ID: WIN121SPD/CLS  
Town: Town of Windsor  
Road: Ruth Carney Drive (TH-77)  
Location: 350ft south of US-5

GPS Coordinates: -72.40362 43.51452  
Paved or unpaved? Paved  
Hyperlink not yet available

Northbound (top) and southbound (bottom) from count



Traffic Summary	Vehicles	No of Days
Average Weekday Traffic	988	6
Average Weekend Traffic	1,322	2
Average Daily Traffic (1)	1,071	8
Annual Average Daily Traffic (2)	Not yet available	

	Vehicle Speeds (mph)	
	Northbound	Southbound
Posted Speed Limit	Unknown	
Average	26 mph	22 mph
85th Percentile	32 mph	27 mph

	Vehicle Class Volumes	
	Total	Percentage
Passenger Vehicles (3)	7,665	89.4%
Single-Unit Trucks (4)	767	8.9%
Tractor-Trailer Trucks (5)	139	1.6%
<b>Total</b>	<b>8,571</b>	<b>100.0%</b>



Day Date	Vehicle Volumes		
	NB	SB	Total (7)
W 8/2/2017	365	370	735
T 8/3/2017	505	523	1,028
F 8/4/2017			
S 8/5/2017			
S 8/6/2017			
M 8/7/2017			
T 8/8/2017			
W 8/9/2017	409	423	832
T 8/10/2017	513	521	1,034
F 8/11/2017	769	804	1,573
S 8/12/2017	542	1,052	1,594
S 8/13/2017	530	520	1,050
M 8/14/2017	358	367	725
<b>Total</b>	<b>3,991</b>	<b>4,580</b>	<b>8,571</b>
<b>Average Daily</b>	<b>499</b>	<b>573</b>	<b>1,071</b>

Previous Traffic Counts (6)	
Year	AADT
2017	850
2014	740
2011	490

\*Harpoon point to point bicycling event

NOTES:

- (1) ADT is the unadjusted, average number of vehicles passing in both directions at a specified location of a roadway.
- (2) AADT is the average traffic volume in both directions on a section of road, adjusted for seasonal variation. Adjustment factors are released by VTrans a few months after the calendar year finishes. AADTs will then be calculated in late spring 2018.
- (3) Passenger vehicles includes motorcycles, passenger cars, pickup trucks and SUVs (FHWA Veh. Classes 1-3)
- (4) Single-unit trucks includes school buses, 2-axle, 3-axle and 4-axle trucks (FHWA 4-7)
- (5) Tractor-trailer truck includes heavy-duty vehicles with more than four axles (FHWA 8-13)
- (6) Historic data from both VTrans and SWCRPC traffic counting programs for same section of road (may not be exactly the same location).

[http://www.ms2soft.com/tcds/?loc=Vtrans&mod=tcds&local\\_id=YXRL](http://www.ms2soft.com/tcds/?loc=Vtrans&mod=tcds&local_id=YXRL)  
[http://www.ms2soft.com/tcds/?loc=Vtrans&mod=tcds&local\\_id=YXAP](http://www.ms2soft.com/tcds/?loc=Vtrans&mod=tcds&local_id=YXAP)

**Southern Windsor County Regional Planning Commission  
2017 Traffic Count Summary**

RPC ID: WIN121  
VTrans ID: YXRL and YXAP

Time Period: 09/09/2017 through 09/28/2017 \*  
Count ID: WIN121SPD/CLS  
Town: Town of Windsor  
Road: Ruth Carney Drive (TH-77)  
Location: 350ft south of US-5

GPS Coordinates: -72.40362 43.51452  
Paved or unpaved? Paved  
[http://www.ms2soft.com/tcds/?loc=Vtrans&mod=tcds&local\\_id=YXRL](http://www.ms2soft.com/tcds/?loc=Vtrans&mod=tcds&local_id=YXRL)

Northbound (top) and southbound (bottom) from count



Traffic Summary	Vehicles	No of Days
Average Weekday Traffic	728	14
Average Weekend Traffic*	910	4
Average Daily Traffic (1) *	768	18
Annual Average Daily Traffic (2)	850	

	Vehicle Speeds (mph)	
	Northbound	Southbound
Posted Speed Limit	Unknown	
Average	26 mph	25 mph
85th Percentile	30 mph	29 mph

	Vehicle Class Volumes	
	Total	Percentage
Passenger Vehicles (3)	15,518	89.3%
Single-Unit Trucks (4)	1,587	9.1%
Tractor-Trailer Trucks (5)	386	2.2%
<b>Total</b>	<b>17,491</b>	<b>100.7%</b>



Day Date	Vehicle Volumes		
	NB	SB	Total (7) *
S 9/9/2017	444	436	880
S 9/10/2017	1,187	1,484	2,671
M 9/11/2017	287	290	577
T 9/12/2017	315	313	628
W 9/13/2017	322	329	651
T 9/14/2017	433	438	871
F 9/15/2017	562	575	1,137
S 9/16/2017	466	466	932
S 9/17/2017	356	356	712
M 9/18/2017	276	281	557
T 9/19/2017	264	275	539
W 9/20/2017	310	313	623
T 9/21/2017	434	313	747
F 9/22/2017	535	544	1,079
S 9/23/2017	573	575	1,148
S 9/24/2017	426	421	847
M 9/25/2017	309	320	629
T 9/26/2017	305	310	615
W 9/27/2017	334	334	668
T 9/28/2017	428	439	867
<b>Total</b>	<b>8,566</b>	<b>8,812</b>	<b>17,378</b>
<b>Average Daily</b>	<b>476</b>	<b>490</b>	<b>965</b>

Previous Traffic Counts (6)	
Year	AADT
2017	850
2014	740
2011	490

\* Vermont Mac and Cheese Challenge - 9/9 and 9/10 are excluded from the totals

NOTES:

(1) ADT is the unadjusted, average number of vehicles passing in both directions at a specified location of a roadway.

(2) AADT is the average traffic volume in both directions on a section of road, adjusted for seasonal variation. Adjustment factors are released by VTrans a few months after the calendar year finishes. AADTs will then be calculated in late spring 2018.

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

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

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

(6) Historic data from both VTrans and SWCRPC traffic counting programs for same section of road (may not be exactly the same location).

[http://www.ms2soft.com/tcds/?loc=Vtrans&mod=tcds&local\\_id=YXRL](http://www.ms2soft.com/tcds/?loc=Vtrans&mod=tcds&local_id=YXRL)  
[http://www.ms2soft.com/tcds/?loc=Vtrans&mod=tcds&local\\_id=YXAP](http://www.ms2soft.com/tcds/?loc=Vtrans&mod=tcds&local_id=YXAP)

**Southern Windsor County Regional Planning Commission  
2017 Traffic Count Summary**

RPC ID: WW207  
VTrans ID: YZPQ

Time Period: 07/08/2017 through 07/30/2017  
 Count ID: WW207CLS/SPD  
 Town: Town of West Windsor  
 Road: Hotel Road (TH-59)  
 Location: 1,200ft west of Ski Tow Road (TH-2). At east end of building 223 (Fitness Center).  
 GPS Coordinates: -72.46632 43.46644  
 Paved or unpaved? Paved  
[http://www.ms2soft.com/tcds/?loc=Vtrans&mod=tcds&local\\_id=YZPQ](http://www.ms2soft.com/tcds/?loc=Vtrans&mod=tcds&local_id=YZPQ)

Westbound (top) and eastbound (bottom) from count



Traffic Summary	Vehicles	No of Days
Average Weekday Traffic	492	15
Average Weekend Traffic	559	8
Average Daily Traffic (1)	516	23
Annual Average Daily Traffic (2)	500	

	Vehicle Speeds (mph)	
	Westbound	Eastbound
Posted Speed Limit	25 mph	
Average	26 mph	25 mph
85th Percentile	30 mph	29 mph

	Vehicle Class Volumes	
	Total	Percentage
Passenger Vehicles (3)	10,489	88.5%
Single-Unit Trucks (4)	1,284	10.8%
Tractor-Trailer Trucks (5)	85	0.7%
<b>Total</b>	<b>11,858</b>	<b>100.0%</b>



Day Date	Vehicle Volumes		
	WB	EB	Total (7)
S 7/8/2017	229	251	480
S 7/9/2017	252	246	498
M 7/10/2017	210	218	428
T 7/11/2017	210	198	408
W 7/12/2017	237	248	485
T 7/13/2017	232	239	471
F 7/14/2017	311	282	593
S 7/15/2017	306	325	631
S 7/16/2017	278	294	572
M 7/17/2017	231	240	471
T 7/18/2017	245	245	490
W 7/19/2017	242	257	499
T 7/20/2017	217	220	437
F 7/21/2017	264	271	535
S 7/22/2017	261	262	523
S 7/23/2017	229	240	469
M 7/24/2017	233	213	446
T 7/25/2017	232	241	473
W 7/26/2017	238	250	488
T 7/27/2017	276	284	560
F 7/28/2017	313	287	600
S 7/29/2017	353	374	727
S 7/30/2017	264	310	574
<b>Total</b>	<b>5,863</b>	<b>5,995</b>	<b>11,858</b>
<b>Average Daily</b>	<b>255</b>	<b>261</b>	<b>516</b>

Previous Traffic Counts	
Year	AADT
None available	

- NOTES:
- (1) ADT is the unadjusted, average number of vehicles passing in both directions at a specified location of a roadway.
  - (2) AADT is the average traffic volume in both directions on a section of road, adjusted for seasonal variation. Adjustment factors are released by VTrans a few months after the calendar year finishes. AADTs will then be calculated in late spring 2018.
  - (3) Passenger vehicles includes motorcycles, passenger cars, pickup trucks and SUVs (FHWA Veh. Classes 1-3)
  - (4) Single-unit trucks includes school buses, 2-axle, 3-axle and 4-axle trucks (FHWA 4-7)
  - (5) Tractor-trailer truck includes heavy-duty vehicles with more than four axles (FHWA 8-13)

**Southern Windsor County Regional Planning Commission  
2017 Traffic Count Summary**

RPC ID: WEA208  
VTrans ID: YZPR

Time Period: 08/02/2017 through 08/14/2017  
 Count ID: WW208CLS/SPD  
 Town: Town of West Windsor  
 Road: Coaching Lane (TH-40)  
 Location: 1,250ft south of VT-11. Just south of house 220. On pole 433-6.  
 GPS Coordinates: -72.48643 43.45737  
 Paved or unpaved? Unpaved  
[http://www.ms2soft.com/tcds/?loc=Vtrans&mod=tcds&local\\_id=YZPR](http://www.ms2soft.com/tcds/?loc=Vtrans&mod=tcds&local_id=YZPR)

Northbound (top) and southbound (bottom) from count



Traffic Summary	Vehicles	No of Days
Average Weekday Traffic	115	9
Average Weekend Traffic	125	4
Average Daily Traffic (1)	118	13
Annual Average Daily Traffic (2)	110	

	Vehicle Speeds (mph)	
	Northbound	Southbound
Posted Speed Limit	25 mph	
Average	28 mph	28 mph
85th Percentile	33 mph	33 mph

	Vehicle Class Volumes	
	Total	Percentage
Passenger Vehicles (3)	1,401	91.0%
Single-Unit Trucks (4)	196	12.7%
Tractor-Trailer Trucks (5)	35	2.3%
<b>Total</b>	<b>1,632</b>	<b>106.0%</b>

Day Date	Vehicle Volumes		
	NB	SB	Total (7)
W 8/2/2017	53	52	105
T 8/3/2017	55	56	111
F 8/4/2017	58	57	115
S 8/5/2017	57	56	113
S 8/6/2017	59	61	120
M 8/7/2017	62	59	121
T 8/8/2017	69	72	141
W 8/9/2017	59	58	117
T 8/10/2017	57	57	114
F 8/11/2017	54	57	111
S 8/12/2017	72	69	141
S 8/13/2017	65	62	127
M 8/14/2017	55	49	104
<b>Total</b>	<b>775</b>	<b>765</b>	<b>1,540</b>
<b>Average Daily</b>	<b>60</b>	<b>59</b>	<b>118</b>

Previous Traffic Counts (6)	
Year	AADT
None available	

- NOTES:
- (1) ADT is the unadjusted, average number of vehicles passing in both directions at a specified location of a roadway.
  - (2) AADT is the average traffic volume in both directions on a section of road, adjusted for seasonal variation. Adjustment factors are released by VTrans a few months after the calendar year finishes. AADTs will then be calculated in late spring 2018.
  - (3) Passenger vehicles includes motorcycles, passenger cars, pickup trucks and SUVs (FHWA Veh. Classes 1-3)
  - (4) Single-unit trucks includes school buses, 2-axle, 3-axle and 4-axle trucks (FHWA 4-7)
  - (5) Tractor-trailer truck includes heavy-duty vehicles with more than four axles (FHWA 8-13)



**Southern Windsor County Regional Planning Commission  
2017 Traffic Count Summary**

RPC ID: WW209  
VTrans ID: Y353

Time Period: 07/12/2017 through 07/30/2017  
Count ID: WW209CLS/SPD  
Town: Town of West Windsor  
Road: Hartland Brownsville Road (TH-1)  
Location: 1,900ft south of Sheddsville Rd (TH-3).  
Just south of house 637.

GPS Coordinates: -72.47289 43.4765  
Paved or unpaved? Paved  
[http://www.ms2soft.com/tcds/?loc=Vtrans&mod=tcds&local\\_id=Y353](http://www.ms2soft.com/tcds/?loc=Vtrans&mod=tcds&local_id=Y353)

Northbound (top) and southbound (bottom) from count



Traffic Summary	Vehicles	No of Days
Average Weekday Traffic	1,065	13
Average Weekend Traffic	1,101	6
Average Daily Traffic (1)	1,076	19
Annual Average Daily Traffic (2)	900	

	Vehicle Speeds (mph)	
	Northbound	Southbound
Posted Speed Limit	40 mph	
Average	41 mph	39 mph
85th Percentile	47 mph	44 mph

	Vehicle Class Volumes	
	Total	Percentage
Passenger Vehicles (3)	19,088	93.3%
Single-Unit Trucks (4)	1,125	5.5%
Tractor-Trailer Trucks (5)	235	1.1%
<b>Total</b>	<b>20,448</b>	<b>100.0%</b>



Day Date	Vehicle Volumes		
	NB	SB	Total (7)
W 7/12/2017	518	533	1,051
T 7/13/2017	522	477	999
F 7/14/2017	781	704	1,485
S 7/15/2017	806	621	1,427
S 7/16/2017	649	789	1,438
M 7/17/2017	546	507	1,053
T 7/18/2017	524	540	1,064
W 7/19/2017	555	534	1,089
T 7/20/2017	530	541	1,071
F 7/21/2017	527	561	1,088
S 7/22/2017	480	463	943
S 7/23/2017	438	470	908
M 7/24/2017	451	448	899
T 7/25/2017	490	474	964
W 7/26/2017	550	497	1,047
T 7/27/2017	501	462	963
F 7/28/2017	539	533	1,072
S 7/29/2017	537	487	1,024
S 7/30/2017	421	442	863
<b>Total</b>	<b>10,365</b>	<b>10,083</b>	<b>20,448</b>
<b>Average Daily</b>	<b>546</b>	<b>531</b>	<b>1,076</b>

Previous Traffic Counts (6)	
Year	AADT
2017	900
2016	950
2011	990
2009	960
2007	1,000
2006	1,000
2005	970
1996	1,120
1978	600

NOTES:

- (1) ADT is the unadjusted, average number of vehicles passing in both directions at a specified location of a roadway.
- (2) AADT is the average traffic volume in both directions on a section of road, adjusted for seasonal variation. Adjustment factors are released by VTrans a few months after the calendar year finishes. AADTs will then be calculated in late spring 2018.
- (3) Passenger vehicles includes motorcycles, passenger cars, pickup trucks and SUVs (FHWA Veh. Classes 1-3)
- (4) Single-unit trucks includes school buses, 2-axle, 3-axle and 4-axle trucks (FHWA 4-7)
- (5) Tractor-trailer truck includes heavy-duty vehicles with more than four axles (FHWA 8-13)

(6) Historic data from both VTrans and SWCRPC traffic counting programs for same section of road (may not be exactly the same location).

More current and historic counts: [http://www.ms2soft.com/tcds/?loc=Vtrans&mod=tcds&local\\_id=Y353](http://www.ms2soft.com/tcds/?loc=Vtrans&mod=tcds&local_id=Y353)

**Southern Windsor County Regional Planning Commission  
2017 Traffic Count Summary**

RPC ID: WW210  
VTrans ID: YXBM

Time Period: 07/11/2017 through 07/30/2017  
Count ID: WW210CLS/SPD  
Town: Town of West Windsor  
Road: Bible Hill Road (TH-30)  
Location: 1,700ft south of Jewett Rd (TH-29). On pole 29-37.

GPS Coordinates: -72.48852 43.47164  
Paved or unpaved? Unpaved  
[http://www.ms2soft.com/tcds/?loc=Vtrans&mod=tcds&local\\_id=YXBM](http://www.ms2soft.com/tcds/?loc=Vtrans&mod=tcds&local_id=YXBM)

Northbound (top) and southbound (bottom) from count



Traffic Summary	Vehicles	No of Days
Average Weekday Traffic	141	14
Average Weekend Traffic	133	6
Average Daily Traffic (1)	139	20
Annual Average Daily Traffic (2)	Not yet available	

	Vehicle Speeds (mph)	
	Northbound	Southbound
Posted Speed Limit	30 mph	
Average	29 mph	30 mph
85th Percentile	35 mph	35 mph

	Vehicle Class Volumes	
	Total	Percentage
Passenger Vehicles (3)	2,608	94.0%
Single-Unit Trucks (4)	131	4.7%
Tractor-Trailer Trucks (5)	36	1.3%
<b>Total</b>	<b>2,775</b>	<b>100.0%</b>



Day Date	Vehicle Volumes		
	NB	SB	Total (7)
T 7/11/2017	65	65	130
W 7/12/2017	76	66	142
T 7/13/2017	57	63	120
F 7/14/2017	92	97	189
S 7/15/2017	75	72	147
S 7/16/2017	66	81	147
M 7/17/2017	82	82	164
T 7/18/2017	78	79	157
W 7/19/2017	75	76	151
T 7/20/2017	75	65	140
F 7/21/2017	73	64	137
S 7/22/2017	78	60	138
S 7/23/2017	46	45	91
M 7/24/2017	49	52	101
T 7/25/2017	52	57	109
W 7/26/2017	73	80	153
T 7/27/2017	76	66	142
F 7/28/2017	70	70	140
S 7/29/2017	85	82	167
S 7/30/2017	57	53	110
<b>Total</b>	<b>1,400</b>	<b>1,375</b>	<b>2,775</b>
<b>Average Daily</b>	<b>70</b>	<b>69</b>	<b>139</b>

Previous Traffic Counts (6)	
Year	AADT
2017	Not available
2016	100
2010	120

NOTES:

- (1) ADT is the unadjusted, average number of vehicles passing in both directions at a specified location of a roadway.
- (2) AADT is the average traffic volume in both directions on a section of road, adjusted for seasonal variation. Adjustment factors are released by VTrans a few months after the calendar year finishes. AADTs will then be calculated in late spring 2018.
- (3) Passenger vehicles includes motorcycles, passenger cars, pickup trucks and SUVs (FHWA Veh. Classes 1-3)
- (4) Single-unit trucks includes school buses, 2-axle, 3-axle and 4-axle trucks (FHWA 4-7)
- (5) Tractor-trailer truck includes heavy-duty vehicles with more than four axles (FHWA 8-13)

(6) Historic data from both VTrans and SWCRPC traffic counting programs for same section of road (may not be exactly the same location).  
More current and historic counts: [http://www.ms2soft.com/tcds/?loc=Vtrans&mod=tcds&local\\_id=YXBM](http://www.ms2soft.com/tcds/?loc=Vtrans&mod=tcds&local_id=YXBM)

**Southern Windsor County Regional Planning Commission  
2017 Traffic Count Summary**

**RPC ID: WW211  
VTrans ID: YZPS**

Time Period: 07/11/2017 through 07/30/2017  
 Count ID: WW211CLS/SPD  
 Town: Town of West Windsor  
 Road: Harrington Road (TH-36)  
 Location: 250ft east of Bible Hill Rd (TH-30). Near Prudent Living. On pole 2-2, 436, 8-2.  
 GPS Coordinates: -72.48952 43.46192  
 Paved or unpaved? Unpaved  
[http://www.ms2soft.com/tcds/?loc=Vtrans&mod=tcds&local\\_id=YZPS](http://www.ms2soft.com/tcds/?loc=Vtrans&mod=tcds&local_id=YZPS)

Westbound (top) and eastbound (bottom) from count



Traffic Summary	Vehicles	No of Days
Average Weekday Traffic	129	14
Average Weekend Traffic	110	6
Average Daily Traffic (1)	123	20
Annual Average Daily Traffic (2)	110	

	Vehicle Speeds (mph)	
	Westbound	Eastbound
Posted Speed Limit	30 mph	
Average	28 mph	25 mph
85th Percentile	33 mph	29 mph

	Vehicle Class Volumes	
	Total	Percentage
Passenger Vehicles (3)	2,204	89.6%
Single-Unit Trucks (4)	221	9.0%
Tractor-Trailer Trucks (5)	34	1.4%
<b>Total</b>	<b>2,459</b>	<b>100.0%</b>



Day Date	Vehicle Volumes		
	WB	EB	Total (7)
T 7/11/2017	64	64	128
W 7/12/2017	63	71	134
T 7/13/2017	67	62	129
F 7/14/2017	69	62	131
S 7/15/2017	57	57	114
S 7/16/2017	40	52	92
M 7/17/2017	76	70	146
T 7/18/2017	66	63	129
W 7/19/2017	70	75	145
T 7/20/2017	63	60	123
F 7/21/2017	83	61	144
S 7/22/2017	84	67	151
S 7/23/2017	43	54	97
M 7/24/2017	49	56	105
T 7/25/2017	59	45	104
W 7/26/2017	58	61	119
T 7/27/2017	65	54	119
F 7/28/2017	74	71	145
S 7/29/2017	61	56	117
S 7/30/2017	41	46	87
<b>Total</b>	<b>1,252</b>	<b>1,207</b>	<b>2,459</b>
<b>Average Daily</b>	<b>63</b>	<b>60</b>	<b>123</b>

Previous Traffic Counts	
Year	AADT
None available	

**NOTES:**

- (1) ADT is the unadjusted, average number of vehicles passing in both directions at a specified location of a roadway.
- (2) AADT is the average traffic volume in both directions on a section of road, adjusted for seasonal variation. Adjustment factors are released by VTrans a few months after the calendar year finishes. AADTs will then be calculated in late spring 2018.
- (3) Passenger vehicles includes motorcycles, passenger cars, pickup trucks and SUVs (FHWA Veh. Classes 1-3)
- (4) Single-unit trucks includes school buses, 2-axle, 3-axle and 4-axle trucks (FHWA 4-7)
- (5) Tractor-trailer truck includes heavy-duty vehicles with more than four axles (FHWA 8-13)

**Southern Windsor County Regional Planning Commission  
2017 Traffic Count Summary**

RPC ID: SPR212  
VTrans ID: YZPO

Time Period: 06/01/2017 through 06/19/2017  
 Count ID: SPR212CLS/SPD  
 Town: Town of Springfield  
 Road: Recycle Road (TH-786) (Road to Transfer Station)  
 Location: 200ft south of Fairground Road (TH-742/ TH-29)  
 GPS Coordinates: -72.50638 43.31726  
 Paved or unpaved? Paved  
[http://www.ms2soft.com/tcds/?loc=Vtrans&mod=tcds&local\\_id=YZPO](http://www.ms2soft.com/tcds/?loc=Vtrans&mod=tcds&local_id=YZPO)

Northbound (top) and southbound (bottom) from count



**Average daily visitors to Recycle Center on days open\***

Saturday	555
Monday	205
Wednesday	374

\* Uses outbound traffic volumes where free-flowing traffic gets better data

Traffic Summary	Vehicles	No of Days
Average Weekday Traffic	169	12
Average Weekend Traffic	522	6
Average Daily Traffic (1)	287	18
Annual Average Daily Traffic (2)	500	

	Vehicle Class Volumes	
	Total	Percentage
Passenger Vehicles (3)	4,801	93.0%
Single-Unit Trucks (4)	348	6.7%
Tractor-Trailer Trucks (5)	13	0.3%
<b>Total</b>	<b>5,162</b>	<b>100.0%</b>



Day Date	Vehicle Volumes		
	NB (out)	SB (in)	Total (7)
T 6/1/2017	25	20	45
F 6/2/2017	20	19	39
S 6/3/2017	599	495	1,094
S 6/4/2017	23	21	44
M 6/5/2017	219	140	359
T 6/6/2017	2	0	2
W 6/7/2017			
T 6/8/2017	16	9	25
F 6/9/2017	29	27	56
S 6/10/2017	572	480	1,052
S 6/11/2017	11	11	22
M 6/12/2017	201	166	367
T 6/13/2017	15	12	27
W 6/14/2017	374	285	659
T 6/15/2017	27	24	51
F 6/16/2017	26	25	51
S 6/17/2017	493	409	902
S 6/18/2017	10	10	20
M 6/19/2017	194	153	347
<b>Total</b>	<b>2,856</b>	<b>2,306</b>	<b>5,162</b>
<b>Average Daily</b>	<b>159</b>	<b>128</b>	<b>287</b>

Previous Traffic Counts (6)	
Year	AADT
None available	

NOTES:

- (1) ADT is the unadjusted, average number of vehicles passing in both directions at a specified location of a roadway.
- (2) AADT is the average traffic volume in both directions on a section of road, adjusted for seasonal variation. Adjustment factors are released by VTrans a few months after the calendar year finishes. AADTs will then be calculated in late spring 2018.
- (3) Passenger vehicles includes motorcycles, passenger cars, pickup trucks and SUVs (FHWA Veh. Classes 1-3)
- (4) Single-unit trucks includes school buses, 2-axle, 3-axle and 4-axle trucks (FHWA 4-7)
- (5) Tractor-trailer truck includes heavy-duty vehicles with more than four axles (FHWA 8-13)
- (6) Historic data from both VTrans and SWCRPC traffic counting programs for same section of road (may not be exactly the same location).

**Southern Windsor County Regional Planning Commission  
2017 Traffic Count Summary**

RPC ID: SPR213  
VTrans ID: YZPP

Time Period: 06/01/2017 through 06/19/2017  
Count ID: SPR213CLS/SPD  
Town: Town of Springfield  
Road: Cutler Rd (TH-9)  
Location: 550ft west of Chester Rd (VT-11) (60ft east of bridge)

GPS Coordinates: -72.52162 43.29198

Paved or unpaved? Paved

[http://www.ms2soft.com/tcds/?loc=Vtrans&mod=tcds&local\\_id=YZPP](http://www.ms2soft.com/tcds/?loc=Vtrans&mod=tcds&local_id=YZPP)

Westbound (top) and eastbound (bottom) from count



Traffic Summary	Vehicles	No of Days
Average Weekday Traffic	353	13
Average Weekend Traffic	305	6
Average Daily Traffic (1)	338	19
Annual Average Daily Traffic (2)	300	

Day Date	Vehicle Volumes		
	WB	EB	Total (7)
T 6/1/2017	181	163	344
F 6/2/2017	198	190	388
S 6/3/2017	149	149	298
S 6/4/2017	111	119	230
M 6/5/2017	157	146	303
T 6/6/2017	162	137	299
W 6/7/2017	207	199	406
T 6/8/2017	204	157	361
F 6/9/2017	210	177	387
S 6/10/2017	211	190	401
S 6/11/2017	162	144	306
M 6/12/2017	195	168	363
T 6/13/2017	201	192	393
W 6/14/2017	180	156	336
T 6/15/2017	169	161	330
F 6/16/2017	180	175	355
S 6/17/2017	172	162	334
S 6/18/2017	141	117	258
M 6/19/2017	178	152	330
<b>Total</b>	<b>3,368</b>	<b>3,054</b>	<b>6,422</b>
<b>Average Daily</b>	<b>177</b>	<b>161</b>	<b>338</b>

Previous Traffic Counts (6)	
Year	AADT
None available	

NOTES:

- (1) ADT is the unadjusted, average number of vehicles passing in both directions at a specified location of a roadway.
- (2) AADT is the average traffic volume in both directions on a section of road, adjusted for seasonal variation. Adjustment factors are released by VTrans a few months after the calendar year finishes. AADTs will then be calculated in late spring 2018.
- (3) Passenger vehicles includes motorcycles, passenger cars, pickup trucks and SUVs (FHWA Veh. Classes 1-3)
- (4) Single-unit trucks includes school buses, 2-axle, 3-axle and 4-axle trucks (FHWA 4-7)
- (5) Tractor-trailer truck includes heavy-duty vehicles with more than four axles (FHWA 8-13)
- (6) Historic data from both VTrans and SWCRPC traffic counting programs for same section of road (may not be exactly the same location).

**Southern Windsor County Regional Planning Commission  
2017 Traffic Count Summary**

RPC ID: SPR214  
VTrans ID: YZAY

Time Period: 0601/2017 through 06/12/2017  
 Count ID: SPR214CLS/SPD  
 Town: Town of Springfield  
 Road: Union St (TH-361)  
 Location: 60ft south of Center St (TH-372)  
 GPS Coordinates: -72.48588 43.29413  
 Paved or unpaved? Paved  
[http://www.ms2soft.com/tcds/?loc=Vtrans&mod=tcds&local\\_id=YZAY](http://www.ms2soft.com/tcds/?loc=Vtrans&mod=tcds&local_id=YZAY)

Northbound (top) and southbound (bottom two) from count



Traffic Summary	Vehicles	No of Days
Average Weekday Traffic	4,955	8
Average Weekend Traffic	3,330	4
Average Daily Traffic (1)	4,413	12
Annual Average Daily Traffic (2)	4,000	

	Vehicle Speeds (mph)	
	Northbound	Southbound
Posted Speed Limit	25 mph	
Average	27 mph	28 mph
85th Percentile	30 mph	32 mph

	Vehicle Class Volumes	
	Total	Percentage
Passenger Vehicles (3)	49,303	93.1%
Single-Unit Trucks (4)	3,569	6.7%
Tractor-Trailer Trucks (5)	84	0.2%
<i>Total</i>	<i>52,956</i>	<i>100.0%</i>

Day Date	Vehicle Volumes		
	NB	SB	Total (7)
T 6/1/2017	2,649	2,629	5,278
F 6/2/2017	2,646	2,641	5,287
S 6/3/2017	1,835	1,777	3,612
S 6/4/2017	1,513	1,523	3,036
M 6/5/2017	2,294	2,369	4,663
T 6/6/2017	2,173	2,190	4,363
W 6/7/2017	2,517	2,521	5,038
T 6/8/2017	2,518	2,535	5,053
F 6/9/2017	2,554	2,644	5,198
S 6/10/2017	1,792	1,874	3,666
S 6/11/2017	1,491	1,515	3,006
M 6/12/2017	2,398	2,358	4,756
<i>Total</i>	<i>26,380</i>	<i>26,576</i>	<i>52,956</i>
<i>Average Daily</i>	<i>2,198</i>	<i>2,215</i>	<i>4,413</i>

Previous Traffic Counts (6)	
Year	AADT
2017	4,000
2014	4,300
2006	3,900

NOTES:

- (1) ADT is the unadjusted, average number of vehicles passing in both directions at a specified location of a roadway.
- (2) AADT is the average traffic volume in both directions on a section of road, adjusted for seasonal variation. Adjustment factors are released by VTrans a few months after the calendar year finishes. AADTs will then be calculated in late spring 2018.
- (3) Passenger vehicles includes motorcycles, passenger cars, pickup trucks and SUVs (FHWA Veh. Classes 1-3)
- (4) Single-unit trucks includes school buses, 2-axle, 3-axle and 4-axle trucks (FHWA 4-7)
- (5) Tractor-trailer truck includes heavy-duty vehicles with more than four axles (FHWA 8-13)
- (6) Historic data from both VTrans and SWCRPC traffic counting programs for same section of road (may not be exactly the same location).

More current and historic counts: [http://www.ms2soft.com/tcds/?loc=Vtrans&mod=tcds&local\\_id=YZAY](http://www.ms2soft.com/tcds/?loc=Vtrans&mod=tcds&local_id=YZAY)

**Southern Windsor County Regional Planning Commission  
2017 Traffic Count Summary**

RPC ID: SPR215  
VTrans ID: Near Y012

Time Period: 06/01/2017 through 06/19/2017  
Count ID: SPR215CLS/SPD  
Town: Town of Springfield  
Road: South St (TH-4)  
Location: 150ft south of Cheryl St (TH-398)  
GPS Coordinates: -72.4765 43.28475  
Paved or unpaved? Paved  
[http://www.ms2soft.com/tcds/?loc=Vtrans&mod=tcds&local\\_id=Y012](http://www.ms2soft.com/tcds/?loc=Vtrans&mod=tcds&local_id=Y012)

Northbound (top) and southbound (bottom) from count



Traffic Summary	Vehicles	No of Days
Average Weekday Traffic	2,838	13
Average Weekend Traffic	1,577	6
Average Daily Traffic (1)	2,440	19
Annual Average Daily Traffic (2)	2,100	

	Vehicle Speeds (mph)	
	Northbound	Southbound
Posted Speed Limit	25 mph	
Average	30 mph	29 mph
85th Percentile	34 mph	33 mph

	Vehicle Class Volumes	
	Total	Percentage
Passenger Vehicles (3)	43,329	93.5%
Single-Unit Trucks (4)	2,938	6.3%
Tractor-Trailer Trucks (5)	97	0.2%
<b>Total</b>	<b>46,364</b>	<b>100.0%</b>



Day Date	Vehicle Volumes		
	NB	SB	Total (7)
T 6/1/2017	1,518	1,702	3,220
F 6/2/2017	1,378	1,550	2,928
S 6/3/2017	703	844	1,547
S 6/4/2017	583	683	1,266
M 6/5/2017	1,295	1,407	2,702
T 6/6/2017	1,256	1,401	2,657
W 6/7/2017	1,485	1,632	3,117
T 6/8/2017	1,428	1,588	3,016
F 6/9/2017	1,430	1,610	3,040
S 6/10/2017	736	848	1,584
S 6/11/2017	612	726	1,338
M 6/12/2017	1,243	1,409	2,652
T 6/13/2017	1,257	1,413	2,670
W 6/14/2017	1,301	1,473	2,774
T 6/15/2017	1,361	1,545	2,906
F 6/16/2017	1,261	1,414	2,675
S 6/17/2017	1,027	1,251	2,278
S 6/18/2017	685	766	1,451
M 6/19/2017	1,179	1,364	2,543
<b>Total</b>	<b>21,738</b>	<b>24,626</b>	<b>46,364</b>
<b>Average Daily</b>	<b>1,144</b>	<b>1,296</b>	<b>2,440</b>

Previous Traffic Counts (6)	
Year	AADT
2017	2,100
2009	2,100
2005	1,300
2001	1,600

NOTES:

- (1) ADT is the unadjusted, average number of vehicles passing in both directions at a specified location of a roadway.
- (2) AADT is the average traffic volume in both directions on a section of road, adjusted for seasonal variation. Adjustment factors are released by VTrans a few months after the calendar year finishes. AADTs will then be calculated in late spring 2018.
- (3) Passenger vehicles includes motorcycles, passenger cars, pickup trucks and SUVs (FHWA Veh. Classes 1-3)
- (4) Single-unit trucks includes school buses, 2-axle, 3-axle and 4-axle trucks (FHWA 4-7)
- (5) Tractor-trailer truck includes heavy-duty vehicles with more than four axles (FHWA 8-13)
- (6) Historic data from both VTrans and SWCRPC traffic counting programs for same section of road (may not be exactly the same location).

More current and historic counts:  
[http://www.ms2soft.com/tcds/?loc=Vtrans&mod=tcds&local\\_id=Y012](http://www.ms2soft.com/tcds/?loc=Vtrans&mod=tcds&local_id=Y012)

**Southern Windsor County Regional Planning Commission  
2017 Traffic Count Summary**

RPC ID: WEA216  
VTrans ID: YZPT

Time Period: 08/02/2017 through 08/15/2017  
 Count ID: WEA216CLS/SPD  
 Town: Town of Weathersfield  
 Road: Wellwood Orchard Road (TH-62)  
 Location: 1,150ft west of Weathersfield Center Road (TH-1). On pole 4-4.  
 GPS Coordinates: -72.473188 43.35529  
 Paved or unpaved? Unpaved  
[http://www.ms2soft.com/tcds/?loc=Vtrans&mod=tcds&local\\_id=YZPT](http://www.ms2soft.com/tcds/?loc=Vtrans&mod=tcds&local_id=YZPT)

Westbound (top) and eastbound (bottom) from count



Traffic Summary	Vehicles	No of Days
Average Weekday Traffic	679	9
Average Weekend Traffic	513	4
Average Daily Traffic (1)	628	13
Annual Average Daily Traffic (2)	600	

	Vehicle Speeds (mph)	
	Westbound	Eastbound
Posted Speed Limit	30 mph	
Average	31 mph	28 mph
85th Percentile	36 mph	33 mph

	Vehicle Class Volumes	
	Total	Percentage
Passenger Vehicles (3)	7,121	87.3%
Single-Unit Trucks (4)	1,002	12.3%
Tractor-Trailer Trucks (5)	37	0.5%
<i>Total</i>	<i>8,160</i>	<i>100.0%</i>



Day Date	Vehicle Volumes		
	WB	EB	Total (7)
W 8/2/2017	363	347	710
T 8/3/2017	311	301	612
F 8/4/2017	373	342	715
S 8/5/2017	230	222	452
S 8/6/2017	265	262	527
M 8/7/2017	322	311	633
T 8/8/2017	335	313	648
W 8/9/2017	349	348	697
T 8/10/2017	325	320	645
F 8/11/2017	402	342	744
S 8/12/2017	299	262	561
S 8/13/2017	254	258	512
M 8/14/2017	361	343	704
<i>Total</i>	<i>4,189</i>	<i>3,971</i>	<i>8,160</i>
<i>Average Daily</i>	<i>322</i>	<i>305</i>	<i>628</i>

Previous Traffic Counts (6)	
Year	AADT
None available	

NOTES:

- (1) ADT is the unadjusted, average number of vehicles passing in both directions at a specified location of a roadway.
- (2) AADT is the average traffic volume in both directions on a section of road, adjusted for seasonal variation. Adjustment factors are released by VTrans a few months after the calendar year finishes. AADTs will then be calculated in late spring 2018.
- (3) Passenger vehicles includes motorcycles, passenger cars, pickup trucks and SUVs (FHWA Veh. Classes 1-3)
- (4) Single-unit trucks includes school buses, 2-axle, 3-axle and 4-axle trucks (FHWA 4-7)
- (5) Tractor-trailer truck includes heavy-duty vehicles with more than four axles (FHWA 8-13)
- (6) Historic data from both VTrans and SWCRPC traffic counting programs for same section of road (may not be exactly the same location).