

TOWN OF HANOVER

MEMORANDUM 2019 SEP 24 AM 9:32

TOWN CLERK

TO: PREP Hanover Real Estate, LLC
c/o Mr. Lloyd W. Sova
Vice President – Development
PREP Property Group
5905 E. Galbraith Road, Suite 1000
Cincinnati, OH 45236

FROM: Mr. Jeffrey S. Dirk, P.E., PTOE, FITE
Partner
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Professional Engineer in CT, MA, ME, NH, RI and VA

JSD

7902

DATE: September 18, 2019

RE:

SUBJECT: Walnut Hill Neighborhood Baseline Traffic Conditions
Hanover, Massachusetts

Vanasse & Associates, Inc. (VAI) has completed the collection of baseline traffic volume and vehicle travel speed data within the Walnut Hill neighborhood of Hanover, Massachusetts. The purpose of this data collection effort is to establish an existing conditions baseline for the primary roadways within the neighborhood (Woodland Drive, Dillingham Way and Old Town Way) prior to the commencement of construction activities associated with the Hanover Crossing mixed-use development. This information will be used as a basis for subsequent monitoring activities to measure the change in traffic volumes, trip patterns and vehicle travel speeds within the Walnut Hill neighborhood that may result from planned future development in the area, including Hanover Crossing, as well as to document the effectiveness of any traffic calming improvements that may be implemented within the neighborhood.

BASELINE TRAFFIC VOLUMES

In order to establish baseline traffic volumes within the Walnut Hill neighborhood, automatic traffic recorder (ATR) counts were completed over a continuous 72-hour period (Thursday through Saturday, inclusive) on Woodland Drive west of Curtis Road and south of Berry Street in July 2019, and on Dillingham Way east and west of Old Town Way and on Old Town Way north of Judge Cotton Way in September 2019. The daily and peak-hour traffic volumes measured on the subject roadways in July/September 2019 are summarized in Table 1. We note that traffic volumes during the months of July and September are representative of “above-average” traffic volume conditions.



Table 1
2019 BASELINE TRAFFIC VOLUMES

Location/Peak Hour	AWT ^a	Saturday ^b	VPH ^c	K Factor ^d	Directional Distribution ^e
Woodland Drive					
<i>West of Curtis Road:</i>	3,430	2,895	--	--	--
Weekday Morning (8:00 – 9:00 AM)	--	--	200	5.8	59.0% EB
Weekday Evening (4:30 – 5:30 PM)	--	--	262	7.6	54.6% WB
Saturday Midday (11:45 AM– 12:45 PM)	--	--	286	9.9	50.7% WB
<i>South of Berry Street:</i>	1,470	1,065	--	--	--
Weekday Morning (8:00 – 9:00 AM)	--	--	91	6.2	50.5% SB
Weekday Evening (4:30 – 5:30 PM)	--	--	134	9.1	51.5% NB
Saturday Midday (11:45 AM– 12:45 PM)	--	--	108	10.1	56.5% NB
Dillingham Way					
<i>East of Old Town Way:</i>	1,700	1,770	--	--	--
Weekday Morning (8:00 – 9:00 AM)	--	--	94	5.5	66.0% EB
Weekday Evening (5:00 – 6:00 PM)	--	--	169	9.9	56.2% WB
Saturday Midday (11:15 AM– 12:15 PM)	--	--	174	9.8	51.7% EB
<i>West of Old Town Way:</i>	1,610	1,625	--	--	--
Weekday Morning (7:15 – 8:15 AM)	--	--	98	6.1	53.1% EB
Weekday Evening (4:30 – 5:30 PM)	--	--	179	11.1	55.3% WB
Saturday Midday (12:45 – 1:45 PM)	--	--	162	10.0	50.6% WB
Old Town Way					
<i>North of Judge Cotton Way:</i>	340	370	--	--	--
Weekday Morning (7:00 – 8:00 AM)	--	--	29	8.5	72.4% NB
Weekday Evening (5:00 – 6:00 PM)	--	--	28	8.2	50.0% NB/SB
Saturday Midday (1:00 – 2:00 PM)	--	--	31	8.4	51.6% SB

^aAverage weekday traffic in vehicles per day.

^bVehicles.

^cVehicles per hour.

^dPercent of daily traffic occurring during the peak hour.

^ePercent traveling in peak direction.

NB = northbound; SB = southbound; EB = eastbound; WB = westbound.

BASELINE VEHICLE TRAVEL SPEEDS

Vehicle travel speed measurements were performed on the study roadways in conjunction with the ATR counts. Table 2 summarizes the baseline vehicle travel speed measurements.



Table 2
2019 BASELINE VEHICLE TRAVEL SPEED MEASUREMENTS

	Woodland Drive		Dillingham Way		Old Town Way
	South of Berry Street	West of Curtis Road	East of Old Town Way	West of Old Town Way	North of Judge Cotton Way
	NB/SB	EB/WB	EB/WB	EB/WB	NB/SB
Mean Travel Speed (mph)	30/31	32/31	30/30	32/33	28/28
85 th Percentile Speed (mph)	35/34	36/35	33/34	35/36	32/33
Posted or Regulated Speed Limit (mph)	25/25	25/25	30/30	30/30	25/25

NB = northbound; SB = southbound; EB = eastbound; WB = westbound.
 mph = miles per hour.

SUMMARY

VAI has completed the collection of baseline traffic volume and vehicle travel speed data within the Walnut Hill neighborhood of Hanover, Massachusetts. The data collection effort was completed to establish an existing conditions baseline for the primary roadways within the neighborhood (Woodland Drive, Dillingham Way and Old Town Way) prior to the commencement of construction activities associated with the Hanover Crossing mixed-use development. This information will be used as a basis for subsequent monitoring activities to measure the change in traffic volumes, trip patterns and vehicle travel speeds within the Walnut Hill neighborhood that may result from planned future development in the area, including Hanover Crossing, as well as to document the effectiveness of any traffic calming improvements that may be implemented within the neighborhood.

cc: File

Attachments



Location : Woodland Drive
Location : South of Berry Street
City/State: Hanover, MA

7902VOL1

Start Time	7/11/2019 Thu	SB		Hour Totals		NB		Hour Totals		Combined Totals	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		0	9			0	17				
12:15		2	18			0	15				
12:30		0	14			1	26				
12:45		0	18	2	59	1	17	2	75	4	134
01:00		0	10			4	25				
01:15		0	16			0	15				
01:30		0	19			0	20				
01:45		0	13	0	58	0	17	4	77	4	135
02:00		0	5			0	16				
02:15		0	10			0	15				
02:30		0	8			0	19				
02:45		0	11	0	34	0	16	0	66	0	100
03:00		0	13			0	17				
03:15		0	17			0	21				
03:30		1	12			0	10				
03:45		0	11	1	53	0	12	0	60	1	113
04:00		0	12			0	15				
04:15		0	15			0	16				
04:30		0	15			0	15				
04:45		1	20	1	62	0	17	0	63	1	125
05:00		2	13			0	17				
05:15		2	18			3	22				
05:30		2	18			1	18				
05:45		3	13	9	62	4	10	8	67	17	129
06:00		0	10			4	9				
06:15		1	4			1	11				
06:30		1	13			0	12				
06:45		4	9	6	36	2	11	7	43	13	79
07:00		5	6			3	9				
07:15		3	10			6	10				
07:30		4	6			8	8				
07:45		11	6	23	28	9	8	26	35	49	63
08:00		11	6			6	3				
08:15		13	7			12	13				
08:30		9	5			11	10				
08:45		14	5	47	23	17	9	46	35	93	58
09:00		7	3			10	9				
09:15		12	4			11	7				
09:30		11	1			13	2				
09:45		12	3	42	11	8	3	42	21	84	32
10:00		13	0			12	4				
10:15		13	2			17	3				
10:30		12	0			14	1				
10:45		13	3	51	5	15	1	58	9	109	14
11:00		9	2			12	2				
11:15		13	0			9	1				
11:30		13	0			11	1				
11:45		21	0	56	2	19	0	51	4	107	6
Total		238	433			244	555			482	988
Percent		35.5%	64.5%			30.5%	69.5%			32.8%	67.2%

Accurate Counts
978-664-2565

Page 2

Location : Woodland Drive
Location : South of Berry Street
City/State: Hanover, MA

7902VOL1

Start Time	7/12/2019 Fri	SB		Hour Totals		NB		Hour Totals		Combined Totals	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		1	29			0	15				
12:15		0	18			0	30				
12:30		0	12			0	23				
12:45		0	16	1	75	0	20	0	88	1	163
01:00		0	15			0	20				
01:15		0	15			2	18				
01:30		0	17			0	23				
01:45		0	16	0	63	0	22	2	83	2	146
02:00		0	13			0	22				
02:15		0	16			0	15				
02:30		1	13			0	14				
02:45		0	11	1	53	13	20	13	71	14	124
03:00		0	16			1	17				
03:15		0	13			7	18				
03:30		1	25			0	21				
03:45		0	15	1	69	0	26	8	82	9	151
04:00		0	8			0	19				
04:15		0	14			1	22				
04:30		0	14			1	23				
04:45		1	11	1	47	0	19	2	83	3	130
05:00		2	14			0	15				
05:15		2	8			0	15				
05:30		2	10			40	20				
05:45		2	10	8	42	48	15	88	65	96	107
06:00		1	10			1	10				
06:15		1	14			3	17				
06:30		1	15			5	10				
06:45		2	7	5	46	2	12	11	49	16	95
07:00		1	9			2	10				
07:15		7	8			7	10				
07:30		7	7			5	11				
07:45		9	2	24	26	5	6	19	37	43	63
08:00		7	4			7	9				
08:15		4	3			6	6				
08:30		8	9			10	4				
08:45		9	3	28	19	8	6	31	25	59	44
09:00		8	5			14	4				
09:15		12	2			9	5				
09:30		8	3			11	8				
09:45		18	3	46	13	14	5	48	22	94	35
10:00		11	1			9	3				
10:15		9	2			10	6				
10:30		13	1			12	1				
10:45		11	1	44	5	12	2	43	12	87	17
11:00		9	1			8	3				
11:15		9	1			11	4				
11:30		15	4			12	1				
11:45		17	0	50	6	16	1	47	9	97	15
Total		209	464			312	626			521	1090
Percent		31.1%	68.9%			33.3%	66.7%			32.3%	67.7%

Location : Woodland Drive
Location : South of Berry Street
City/State: Hanover, MA

7902VOL1

Start Time	7/13/2019 Sat	SB		Hour Totals		NB		Hour Totals		Combined Totals	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		1	12			2	15				
12:15		0	14			0	18				
12:30		0	12			2	9				
12:45		0	12	1	50	2	19	6	61	7	111
01:00		0	15			2	17				
01:15		0	8			0	11				
01:30		0	5			0	8				
01:45		0	14	0	42	0	12	2	48	2	90
02:00		0	9			0	14				
02:15		0	5			0	15				
02:30		0	9			0	11				
02:45		0	14	0	37	0	13	0	53	0	90
03:00		0	10			0	17				
03:15		0	7			0	7				
03:30		1	7			0	10				
03:45		0	8	1	32	0	13	0	47	1	79
04:00		1	10			0	12				
04:15		0	5			0	8				
04:30		0	5			1	6				
04:45		0	8	1	28	2	12	3	38	4	66
05:00		0	6			0	3				
05:15		1	2			0	10				
05:30		0	7			1	7				
05:45		2	5	3	20	0	7	1	27	4	47
06:00		0	7			2	9				
06:15		2	10			0	7				
06:30		1	5			3	9				
06:45		6	8	9	30	2	12	7	37	16	67
07:00		0	5			3	7				
07:15		1	8			2	6				
07:30		6	7			3	7				
07:45		12	4	19	24	5	5	13	25	32	49
08:00		6	3			2	6				
08:15		6	3			3	9				
08:30		6	4			8	6				
08:45		7	6	25	16	12	6	25	27	50	43
09:00		11	2			8	5				
09:15		5	3			11	2				
09:30		17	0			4	1				
09:45		10	1	43	6	8	1	31	9	74	15
10:00		10	1			9	1				
10:15		13	0			15	2				
10:30		8	2			16	2				
10:45		15	1	46	4	12	4	52	9	98	13
11:00		10	1			16	2				
11:15		16	2			9	0				
11:30		6	0			10	3				
11:45		13	0	45	3	15	2	50	7	95	10
Total		193	292			190	388			383	680
Percent		39.8%	60.2%			32.9%	67.1%			36.0%	64.0%
Grand Total		640	1189			746	1569			1386	2758
Percent		35.0%	65.0%			32.2%	67.8%			33.4%	66.6%
ADT		ADT 1,381	AADT 1,381								

Accurate Counts
978-684-2565

Location : Woodland Drive
Location : South of Berry Street
City/State: Hanover, MA

7902VOL1

Start Time	7/8/2019		Tue		Wed		Thu		Fri		Sat		Sun		Week Average	
	SB	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB	NB
12:00 AM	*	*	*	*	*	*	2	2	1	0	1	6	*	*	1	3
01:00	*	*	*	*	*	*	0	4	0	2	0	2	*	*	0	3
02:00	*	*	*	*	*	*	0	0	1	13	0	0	*	*	0	4
03:00	*	*	*	*	*	*	1	0	1	8	1	0	*	*	1	3
04:00	*	*	*	*	*	*	1	0	1	2	1	3	*	*	1	2
05:00	*	*	*	*	*	*	9	8	8	88	3	1	*	*	7	32
06:00	*	*	*	*	*	*	6	7	5	11	9	7	*	*	7	8
07:00	*	*	*	*	*	*	23	26	24	19	19	13	*	*	22	19
08:00	*	*	*	*	*	*	47	46	28	31	25	25	*	*	33	34
09:00	*	*	*	*	*	*	42	42	46	48	43	31	*	*	44	40
10:00	*	*	*	*	*	*	51	58	44	43	46	52	*	*	47	51
11:00	*	*	*	*	*	*	56	51	50	47	45	50	*	*	50	49
12:00 PM	*	*	*	*	*	*	59	75	75	88	50	61	*	*	61	75
01:00	*	*	*	*	*	*	58	77	63	83	42	48	*	*	54	69
02:00	*	*	*	*	*	*	34	66	53	71	37	53	*	*	41	63
03:00	*	*	*	*	*	*	53	60	69	82	32	47	*	*	51	63
04:00	*	*	*	*	*	*	62	63	47	83	28	38	*	*	46	61
05:00	*	*	*	*	*	*	62	67	42	65	20	27	*	*	41	53
06:00	*	*	*	*	*	*	36	43	46	49	30	37	*	*	37	43
07:00	*	*	*	*	*	*	28	35	26	37	24	25	*	*	26	32
08:00	*	*	*	*	*	*	23	35	19	25	16	27	*	*	19	29
09:00	*	*	*	*	*	*	11	21	13	22	6	9	*	*	10	17
10:00	*	*	*	*	*	*	5	9	5	12	4	9	*	*	5	10
11:00	*	*	*	*	*	*	2	4	6	9	3	7	*	*	4	7
Lane	0	0	0	0	0	0	671	799	673	938	485	578	0	0	608	770
Day	0	0	0	0	0	0	1470	1470	1611	1611	1063	1063	0	0	1378	1378
AM Peak	-	-	-	-	-	-	11:00	10:00	11:00	05:00	10:00	10:00	-	-	11:00	10:00
Vol.	-	-	-	-	-	-	56	58	50	88	46	52	-	-	50	51
PM Peak	-	-	-	-	-	-	16:00	13:00	12:00	12:00	12:00	12:00	-	-	12:00	12:00
Vol.	-	-	-	-	-	-	62	77	75	88	50	61	-	-	61	75

Comb. Total 0 0 0 0 0 0 1470 1611 1063 1378

ADT ADT 1,381 AADT 1,381

Accurate Counts
978-864-2565

Location : Woodland Drive
Location : South of Berry Street
City/State: Hanover, MA

7902SPD1

SB

Start Time	1	3	4	6	7	9	10	12	13	15	16	18	19	21	22	24	25	27	28	30	31	33	34	36	37	39	40	Total
07/11/19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	2
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	4	0	2	2	1	0	0	0	0	9
06:00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	0	0	2	2	2	2	0	0	0	6
07:00	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	4	1	1	7	0	8	3	3	0	2	0	0	23
08:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	8	1	9	16	16	8	8	1	1	0	0	47
09:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	5	0	10	13	13	11	11	2	2	0	0	42
10:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	3	3	14	17	17	12	12	5	5	2	0	51
11:00	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	0	0	10	21	21	10	10	0	0	0	0	56
12 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	4	6	9	9	21	21	14	14	1	1	0	0	59
13:00	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	8	8	14	18	18	12	12	3	3	2	0	58
14:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	3	3	7	10	10	7	7	2	2	4	0	34
15:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	8	8	10	18	18	11	11	4	4	1	0	53
16:00	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	6	15	15	26	26	12	12	1	1	0	0	62
17:00	0	0	0	0	0	0	0	0	0	0	0	0	1	1	3	3	8	14	14	16	16	15	15	4	4	1	0	62
18:00	0	0	0	0	1	0	0	0	0	0	0	0	3	3	2	2	3	9	9	11	11	6	6	1	1	0	0	36
19:00	0	0	0	0	0	0	0	0	1	1	0	0	0	0	1	1	7	2	2	5	5	11	11	1	1	0	0	28
20:00	0	0	0	0	0	0	0	0	0	0	1	1	2	2	2	2	2	4	4	9	9	2	2	1	1	0	0	23
21:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	5	5	3	3	0	0	0	0	11
22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	1	1	0	0	0	0	1	0	5
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	2
Total	0	0	0	0	1	0	0	0	2	2	3	3	9	9	26	26	79	144	144	221	221	141	141	29	29	16	16	671

Daily

15th Percentile : 26 MPH
50th Percentile : 30 MPH
85th Percentile : 34 MPH
95th Percentile : 35 MPH

Mean Speed(Average) : 31 MPH
10 MPH Pace Speed : 27-36 MPH
Number in Pace : 532
Percent in Pace : 79.3%
Number of Vehicles > 30 MPH : 407
Percent of Vehicles > 30 MPH : 60.7%

Accurate Counts 978-864-2565

Location : Woodland Drive
Location : South of Berry Street
City/State: Hanover, MA

7902SPD1

SB

Start Time	1	4	7	10	13	16	19	22	25	28	31	34	37	40	Total
07/13/19	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
04:00	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
05:00	0	0	0	0	0	0	0	0	1	0	1	1	0	0	3
06:00	0	0	0	0	0	0	0	0	2	2	0	2	2	1	9
07:00	0	0	0	0	0	0	0	0	2	6	6	4	0	1	19
08:00	0	0	0	0	0	0	0	0	5	9	5	4	1	1	25
09:00	0	0	0	0	0	0	0	3	2	8	18	7	5	0	43
10:00	0	0	0	0	0	0	0	0	6	10	15	7	3	5	46
11:00	0	0	0	0	0	0	0	0	7	9	15	9	4	1	45
12 PM	0	0	0	0	0	0	0	0	5	15	14	10	5	1	50
13:00	0	0	0	0	0	0	0	2	4	9	16	9	2	0	42
14:00	0	0	0	0	0	0	1	2	4	12	9	5	3	1	37
15:00	0	0	0	0	0	0	0	0	5	10	9	4	4	0	32
16:00	0	0	0	0	0	0	0	2	2	7	11	3	3	0	28
17:00	0	0	0	0	0	0	1	2	4	8	2	2	0	1	20
18:00	0	0	0	0	0	0	0	2	1	11	8	7	1	0	30
19:00	0	0	0	0	1	0	1	0	2	7	8	5	0	0	24
20:00	0	0	0	0	0	0	3	2	1	3	6	1	0	0	16
21:00	0	0	0	0	0	0	0	0	0	0	4	2	0	0	6
22:00	0	0	0	0	0	0	1	0	2	0	0	1	0	0	4
23:00	0	0	0	0	0	0	0	1	0	1	0	1	0	0	3
Total	0	0	0	0	1	0	8	17	56	127	147	84	33	12	485

Daily

15th Percentile : 26 MPH
50th Percentile : 30 MPH
85th Percentile : 34 MPH
95th Percentile : 36 MPH

Mean Speed(Average) : 31 MPH
10 MPH Pace Speed : 27-36 MPH
Number in Pace : 377
Percent in Pace : 77.7%
Number of Vehicles > 30 MPH : 276
Percent of Vehicles > 30 MPH : 56.9%

Grand Total 0 0 0 2 2 3 7 22 71 197 442 577 347 120 39 1829

Overall

15th Percentile : 26 MPH
50th Percentile : 30 MPH
85th Percentile : 34 MPH
95th Percentile : 36 MPH

Mean Speed(Average) : 31 MPH
10 MPH Pace Speed : 27-36 MPH
Number in Pace : 1432
Percent in Pace : 78.3%
Number of Vehicles > 30 MPH : 1083
Percent of Vehicles > 30 MPH : 59.2%

Accurate Counts 978-664-2565

Location : Woodland Drive
Location : South of Berry Street
City/State: Hanover, MA

7902SPD1

NB

Start Time	1	4	7	10	13	16	19	22	25	28	31	34	37	40	Total
07/11/19	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2
01:00	0	0	0	0	0	0	0	1	0	2	1	0	0	0	4
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	0	0	0	0	0	0	1	2	1	3	1	0	0	8
06:00	0	0	0	0	0	0	0	0	1	2	3	1	0	0	7
07:00	0	0	0	0	0	0	0	1	3	8	6	4	4	0	26
08:00	0	0	0	0	0	0	0	3	9	6	12	10	4	2	48
09:00	0	0	0	0	0	1	0	2	8	9	11	5	3	3	42
10:00	0	0	0	0	0	1	0	2	6	18	13	15	4	0	58
11:00	0	0	0	0	0	0	0	5	7	7	18	9	5	0	51
12 PM	0	0	0	0	1	1	1	3	15	13	14	16	10	1	75
13:00	0	0	0	0	0	0	0	2	0	17	30	18	8	2	77
14:00	0	0	0	0	0	0	1	2	10	10	17	14	9	3	66
15:00	0	0	0	1	2	0	1	4	3	10	17	14	5	3	60
16:00	0	0	0	0	0	0	0	2	4	22	16	10	6	3	63
17:00	0	0	0	0	0	1	1	7	4	23	13	9	6	3	67
18:00	0	0	0	0	0	1	0	0	9	12	7	6	6	2	43
19:00	0	0	0	0	1	1	0	1	4	11	7	10	0	0	35
20:00	0	0	0	0	0	1	0	0	5	8	7	11	1	2	35
21:00	0	0	0	0	0	0	1	2	1	1	7	8	0	1	21
22:00	0	0	0	0	0	0	0	0	0	1	1	3	3	1	9
23:00	0	0	0	0	0	1	0	1	0	0	2	0	0	0	4
Total	0	0	0	1	4	7	5	39	91	181	205	164	76	26	799

15th Percentile : 25 MPH
50th Percentile : 30 MPH
85th Percentile : 35 MPH
95th Percentile : 37 MPH

Mean Speed(Average) : 31 MPH
10 MPH Pace Speed : 27-36 MPH

Number in Pace : 580
Percent in Pace : 72.6%
Number of Vehicles > 30 MPH : 471
Percent of Vehicles > 30 MPH : 58.9%

Accurate Counts
978-864-2565

Location : Woodland Drive
Location : South of Berry Street
City/State: Hanover, MA

7902SPD1

NB		1	4	7	10	13	16	19	22	25	28	31	34	37	40	Total
Start Time		3	6	9	12	15	18	21	24	27	30	33	36	39	999	
07/12/19		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00		0	0	0	0	0	0	0	0	2	0	0	0	0	0	2
02:00		0	0	0	6	6	1	0	0	0	0	0	0	0	0	13
03:00		0	0	0	6	1	1	0	0	0	0	0	0	0	0	8
04:00		0	0	0	0	0	0	0	1	0	1	0	0	0	0	2
05:00		0	0	1	46	30	5	1	1	0	2	1	1	0	0	88
06:00		0	0	0	0	0	0	0	0	4	2	4	0	1	0	11
07:00		0	0	0	0	0	0	0	0	2	1	10	1	3	2	19
08:00		0	0	0	0	0	0	0	1	3	6	5	8	5	3	31
09:00		0	0	0	0	1	0	1	0	5	11	18	6	4	2	48
10:00		0	0	0	0	0	0	0	3	2	6	13	8	8	2	43
11:00		0	0	0	0	0	0	1	0	8	10	8	13	5	2	47
12 PM		0	0	0	0	0	0	0	0	8	22	24	16	12	4	88
13:00		0	0	0	1	1	1	0	3	8	13	31	18	4	4	83
14:00		0	0	0	1	0	0	1	1	3	8	22	25	9	1	71
15:00		0	0	0	0	0	0	0	3	15	23	16	12	9	4	82
16:00		0	0	0	0	0	0	0	1	6	19	27	14	9	7	83
17:00		0	0	0	0	0	0	1	1	10	12	23	12	4	2	65
18:00		0	0	0	0	0	0	0	0	3	13	13	10	6	4	49
19:00		0	0	0	0	0	0	0	4	5	16	5	4	2	1	37
20:00		0	0	0	0	0	1	0	4	2	7	6	4	1	0	25
21:00		0	0	0	0	0	0	0	1	1	6	8	2	2	2	22
22:00		0	0	0	0	0	0	0	0	1	2	4	3	1	0	12
23:00		0	0	0	0	0	1	0	1	1	0	2	3	0	1	9
Total		0	0	1	61	39	11	5	26	89	180	240	160	85	41	938

Daily

15th Percentile : 23 MPH
50th Percentile : 30 MPH
85th Percentile : 35 MPH
95th Percentile : 37 MPH

Mean Speed(Average) : 29 MPH
10 MPH Pace Speed : 27-36 MPH
Number in Pace : 610
Percent in Pace : 65.0%
Number of Vehicles > 30 MPH : 526
Percent of Vehicles > 30 MPH : 56.1%

Accurate Counts
978-664-2565

Location : Woodland Drive
Location : South of Berry Street
City/State: Hanover, MA

7902SPDI

NB

Start Time	1	3	4	6	7	9	10	12	13	15	16	18	19	21	22	24	25	28	31	34	37	40	Total
07/13/19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	3	1	6
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	2
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	2	0	0	3
05:00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
06:00	0	0	0	0	0	0	0	0	0	0	2	0	0	0	1	0	0	1	1	2	0	0	7
07:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	1	2	0	13
08:00	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	0	7	8	6	1	1	25
09:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	6	8	5	5	2	31
10:00	0	0	0	0	0	0	1	0	0	0	0	0	1	0	2	0	6	12	13	11	5	1	52
11:00	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	4	11	14	17	2	0	50
12 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	5	10	19	16	9	0	61
13:00	0	0	0	0	0	0	0	0	1	0	1	0	0	0	1	0	2	7	11	13	10	2	48
14:00	0	0	0	0	0	0	0	0	1	0	0	0	1	1	3	0	8	14	18	2	2	2	53
15:00	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	2	9	15	10	7	0	47
16:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	11	11	10	1	0	38
17:00	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	6	5	8	3	2	0	27
18:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	4	12	10	10	0	0	37
19:00	0	0	0	0	0	0	1	0	0	0	0	0	0	0	3	0	3	6	4	5	2	1	25
20:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	8	4	9	1	0	27
21:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	2	0	2	0	9
22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	4	0	1	1	9
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	2	2	1	1	7
Total	0	0	0	0	0	0	2	2	3	3	3	3	7	7	20	58	132	153	132	132	56	12	578

Daily

15th Percentile : 26 MPH
50th Percentile : 31 MPH
85th Percentile : 35 MPH
95th Percentile : 37 MPH

Mean Speed(Average) : 31 MPH
10 MPH Pace Speed : 27-36 MPH
Number in Pace : 436
Percent in Pace : 75.4%
Number of Vehicles > 30 MPH : 353
Percent of Vehicles > 30 MPH : 61.1%

Grand Total 0 0 0 0 1 64 46 21 17 85 238 493 598 456 217 79 2315

Overall

15th Percentile : 25 MPH
50th Percentile : 30 MPH
85th Percentile : 35 MPH
95th Percentile : 37 MPH

Mean Speed(Average) : 30 MPH
10 MPH Pace Speed : 27-36 MPH
Number in Pace : 1626
Percent in Pace : 70.2%
Number of Vehicles > 30 MPH : 1350
Percent of Vehicles > 30 MPH : 58.3%

Accurate Counts
978-664-2565

Location : Woodland Drive
Location : South of Berry Street
City/State: Hanover, MA

7902SPDI

SB_NB	1	4	7	10	13	16	19	22	25	28	31	34	37	40	Total
Start Time	3	6	9	12	15	18	21	24	27	30	33	36	39	999	
07/11/19	0	0	0	0	0	0	0	0	0	2	0	0	2	0	4
01:00	0	0	0	0	0	0	0	1	0	2	1	0	0	0	4
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
04:00	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
05:00	0	0	0	0	0	0	0	3	2	5	5	2	0	0	17
06:00	0	0	0	0	1	0	0	0	2	2	5	3	0	0	13
07:00	0	0	0	0	0	0	1	2	4	15	14	7	6	0	49
08:00	0	0	0	0	0	0	0	7	17	15	28	18	5	3	93
09:00	0	0	0	0	0	1	0	3	13	19	24	16	5	3	84
10:00	0	0	0	0	0	0	0	4	9	32	30	27	5	2	109
11:00	0	0	0	0	0	1	0	6	15	17	39	19	10	0	107
12 PM	0	0	0	0	1	1	1	7	21	22	35	30	11	5	134
13:00	0	0	0	0	0	1	0	2	8	31	48	30	11	4	135
14:00	0	0	0	0	0	0	1	3	13	17	27	21	11	7	100
15:00	0	0	0	1	2	0	1	5	11	20	35	25	9	4	113
16:00	0	0	0	0	0	0	2	2	10	37	42	22	7	3	125
17:00	0	0	0	0	0	1	2	10	12	37	29	24	10	4	129
18:00	0	0	1	0	0	1	3	2	12	21	18	12	7	2	79
19:00	0	0	0	0	2	1	0	2	11	13	12	21	1	0	63
20:00	0	0	0	0	0	2	2	2	7	12	16	13	2	2	58
21:00	0	0	0	0	0	0	1	3	2	2	12	11	0	1	32
22:00	0	0	0	0	0	0	0	0	1	3	2	3	3	2	14
23:00	0	0	0	0	0	1	0	1	0	0	4	0	0	0	6
Total	0	0	1	1	6	10	14	65	170	325	426	305	105	42	1470

Daily

15th Percentile : 26 MPH
50th Percentile : 30 MPH
85th Percentile : 34 MPH
95th Percentile : 36 MPH

Mean Speed(Average) : 31 MPH
10 MPH Pace Speed : 27-36 MPH
Number in Pace : 1113
Percent in Pace : 75.7%
Number of Vehicles > 30 MPH : 878
Percent of Vehicles > 30 MPH : 59.7%

Accurate Counts 978-684-2565

Location : Woodland Drive
Location : South of Berry Street
City/State: Hanover, MA

7902SPD1

SB, NB

Start Time	1	3	4	6	7	9	10	12	13	15	16	18	19	21	22	24	25	27	28	30	31	33	34	36	37	39	40	Total
07/12/19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	2
02:00	0	0	0	0	0	0	6	6	6	6	1	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	14
03:00	0	0	0	0	0	0	6	6	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	9
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	0	0	0	1	0	0	0	0	3
05:00	0	0	0	0	1	1	46	46	30	30	5	5	1	1	2	2	1	1	5	4	4	4	1	1	0	0	0	96
06:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	4	4	1	5	5	1	1	1	0	16	
07:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	5	5	7	7	12	12	9	9	5	2	43	
08:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	4	4	15	15	14	14	11	11	8	4	59	
09:00	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0	9	8	18	17	34	34	19	19	9	2	94	
10:00	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	4	8	8	17	25	25	13	13	15	15	4	87	
11:00	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	13	13	22	22	25	25	22	22	12	2	97	
12 PM	0	0	0	0	1	1	1	1	0	0	1	1	0	0	3	3	14	14	32	32	52	52	36	36	19	4	163	
13:00	0	0	0	0	0	0	1	1	1	1	0	0	0	0	5	5	18	18	29	29	50	31	31	6	6	5	146	
14:00	0	0	0	0	0	0	1	1	0	0	0	0	1	1	6	6	5	5	28	35	37	37	24	24	10	1	124	
15:00	0	0	0	0	0	0	1	1	0	0	0	0	1	1	6	6	18	18	44	44	37	37	24	24	14	6	151	
16:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	9	9	33	33	43	43	19	19	16	9	130	
17:00	0	0	0	0	0	0	0	0	0	0	1	1	2	2	3	3	13	13	21	21	39	18	18	6	6	4	107	
18:00	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	2	6	6	23	23	28	28	18	18	13	4	95	
19:00	0	0	0	0	0	0	0	0	0	0	1	1	2	2	6	5	10	10	21	21	11	11	8	3	3	1	63	
20:00	0	0	0	0	0	0	0	0	0	0	2	2	0	0	5	5	4	4	12	12	13	5	5	2	2	1	44	
21:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	5	5	11	11	12	2	2	2	2	2	35	
22:00	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	1	2	2	4	4	5	5	3	3	1	0	17	
23:00	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	1	1	1	3	3	4	4	4	4	0	1	15	
Total	0	0	0	0	2	2	63	63	39	39	15	15	10	10	54	54	151	151	351	351	449	282	282	143	52	1611		

Daily

15th Percentile : 25 MPH
50th Percentile : 30 MPH
85th Percentile : 35 MPH
95th Percentile : 37 MPH

Mean Speed(Average) : 30 MPH
10 MPH Pace Speed : 27-36 MPH
Number in Pace : 1132

Percent in Pace : 70.3%
Number of Vehicles > 30 MPH : 926
Percent of Vehicles > 30 MPH : 57.5%

Accurate Counts
978-664-2565

Page 1

Location : Woodland Drive
Location : West of Curtis Road
City/State: Hanover, MA

7902VOL2

Start Time	7/11/2019 Thu	WB		Hour Totals		EB		Hour Totals		Combined Totals	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		2	36			1	30				
12:15		3	48			0	41				
12:30		2	46			1	29				
12:45		1	34	8	164	1	41	3	141	11	305
01:00		2	36			0	35				
01:15		0	27			0	36				
01:30		0	40			1	34				
01:45		1	48	3	151	0	27	1	132	4	283
02:00		1	35			0	32				
02:15		2	33			0	21				
02:30		0	26			0	16				
02:45		0	27	3	121	0	35	0	104	3	225
03:00		0	32			0	32				
03:15		0	46			0	41				
03:30		0	26			0	23				
03:45		0	38	0	142	2	23	2	119	2	261
04:00		0	35			0	29				
04:15		0	31			1	38				
04:30		1	40			5	31				
04:45		0	23	1	129	2	41	8	139	9	268
05:00		1	31			11	29				
05:15		2	49			10	32				
05:30		2	34			9	38				
05:45		5	31	10	145	16	30	46	129	56	274
06:00		5	27			11	23				
06:15		2	32			6	22				
06:30		2	23			11	26				
06:45		4	17	13	99	9	18	37	89	50	188
07:00		5	30			15	14				
07:15		10	16			12	30				
07:30		16	23			13	21				
07:45		13	21	44	90	30	20	70	85	114	175
08:00		12	18			24	20				
08:15		20	26			38	19				
08:30		16	27			35	8				
08:45		35	18	83	89	51	11	148	58	231	147
09:00		21	22			30	5				
09:15		21	14			24	12				
09:30		21	10			32	4				
09:45		22	10	85	56	33	5	119	26	204	82
10:00		23	10			24	2				
10:15		27	9			30	11				
10:30		26	7			23	1				
10:45		24	6	100	32	33	4	110	18	210	50
11:00		22	1			31	3				
11:15		27	2			30	2				
11:30		28	4			31	3				
11:45		36	2	113	9	53	0	145	8	258	17
Total		463	1227			689	1048			1152	2275
Percent		27.4%	72.6%			39.7%	60.3%			33.6%	66.4%

Location : Woodland Drive
Location : West of Curtis Road
City/State: Hanover, MA

7902VOL2

Start Time	7/12/2019 Fri	WB		Hour Totals		EB		Hour Totals		Combined Totals	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		2	35			1	51				
12:15		2	52			0	45				
12:30		2	43			2	44				
12:45		0	41	6	171	0	34	3	174	9	345
01:00		2	38			0	26				
01:15		1	38			2	39				
01:30		1	49			0	45				
01:45		0	35	4	160	0	43	2	153	6	313
02:00		1	44			0	35				
02:15		1	35			0	38				
02:30		1	35			0	29				
02:45		5	34	8	148	0	34	0	136	8	284
03:00		0	38			1	31				
03:15		0	41			2	35				
03:30		0	44			2	54				
03:45		0	59	0	182	1	41	6	161	6	343
04:00		0	51			0	43				
04:15		0	53			2	36				
04:30		0	52			4	32				
04:45		1	43	1	199	7	54	13	165	14	364
05:00		0	33			12	39				
05:15		1	44			8	24				
05:30		0	37			32	30				
05:45		4	25	5	139	58	22	110	115	115	254
06:00		4	38			14	19				
06:15		4	30			5	30				
06:30		6	24			6	27				
06:45		2	22	16	114	8	20	33	96	49	210
07:00		6	20			8	20				
07:15		5	27			22	18				
07:30		11	27			21	14				
07:45		11	16	33	90	19	20	70	72	103	162
08:00		10	23			19	12				
08:15		20	11			21	5				
08:30		21	22			41	19				
08:45		17	13	68	69	32	22	113	58	181	127
09:00		19	19			23	10				
09:15		14	17			30	14				
09:30		24	18			33	11				
09:45		23	9	80	63	34	4	120	39	200	102
10:00		21	17			32	13				
10:15		21	11			27	20				
10:30		20	9			26	1				
10:45		25	11	87	48	29	5	114	39	201	87
11:00		26	9			32	4				
11:15		27	10			33	3				
11:30		30	1			27	6				
11:45		26	2	109	22	35	0	127	13	236	35
Total		417	1405			711	1221			1128	2626
Percent		22.9%	77.1%			36.8%	63.2%			30.0%	70.0%

Accurate Counts
978-664-2565

Page 3

Location : Woodland Drive
Location : West of Curtis Road
City/State: Hanover, MA

7902VOL2

Start Time	7/13/2019 Sat	WB		Hour Totals		EB		Hour Totals		Combined Totals	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		3	45			4	30				
12:15		2	40			2	29				
12:30		5	24			1	37				
12:45		1	46	11	155	0	35	7	131	18	286
01:00		4	33			0	24				
01:15		1	30			0	27				
01:30		1	25			2	16				
01:45		0	32	6	120	0	42	2	109	8	229
02:00		0	28			0	25				
02:15		0	29			0	21				
02:30		0	16			0	29				
02:45		0	29	0	102	0	28	0	103	0	205
03:00		0	33			0	27				
03:15		0	22			0	20				
03:30		0	26			0	28				
03:45		1	22	1	103	0	31	0	106	1	209
04:00		0	23			2	27				
04:15		1	29			0	19				
04:30		0	20			0	26				
04:45		1	35	2	107	1	25	3	97	5	204
05:00		0	15			3	25				
05:15		2	17			2	12				
05:30		1	13			2	25				
05:45		3	17	6	62	7	24	14	86	20	148
06:00		2	21			8	17				
06:15		1	18			13	27				
06:30		3	19			5	21				
06:45		3	23	9	81	19	21	45	86	54	167
07:00		3	25			1	16				
07:15		1	15			14	21				
07:30		5	14			5	18				
07:45		8	12	17	66	33	12	53	67	70	133
08:00		6	15			24	7				
08:15		11	24			16	17				
08:30		11	16			14	12				
08:45		13	15	41	70	25	15	79	51	120	121
09:00		18	20			22	10				
09:15		19	14			27	13				
09:30		22	8			35	9				
09:45		21	6	80	48	25	3	109	35	189	83
10:00		27	7			30	4				
10:15		31	9			43	1				
10:30		34	7			36	5				
10:45		31	9	123	32	34	5	143	15	266	47
11:00		32	8			32	6				
11:15		21	8			47	1				
11:30		27	1			27	2				
11:45		38	7	118	24	53	1	159	10	277	34
Total		414	970			614	896			1028	1866
Percent		29.9%	70.1%			40.7%	59.3%			35.5%	64.5%
Grand Total		1294	3602			2014	3165			3308	6767
Percent		26.4%	73.6%			38.9%	61.1%			32.8%	67.2%
ADT		ADT 3,358	AADT 3,358								

Accurate Counts
978-684-2565

Location : Woodland Drive
Location : West of Curtis Road
City/State: Hanover, MA

7902VOL2

Start Time	7/8/2019		Tue		Wed		Thu		Fri		Sat		Sun		Week Average	
	WB	EB	WB	EB	WB	EB	WB	EB	WB	EB	WB	EB	WB	EB	WB	EB
12:00 AM	*	*	*	*	*	*	8	3	6	3	11	7	*	*	8	4
01:00	*	*	*	*	*	*	3	1	4	2	6	2	*	*	4	2
02:00	*	*	*	*	*	*	3	0	8	0	0	0	*	*	4	0
03:00	*	*	*	*	*	*	0	2	0	6	1	0	*	*	0	3
04:00	*	*	*	*	*	*	1	8	1	13	2	3	*	*	1	8
05:00	*	*	*	*	*	*	10	46	5	110	6	14	*	*	7	57
06:00	*	*	*	*	*	*	13	37	16	33	9	45	*	*	13	38
07:00	*	*	*	*	*	*	44	70	33	70	17	53	*	*	31	64
08:00	*	*	*	*	*	*	83	148	68	113	41	79	*	*	64	113
09:00	*	*	*	*	*	*	85	119	80	120	80	109	*	*	82	116
10:00	*	*	*	*	*	*	100	110	87	114	123	143	*	*	103	122
11:00	*	*	*	*	*	*	113	145	109	127	118	159	*	*	113	144
12:00 PM	*	*	*	*	*	*	164	141	171	174	155	131	*	*	163	149
01:00	*	*	*	*	*	*	151	132	160	153	120	109	*	*	144	131
02:00	*	*	*	*	*	*	121	104	148	136	102	103	*	*	124	114
03:00	*	*	*	*	*	*	142	119	182	161	103	106	*	*	142	129
04:00	*	*	*	*	*	*	129	139	199	165	107	97	*	*	145	134
05:00	*	*	*	*	*	*	145	129	139	115	62	86	*	*	115	110
06:00	*	*	*	*	*	*	99	89	114	96	81	86	*	*	98	90
07:00	*	*	*	*	*	*	90	85	90	72	66	67	*	*	82	75
08:00	*	*	*	*	*	*	89	58	69	58	70	51	*	*	76	56
09:00	*	*	*	*	*	*	56	26	63	39	48	35	*	*	56	33
10:00	*	*	*	*	*	*	32	18	48	39	32	15	*	*	37	24
11:00	*	*	*	*	*	*	9	8	22	13	24	10	*	*	18	10
Lane	0	0	0	0	0	0	1690	1737	1822	1932	1384	1510	0	0	1630	1726
Day	0	0	0	0	0	0	3427	3427	3754	3754	2894	2894	0	0	3356	3356
AM Peak Vol.	-	-	-	-	-	-	11:00	08:00	11:00	11:00	10:00	11:00	-	-	11:00	11:00
PM Peak Vol.	-	-	-	-	-	-	113	148	109	127	123	159	-	-	113	144
	-	-	-	-	-	-	12:00	12:00	16:00	12:00	12:00	12:00	-	-	12:00	12:00
	-	-	-	-	-	-	164	141	199	174	155	131	-	-	163	149

Comb. Total 0 0 0 0 0 0 3427 3754 2894 3356

ADT ADT 3,358 AADT 3,358

Accurate Counts
978-664-2565

Location : Woodland Drive
Location : West of Curtis Road
City/State: Hanover, MA

7902SPD2

WB

Start Time	1	3	4	6	7	9	10	12	13	15	16	18	19	21	22	24	25	28	31	34	36	37	39	40	Total
07/11/19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	3	1	1	0	0	2	8
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	1	3
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	0	0	0	0	3
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	5	1	1	1	1	0	0	10
06:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2	4	5	5	1	4	0	13
07:00	0	0	0	0	0	0	0	0	0	0	2	2	0	0	1	1	4	12	11	9	9	4	1	1	44
08:00	0	0	0	0	0	0	0	0	0	0	1	1	1	1	5	9	14	16	22	19	22	5	5	0	83
09:00	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	1	8	17	27	22	7	7	2	2	85
10:00	0	0	0	0	1	1	0	0	0	0	1	1	5	5	9	14	16	33	23	9	23	4	4	0	100
11:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	16	31	34	22	6	6	3	3	113
12 PM	0	0	0	0	0	0	0	0	0	0	0	0	1	1	5	5	17	25	52	43	16	16	5	5	164
13:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	20	42	44	26	26	14	14	1	151
14:00	0	0	0	0	0	0	0	0	0	0	1	1	0	0	3	3	11	21	40	27	27	13	5	5	121
15:00	0	0	0	0	0	0	0	0	1	1	2	2	1	1	11	11	12	29	40	29	15	15	2	2	142
16:00	0	0	0	0	0	0	0	0	0	0	1	1	1	1	5	5	11	31	35	29	10	10	6	6	129
17:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	6	11	29	52	32	12	12	3	3	145
18:00	0	0	0	0	0	0	0	0	2	2	0	0	0	0	5	5	8	19	32	19	13	13	1	1	99
19:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	9	21	31	21	5	5	1	1	90
20:00	0	0	0	0	0	0	0	0	1	1	0	0	0	0	4	4	6	29	28	14	2	2	4	4	89
21:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	3	16	22	9	9	3	3	0	56
22:00	0	0	0	0	0	0	0	0	0	0	0	0	1	1	4	4	8	5	6	4	4	3	3	1	32
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2	1	1	2	9
Total	0	0	0	0	1	1	2	2	4	4	9	9	11	11	71	71	174	387	511	344	344	136	40	40	1690

Daily
15th Percentile : 26 MPH
50th Percentile : 30 MPH
85th Percentile : 35 MPH
95th Percentile : 37 MPH

Mean Speed(Average) : 31 MPH
10 MPH Pace Speed : 27-36 MPH
Number in Pace : 1300
Percent in Pace : 76.9%
Number of Vehicles > 30 MPH : 1031
Percent of Vehicles > 30 MPH : 61.0%

Accurate Counts
978-664-2565

Location : Woodland Drive
Location : West of Curtis Road
City/State: Hanover, MA

7902SPD2

WB

Start Time	1	4	7	10	13	16	19	22	25	28	31	34	37	40	Total
Time	3	6	9	12	15	18	21	24	27	30	33	36	39	999	
07/12/19	0	0	0	0	0	0	0	0	0	2	1	3	0	0	6
01:00	0	0	0	0	0	0	0	0	0	1	2	1	0	0	4
02:00	0	0	0	0	0	2	1	0	1	2	1	1	0	0	8
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
05:00	0	0	0	0	0	0	0	0	0	1	2	1	1	0	5
06:00	0	0	0	0	0	0	0	0	0	6	4	6	0	0	16
07:00	0	0	0	0	0	0	0	0	2	6	14	7	4	0	33
08:00	0	0	0	0	1	0	0	3	6	20	21	8	8	1	68
09:00	0	0	0	0	0	0	0	1	7	17	30	18	5	2	80
10:00	0	0	0	0	0	1	1	0	6	17	32	17	6	7	87
11:00	0	0	0	0	0	0	0	0	11	26	33	22	13	4	109
12 PM	0	0	0	0	0	0	0	3	15	52	44	45	7	3	171
13:00	0	0	0	0	0	2	0	2	21	36	54	32	9	6	160
14:00	0	0	0	0	0	0	0	3	10	36	44	32	14	9	148
15:00	0	0	0	0	0	0	1	5	24	40	56	38	15	2	182
16:00	0	0	1	0	0	1	0	7	24	38	61	46	19	2	199
17:00	0	0	0	1	1	0	1	5	5	42	33	33	14	4	139
18:00	0	0	0	2	0	0	1	2	9	25	42	21	10	2	114
19:00	0	0	0	0	0	0	1	2	7	25	33	14	6	2	90
20:00	0	0	0	1	0	0	1	4	13	21	15	8	4	2	69
21:00	0	0	0	0	2	0	2	1	9	15	20	8	4	2	63
22:00	0	0	0	0	0	0	0	1	5	12	16	10	4	0	48
23:00	0	0	0	0	1	0	1	1	3	6	7	3	0	0	22
Total	0	0	1	4	5	7	10	40	178	446	566	374	143	48	1822

Daily

15th Percentile : 27 MPH
50th Percentile : 31 MPH
85th Percentile : 35 MPH
95th Percentile : 37 MPH

Mean Speed(Average) : 31 MPH
10 MPH Pace Speed : 27-36 MPH
Number in Pace : 1445
Percent in Pace : 79.3%
Number of Vehicles > 30 MPH : 1131
Percent of Vehicles > 30 MPH : 62.1%

Accurate Counts
978-864-2565

Location : Woodland Drive
Location : West of Curtis Road
City/State: Hanover, MA

7902SPD2

Start Time	1	4	7	10	13	16	19	22	25	28	31	34	37	40	Total
Time	3	6	9	12	15	18	21	24	27	30	33	36	39	999	
07/11/19	0	0	0	1	0	0	0	0	0	1	0	1	0	0	3
01:00	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2
04:00	0	0	0	0	0	0	0	0	0	0	4	2	2	0	8
05:00	0	0	0	0	0	0	1	0	4	7	13	11	6	4	46
06:00	0	0	0	0	0	0	1	0	2	4	6	17	5	2	37
07:00	0	0	0	0	1	1	0	0	2	6	21	23	15	1	70
08:00	0	0	0	2	1	0	1	4	6	35	39	46	7	7	148
09:00	0	0	0	0	2	2	3	3	10	16	30	36	9	8	119
10:00	0	0	0	1	0	0	1	2	3	23	30	40	9	1	110
11:00	0	0	0	0	0	0	0	3	7	23	47	39	18	8	145
12 PM	0	0	0	0	0	0	0	0	7	19	26	43	24	20	141
13:00	0	0	0	0	0	0	1	3	5	14	29	41	19	20	132
14:00	0	0	0	0	0	0	1	2	4	15	20	35	20	7	104
15:00	0	0	0	0	1	0	2	4	12	15	30	26	20	9	119
16:00	0	0	0	0	1	0	1	4	8	12	27	38	25	23	139
17:00	0	0	0	0	0	0	0	2	4	18	31	41	16	17	129
18:00	0	0	0	1	0	0	5	1	1	8	20	23	22	8	89
19:00	0	0	0	0	2	1	1	0	3	13	17	29	10	9	85
20:00	0	0	0	0	0	0	0	1	1	11	10	21	12	2	58
21:00	0	0	0	0	1	0	2	2	1	3	8	5	3	1	26
22:00	0	0	0	0	0	3	2	1	1	3	2	3	3	0	18
23:00	0	0	0	0	0	0	0	3	3	0	0	1	0	1	8
Total	0	0	0	5	9	9	22	35	84	246	410	522	246	149	1737

Daily

15th Percentile : 27 MPH
50th Percentile : 32 MPH
85th Percentile : 36 MPH
95th Percentile : 38 MPH

Mean Speed(Average) : 33 MPH
10 MPH Pace Speed : 28-37 MPH
Number in Pace : 1260
Percent in Pace : 72.5%
Number of Vehicles > 30 MPH : 1327
Percent of Vehicles > 30 MPH : 76.4%

Accurate Counts 978-664-2565

Location : Woodland Drive
Location : West of Curtis Road
City/State: Hanover, MA

7902SPD2

EB

Start Time	1	3	4	6	7	9	10	12	13	15	16	18	19	21	22	24	25	27	28	31	33	34	36	37	39	40	Total
07/12/19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	1	0	0	3
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	0	0	0	2
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	2	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	6
04:00	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	2	2	2	3	3	2	2	3	0	0	13
05:00	0	0	0	0	2	2	15	0	36	0	11	0	5	5	10	0	5	5	8	7	7	6	6	1	4	0	110
06:00	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	1	1	6	9	9	10	10	3	0	0	33
07:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	4	4	10	17	17	15	15	17	6	0	70
08:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	15	25	25	41	41	19	10	0	113
09:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	6	11	23	23	50	50	23	7	0	120
10:00	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	10	10	19	24	24	30	30	23	6	0	127
11:00	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	6	6	14	30	30	39	39	30	6	0	174
12 PM	0	0	0	0	0	0	0	0	1	0	2	2	1	1	0	0	6	6	19	42	42	41	41	47	15	0	174
13:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	7	7	25	30	30	50	50	23	15	0	153
14:00	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	1	13	13	23	34	34	26	26	24	14	0	136
15:00	0	0	0	0	0	0	0	0	0	0	2	2	0	0	3	3	3	3	17	44	44	52	52	33	7	0	161
16:00	0	0	0	0	0	0	14	0	10	0	3	3	1	1	3	3	10	10	19	37	37	31	31	27	10	0	165
17:00	0	0	0	0	0	0	0	0	0	0	2	2	0	0	2	2	0	0	9	42	42	34	34	19	7	0	115
18:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	2	9	24	24	27	27	22	11	0	96
19:00	0	0	0	0	0	0	0	0	0	0	2	2	2	2	0	0	10	10	11	12	12	21	21	10	4	0	72
20:00	0	0	0	0	0	0	0	0	1	1	0	0	3	3	2	2	3	3	18	13	13	10	10	8	0	0	58
21:00	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	2	2	6	8	8	12	12	7	3	0	39
22:00	0	0	0	0	1	1	14	0	2	2	1	1	0	0	0	0	4	4	6	4	4	3	3	3	1	0	39
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	2	2	0	0	4	1	0	13
Total	0	0	0	0	7	7	46	46	53	53	25	25	14	14	27	27	97	97	252	430	430	502	502	348	131	0	1932

Daily

15th Percentile :
50th Percentile :
85th Percentile :
95th Percentile :

27 MPH
32 MPH
36 MPH
38 MPH

Mean Speed(Average) :
10 MPH Pace Speed :

32 MPH
30-39 MPH

Number in Pace :
Percent in Pace :

1364
70.6%

Number of Vehicles > 30 MPH :
Percent of Vehicles > 30 MPH :

1411
73.0%

Accurate Counts
978-664-2565

Location : Woodland Drive
Location : West of Curtis Road
City/State: Hanover, MA

7902SPD2

EB	Start Time	1	3	4	6	7	9	10	12	13	15	16	18	19	21	22	24	25	27	28	30	31	33	34	36	37	39	40	Total
		07/13/19	07/13/19	07/13/19	07/13/19	07/13/19	07/13/19	07/13/19	07/13/19	07/13/19	07/13/19	07/13/19	07/13/19	07/13/19	07/13/19	07/13/19	07/13/19	07/13/19	07/13/19	07/13/19	07/13/19	07/13/19	07/13/19	07/13/19	07/13/19	07/13/19	07/13/19	07/13/19	
	01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	0	1	1	2	1	0	0	7	
	02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	
	03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	04:00	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	3	
	05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	4	4	4	0	0	2	2	14	
	06:00	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	2	2	4	12	12	12	14	14	8	3	45	
	07:00	0	0	0	0	0	0	0	0	0	0	0	0	1	1	3	3	2	2	5	13	16	16	16	16	7	7	53	
	08:00	0	0	0	0	0	0	0	0	2	2	2	0	0	0	1	2	3	4	13	16	16	25	25	25	15	3	79	
	09:00	0	0	0	0	0	0	0	0	0	0	2	2	0	0	2	2	3	14	23	23	29	29	29	22	14	14	109	
	10:00	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	10	16	16	37	37	45	45	27	7	7	143	
	11:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	6	9	21	21	33	33	60	60	21	21	9	159	
	12 PM	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	7	7	11	11	36	39	39	24	24	13	131	
	13:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	10	28	28	44	44	17	17	6	6	109	
	14:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	13	26	26	35	35	16	16	8	8	103	
	15:00	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	7	17	21	21	28	28	31	17	9	9	106	
	16:00	0	0	0	0	0	0	1	0	0	0	0	0	2	2	3	3	3	13	21	21	28	28	18	8	8	8	97	
	17:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	3	12	25	25	15	15	15	15	15	15	86	
	18:00	0	0	0	0	0	0	1	0	0	0	0	0	1	1	0	0	5	8	17	17	34	34	11	11	9	9	86	
	19:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	6	17	17	17	17	17	15	15	4	4	67	
	20:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	4	5	8	8	10	10	14	14	9	9	1	51	
	21:00	0	0	0	0	0	0	0	0	1	1	0	0	1	1	1	1	1	4	4	14	14	6	6	3	3	4	35	
	22:00	0	0	0	0	0	0	0	0	0	1	0	0	2	2	2	2	0	0	1	4	4	3	3	1	1	1	15	
	23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	3	3	1	0	0	2	2	1	1	2	10	
	Total	0	0	0	0	0	0	2	2	5	5	5	5	10	10	30	30	78	185	359	359	461	461	250	250	125	125	1510	

Daily

15th Percentile : 28 MPH
50th Percentile : 33 MPH
85th Percentile : 36 MPH
95th Percentile : 38 MPH

Mean Speed(Average) : 33 MPH
10 MPH Pace Speed : 30-39 MPH
Number in Pace : 1132
Percent in Pace : 75.0%
Number of Vehicles > 30 MPH : 1195
Percent of Vehicles > 30 MPH : 79.1%

Grand Total	0	0	0	0	7	53	67	39	46	92	259	683	1199	1485	844	405	5179
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Overall

15th Percentile : 27 MPH
50th Percentile : 32 MPH
85th Percentile : 36 MPH
95th Percentile : 38 MPH

Mean Speed(Average) : 32 MPH
10 MPH Pace Speed : 30-39 MPH
Number in Pace : 3756
Percent in Pace : 72.5%
Number of Vehicles > 30 MPH : 3933
Percent of Vehicles > 30 MPH : 75.9%

Accurate Counts 978-664-2565

Location : Woodland Drive
City/State: West of Curtis Road
City/State: Hanover, MA

7902SPD2

WB, EB

Start Time	1	3	4	6	7	9	10	12	13	15	16	18	19	21	22	24	25	27	28	30	31	33	34	36	37	39	40	999	Total
07/11/19	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	2	2	3	3	2	2	0	0	2	2	11
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	2	2	0	0	1	0	4
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	3	0	0	0	0	0	1	3
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	2
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	4	2	2	3	3	0	0	9
05:00	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	5	5	12	12	14	14	12	12	7	7	4	4	56
06:00	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	2	2	6	6	10	10	22	22	6	6	2	2	50
07:00	0	0	0	0	0	0	0	0	1	1	3	3	0	0	1	1	6	6	18	18	32	32	32	32	19	19	2	2	114
08:00	0	0	0	0	0	0	2	2	1	1	1	1	2	2	9	9	20	20	51	51	61	61	65	65	12	12	7	7	231
09:00	0	0	0	0	0	0	4	4	2	2	3	3	3	3	4	4	18	17	33	33	57	57	58	58	16	16	10	10	204
10:00	0	0	0	0	1	1	2	2	0	0	1	1	6	6	11	11	17	17	56	56	53	53	49	49	13	13	1	1	210
11:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	4	23	23	54	54	81	81	61	61	24	24	11	11	258
12 PM	0	0	0	0	0	0	0	0	0	0	2	2	1	1	5	5	24	24	44	44	78	78	86	86	40	40	25	25	305
13:00	0	0	0	0	0	0	0	0	0	0	0	0	2	2	6	6	25	25	56	56	73	73	67	67	33	33	21	21	283
14:00	0	0	0	0	0	0	0	0	0	0	1	1	1	1	5	5	15	15	36	36	60	60	62	62	33	33	12	12	225
15:00	0	0	0	0	0	0	0	0	2	2	2	2	3	3	15	15	24	24	44	44	70	70	55	55	35	35	11	11	261
16:00	0	0	0	0	0	0	0	0	1	1	1	1	2	2	9	9	19	19	43	43	62	62	67	67	35	35	29	29	268
17:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	8	15	15	47	47	83	83	73	73	28	28	20	20	274
18:00	0	0	0	0	0	0	1	1	2	2	0	0	5	5	6	6	9	9	27	27	52	52	42	42	35	35	9	9	188
19:00	0	0	0	0	0	0	0	0	2	2	1	1	1	1	2	2	12	12	34	34	48	48	50	50	15	15	10	10	175
20:00	0	0	0	0	0	0	1	1	1	1	0	0	0	0	5	5	7	7	40	40	38	38	35	35	14	14	6	6	147
21:00	0	0	0	0	0	0	0	0	1	1	0	0	2	2	5	5	4	4	19	19	30	30	14	14	6	6	1	1	82
22:00	0	0	0	0	0	0	0	0	0	0	3	3	3	3	5	5	9	9	8	8	8	8	7	7	6	6	1	1	50
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	3	3	2	2	2	2	3	3	1	1	3	3	17
Total	0	0	0	0	1	1	7	7	13	13	18	18	33	33	106	106	256	256	633	633	921	921	866	866	362	362	189	189	3427

15th Percentile : 27 MPH
50th Percentile : 31 MPH
85th Percentile : 35 MPH
95th Percentile : 37 MPH

Mean Speed(Average) : 32 MPH
10 MPH Pace Speed : 28-37 MPH
Number in Pace : 2547

Percent in Pace : 74.3%
Number of Vehicles > 30 MPH : 2356
Percent of Vehicles > 30 MPH : 68.8%

Accurate Counts
978-664-2565

Location : Woodland Drive
Location : West of Curtis Road
City/State: Hanover, MA

7902SPD2

WB, EB

Start Time	1	4	7	10	13	16	19	22	25	28	31	34	37	40	Total
Time	3	6	9	12	15	18	21	24	27	30	33	36	39	999	
07/12/19	0	0	0	0	0	0	0	0	0	3	1	4	1	0	9
01:00	0	0	0	0	0	0	0	0	0	0	2	2	0	0	6
02:00	0	0	0	0	0	2	1	0	1	2	1	1	0	0	8
03:00	0	0	2	2	1	0	0	0	0	0	0	0	1	0	6
04:00	0	0	0	0	0	1	0	0	2	2	4	2	3	0	14
05:00	0	0	2	15	36	11	5	10	5	9	9	7	2	4	115
06:00	0	0	2	0	2	0	0	0	1	12	13	16	3	0	49
07:00	0	0	0	0	0	0	0	1	6	16	31	22	21	6	103
08:00	0	0	0	0	1	0	0	3	9	35	46	49	27	11	181
09:00	0	0	0	0	0	0	0	1	13	28	53	68	28	9	200
10:00	0	0	0	0	0	1	2	0	16	36	56	47	29	14	201
11:00	0	0	0	0	0	0	1	1	17	40	63	61	43	10	236
12 PM	0	0	0	0	1	4	1	3	21	71	86	86	54	18	345
13:00	0	0	0	0	0	0	0	5	28	61	84	82	32	21	313
14:00	0	0	0	0	0	1	0	4	23	59	78	58	38	23	284
15:00	0	0	0	0	0	3	1	8	27	57	100	90	57	9	343
16:00	0	0	1	14	10	4	1	10	34	57	98	77	46	12	364
17:00	0	0	0	1	1	2	1	7	5	51	75	67	33	11	254
18:00	0	0	0	2	0	0	1	3	11	34	66	48	32	13	210
19:00	0	0	0	0	0	2	3	2	17	36	66	35	16	6	162
20:00	0	0	0	1	1	0	4	6	16	39	28	18	12	2	127
21:00	0	0	0	1	2	0	2	1	11	21	28	20	11	5	102
22:00	0	0	0	14	2	1	0	1	9	18	20	13	7	1	87
23:00	0	0	0	0	1	0	1	1	3	9	9	3	4	4	35
Total	0	0	8	50	58	32	24	67	275	698	996	876	491	179	3754

Daily
15th Percentile : 27 MPH
50th Percentile : 31 MPH
85th Percentile : 35 MPH
95th Percentile : 37 MPH

Mean Speed(Average) : 31 MPH
10 MPH Pace Speed : 28-37 MPH
Number in Pace : 2734
Percent in Pace : 72.8%
Number of Vehicles > 30 MPH : 2542
Percent of Vehicles > 30 MPH : 67.7%

Accurate Counts
978-664-2565

Location : Woodland Drive
 Location : West of Curtis Road
 City/State: Hanover, MA

7902SPD2

WB, EB

Start Time	1	4	7	10	13	16	19	22	25	28	31	34	37	40	Total
07/13/19	0	0	0	0	0	0	0	0	2	4	6	4	1	1	18
01:00	0	0	0	0	0	0	0	1	1	1	1	3	0	0	8
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
04:00	0	0	0	0	0	1	0	0	0	1	1	2	0	0	5
05:00	0	0	0	0	0	0	0	0	0	7	6	1	4	2	20
06:00	0	0	0	0	0	0	1	1	4	5	16	15	9	3	54
07:00	0	0	0	0	0	0	1	4	6	7	16	18	10	8	70
08:00	0	0	0	0	2	2	1	1	5	18	30	35	21	5	120
09:00	0	0	0	1	1	2	0	2	13	38	35	51	30	16	189
10:00	0	0	0	0	0	1	0	2	25	48	71	76	34	9	268
11:00	0	0	0	0	1	0	0	9	20	50	69	85	33	10	277
12 PM	0	0	0	0	0	1	1	2	19	45	91	77	35	15	286
13:00	0	0	0	0	0	0	1	6	11	42	59	68	34	8	229
14:00	0	0	0	0	0	0	0	2	9	39	61	63	21	10	205
15:00	0	0	0	1	1	1	2	1	15	40	54	53	28	13	209
16:00	0	0	0	1	0	1	2	3	13	44	56	49	24	11	204
17:00	0	0	0	0	0	0	0	1	8	25	52	25	20	17	148
18:00	0	0	0	1	0	0	1	4	14	28	38	50	20	11	167
19:00	0	0	0	0	0	0	0	3	15	24	30	34	22	5	133
20:00	0	0	0	0	0	0	1	5	18	23	35	29	9	1	121
21:00	0	0	0	0	1	0	3	2	10	19	26	10	6	6	83
22:00	0	0	0	0	2	0	3	4	4	11	14	6	2	1	47
23:00	0	0	0	0	0	0	0	1	7	7	8	4	2	5	34
Total	0	0	0	4	8	9	17	54	219	527	775	758	365	158	2894

Daily
 15th Percentile : 27 MPH
 50th Percentile : 32 MPH
 85th Percentile : 35 MPH
 95th Percentile : 37 MPH
 Mean Speed(Average) : 32 MPH
 10 MPH Pace Speed : 28-37 MPH
 Number in Pace : 2182
 Percent in Pace : 75.4%
 Number of Vehicles > 30 MPH : 2056
 Percent of Vehicles > 30 MPH : 71.0%

Grand Total 0 0 9 61 79 59 74 227 752 1858 2692 2500 1238 526 10075

Overall
 15th Percentile : 27 MPH
 50th Percentile : 31 MPH
 85th Percentile : 35 MPH
 95th Percentile : 37 MPH
 Mean Speed(Average) : 32 MPH
 10 MPH Pace Speed : 28-37 MPH
 Number in Pace : 7463
 Percent in Pace : 74.1%
 Number of Vehicles > 30 MPH : 6956
 Percent of Vehicles > 30 MPH : 69.0%

Location : Dillingham Way
Location : West of Old Town Way
City/State: Hanover, MA

7902VOL1

Start Time	9/5/2019 Thu	WB		Hour Totals		EB		Hour Totals		Combined Totals	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		2	13			0	16				
12:15		0	14			0	14				
12:30		0	13			1	13				
12:45		1	17	3	57	0	16	1	59	4	116
01:00		0	15			0	13				
01:15		0	12			0	9				
01:30		1	19			0	8				
01:45		0	14	1	60	0	25	0	55	1	115
02:00		0	13			0	11				
02:15		0	20			0	15				
02:30		0	11			0	17				
02:45		0	22	0	66	0	18	0	61	0	127
03:00		0	13			0	20				
03:15		0	16			0	20				
03:30		0	13			1	16				
03:45		1	9	1	51	0	19	1	75	2	126
04:00		0	19			0	14				
04:15		0	20			1	12				
04:30		0	15			1	15				
04:45		0	29	0	83	2	23	4	64	4	147
05:00		0	29			2	19				
05:15		0	26			3	23				
05:30		2	14			5	16				
05:45		2	12	4	81	4	17	14	75	18	156
06:00		4	23			5	8				
06:15		1	10			1	15				
06:30		2	16			4	10				
06:45		8	15	15	64	2	12	12	45	27	109
07:00		7	13			9	8				
07:15		15	16			8	23				
07:30		11	8			13	10				
07:45		10	8	43	45	15	13	45	54	88	99
08:00		10	14			16	11				
08:15		8	6			13	6				
08:30		9	12			10	1				
08:45		8	5	35	37	14	7	53	25	88	62
09:00		9	5			15	2				
09:15		10	4			6	1				
09:30		7	6			9	1				
09:45		9	5	35	20	12	2	42	6	77	26
10:00		12	6			13	3				
10:15		8	5			15	3				
10:30		12	0			11	2				
10:45		8	2	40	13	11	0	50	8	90	21
11:00		13	1			12	0				
11:15		13	0			8	2				
11:30		15	0			17	1				
11:45		7	2	48	3	13	1	50	4	98	7
Total		225	580			272	531			497	1111
Percent		28.0%	72.0%			33.9%	66.1%			30.9%	69.1%

Accurate Counts
978-664-2565

Page 2

Location : Dillingham Way
Location : West of Old Town Way
City/State: Hanover, MA

7902VOL1

Start Time	9/6/2019 Fri	WB		Hour Totals		EB		Hour Totals		Combined Totals	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		3	22			0	12				
12:15		1	15			1	15				
12:30		0	8			0	19				
12:45		0	12	4	57	1	14	2	60	6	117
01:00		2	20			1	19				
01:15		0	19			0	20				
01:30		0	17			1	15				
01:45		0	12	2	68	0	6	2	60	4	128
02:00		0	16			0	11				
02:15		0	22			0	14				
02:30		0	20			0	18				
02:45		0	22	0	80	0	20	0	63	0	143
03:00		0	23			0	26				
03:15		0	15			1	29				
03:30		1	23			0	23				
03:45		0	22	1	83	0	12	1	90	2	173
04:00		0	21			0	17				
04:15		0	22			0	19				
04:30		0	19			3	18				
04:45		0	21	0	83	3	9	6	63	6	146
05:00		0	24			3	12				
05:15		0	23			2	19				
05:30		1	13			4	14				
05:45		1	13	2	73	6	21	15	66	17	139
06:00		2	20			2	20				
06:15		2	19			3	16				
06:30		5	12			2	19				
06:45		9	11	18	62	5	16	12	71	30	133
07:00		9	16			6	12				
07:15		16	18			13	12				
07:30		9	16			8	20				
07:45		5	8	39	58	15	11	42	55	81	113
08:00		14	12			13	6				
08:15		11	12			22	7				
08:30		14	3			12	4				
08:45		6	11	45	38	17	6	64	23	109	61
09:00		11	6			11	2				
09:15		14	4			14	5				
09:30		10	4			12	4				
09:45		10	6	45	20	16	3	53	14	98	34
10:00		10	10			14	1				
10:15		10	3			13	3				
10:30		15	13			21	5				
10:45		22	4	57	30	16	1	64	10	121	40
11:00		13	5			13	4				
11:15		14	4			16	2				
11:30		8	4			11	1				
11:45		15	2	50	15	13	0	53	7	103	22
Total		263	667			314	582			577	1249
Percent		28.3%	71.7%			35.0%	65.0%			31.6%	68.4%

Location : Dillingham Way
Location : West of Old Town Way
City/State: Hanover, MA

7902VOL1

Start Time	9/7/2019 Sat	WB		Hour Totals		EB		Hour Totals		Combined Totals	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		2	21			3	12				
12:15		3	20			0	17				
12:30		1	19			0	11				
12:45		1	23	7	83	0	20	3	60	10	143
01:00		0	16			1	16				
01:15		1	22			0	23				
01:30		0	21			1	21				
01:45		0	19	1	78	0	16	2	76	3	154
02:00		0	18			0	17				
02:15		0	23			1	19				
02:30		0	20			2	17				
02:45		0	21	0	82	0	19	3	72	3	154
03:00		0	23			0	15				
03:15		0	21			1	12				
03:30		0	17			1	19				
03:45		0	20	0	81	0	14	2	60	2	141
04:00		0	19			0	15				
04:15		1	15			0	5				
04:30		0	11			0	12				
04:45		0	14	1	59	0	10	0	42	1	101
05:00		1	18			1	14				
05:15		0	17			0	21				
05:30		0	17			0	13				
05:45		0	11	1	63	2	15	3	63	4	126
06:00		0	10			0	12				
06:15		0	16			1	10				
06:30		2	12			2	10				
06:45		4	13	6	51	5	13	8	45	14	96
07:00		1	12			2	6				
07:15		2	8			2	8				
07:30		2	5			5	12				
07:45		4	10	9	35	4	3	13	29	22	64
08:00		6	7			6	14				
08:15		4	14			7	8				
08:30		3	6			11	5				
08:45		8	3	21	30	16	4	40	31	61	61
09:00		11	3			15	3				
09:15		13	1			17	3				
09:30		13	5			19	5				
09:45		11	2	48	11	13	1	64	12	112	23
10:00		15	6			13	5				
10:15		15	5			13	4				
10:30		16	4			15	1				
10:45		22	7	68	22	19	2	60	12	128	34
11:00		11	2			21	1				
11:15		14	1			29	1				
11:30		24	3			15	1				
11:45		18	1	67	7	26	0	91	3	158	10
Total		229	602			289	505			518	1107
Percent		27.6%	72.4%			36.4%	63.6%			31.9%	68.1%
Grand Total		717	1849			875	1618			1592	3467
Percent		27.9%	72.1%			35.1%	64.9%			31.5%	68.5%
ADT		ADT 1,686	AADT 1,686								

Accurate Counts
978-664-2565

Location : Drillingham Way
Location : West of Old Town Way
City/State: Hanover, MA

7902VOL1

Start Time	9/2/2019		Tue		Wed		Thu		Fri		Sat		Sun		Week Average	
	WB	EB	WB	EB	WB	EB	WB	EB	WB	EB	WB	EB	WB	EB	WB	EB
12:00 AM	*	*	*	*	*	*	3	1	4	2	7	3	*	*	5	2
01:00	*	*	*	*	*	*	1	0	2	2	1	2	*	*	1	1
02:00	*	*	*	*	*	*	0	0	0	0	0	3	*	*	0	1
03:00	*	*	*	*	*	*	0	1	1	1	0	2	*	*	1	1
04:00	*	*	*	*	*	*	0	4	0	6	1	0	*	*	0	3
05:00	*	*	*	*	*	*	4	14	2	15	1	3	*	*	2	11
06:00	*	*	*	*	*	*	15	12	18	42	6	8	*	*	13	11
07:00	*	*	*	*	*	*	43	45	39	42	9	13	*	*	30	33
08:00	*	*	*	*	*	*	35	53	45	64	21	40	*	*	34	52
09:00	*	*	*	*	*	*	35	42	45	53	48	64	*	*	43	53
10:00	*	*	*	*	*	*	40	50	57	64	68	60	*	*	55	58
11:00	*	*	*	*	*	*	48	50	50	53	67	91	*	*	55	65
12:00 PM	*	*	*	*	*	*	57	59	57	60	83	60	*	*	66	60
01:00	*	*	*	*	*	*	60	55	68	60	78	76	*	*	69	64
02:00	*	*	*	*	*	*	66	61	80	63	82	72	*	*	76	65
03:00	*	*	*	*	*	*	51	75	83	90	81	60	*	*	72	75
04:00	*	*	*	*	*	*	83	64	83	63	59	42	*	*	75	56
05:00	*	*	*	*	*	*	81	75	73	66	63	63	*	*	72	68
06:00	*	*	*	*	*	*	64	45	62	71	51	45	*	*	59	54
07:00	*	*	*	*	*	*	45	54	58	55	35	29	*	*	46	46
08:00	*	*	*	*	*	*	37	25	38	23	30	31	*	*	35	26
09:00	*	*	*	*	*	*	20	6	20	14	11	12	*	*	17	11
10:00	*	*	*	*	*	*	13	8	30	10	22	12	*	*	22	10
11:00	*	*	*	*	*	*	3	4	15	7	7	3	*	*	8	5
Lane	0	0	0	0	0	0	805	803	930	896	831	794	0	0	856	831
Day	0	0	0	0	0	0	1608	1608	1826	1826	1625	1625	0	0	1687	1687
AM Peak	-	-	-	-	-	-	11:00	08:00	10:00	08:00	10:00	11:00	-	-	10:00	11:00
Vol.	-	-	-	-	-	-	48	53	57	64	68	91	-	-	55	65
PM Peak	-	-	-	-	-	-	16:00	15:00	15:00	15:00	12:00	13:00	-	-	14:00	15:00
Vol.	-	-	-	-	-	-	83	75	83	90	83	76	-	-	76	75

Comb. Total 0 0 0 0 0 0 1608 1826 1625 1687

ADT ADT 1,686 AADT 1,686

Accurate Counts 978-664-2565

Location : Dillingham Way
Location : West of Old Town Way
City/State: Hanover, MA

7902SPD1

WB

Start Time	1	4	7	10	13	16	19	22	25	28	31	34	37	40	Total
09/05/19	3	6	9	12	15	18	21	24	27	30	33	36	39	999	3
01:00	0	0	0	0	0	0	0	0	0	1	0	2	0	0	3
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00	0	0	0	0	0	0	0	0	0	2	1	1	0	0	4
07:00	0	0	0	0	0	1	0	1	0	1	6	5	1	0	15
08:00	1	0	0	1	1	0	0	2	4	4	13	14	3	2	43
09:00	0	0	0	0	0	0	1	1	0	4	6	17	2	3	35
10:00	0	0	0	0	0	0	0	1	0	5	7	11	8	2	35
11:00	0	0	0	0	0	1	0	0	2	6	10	13	7	1	40
12 PM	1	0	0	0	0	0	0	0	2	11	12	16	5	2	48
13:00	0	0	0	0	0	0	0	0	2	6	15	19	11	3	57
14:00	0	0	0	0	0	0	0	0	0	9	19	14	13	5	60
15:00	0	0	0	0	0	0	0	0	5	8	22	16	13	2	66
16:00	0	0	0	0	0	0	0	1	0	7	14	22	5	2	51
17:00	0	0	1	0	1	0	1	0	1	13	19	28	15	4	83
18:00	0	0	0	0	0	1	0	0	2	7	18	26	16	11	81
19:00	0	0	0	0	0	0	0	2	0	7	17	21	16	1	64
20:00	0	0	0	0	0	0	0	0	4	9	13	10	8	1	45
21:00	1	0	0	0	0	0	0	0	1	7	12	8	7	1	37
22:00	0	0	0	0	0	0	0	0	2	1	5	4	7	1	20
23:00	0	0	0	0	0	0	0	0	0	2	6	4	1	0	13
Total	3	0	1	1	2	3	3	7	25	113	217	251	138	41	805

Daily

15th Percentile : 28 MPH
50th Percentile : 33 MPH
85th Percentile : 36 MPH
95th Percentile : 38 MPH

Mean Speed(Average) : 33 MPH
10 MPH Pace Speed : 30-39 MPH
Number in Pace : 644
Percent in Pace : 80.0%
Number of Vehicles > 35 MPH : 263
Percent of Vehicles > 35 MPH : 32.6%

Accurate Counts 978-664-2565

Location : Dillingham Way
Location : West of Old Town Way
City/State: Hanover, MA

7902SPD1

WB

Start Time	1	3	4	6	7	9	10	12	13	15	16	18	19	21	22	24	25	27	28	31	33	34	36	37	39	40	Total
09/06/19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	1	4
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	2
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	1
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	1	1	0	0	0	0	0	2
06:00	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	1	1	4	4	4	5	5	2	2	1	18
07:00	1	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	6	3	11	12	12	8	8	4	4	2	39
08:00	0	0	0	0	0	0	0	0	0	0	0	0	1	1	4	4	5	5	11	13	13	6	6	2	2	3	45
09:00	2	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	1	1	6	15	15	8	8	10	9	1	45
10:00	1	0	0	0	0	0	0	0	0	0	1	1	0	0	2	2	1	1	7	13	13	17	17	9	8	6	57
11:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14	13	13	13	13	8	2	2	50
12 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	3	12	14	16	16	16	10	10	6	57
13:00	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	9	18	21	18	18	9	9	4	68	
14:00	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1	11	11	27	20	20	16	16	4	80	
15:00	3	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1	7	13	13	19	27	24	24	9	7	83	
16:00	0	0	0	0	0	0	1	0	0	0	1	1	0	0	0	0	5	5	11	26	27	27	5	5	6	83	
17:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	3	20	20	35	11	11	2	73	
18:00	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	7	20	16	16	12	12	3	62	
19:00	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	10	13	21	21	7	7	5	58	
20:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	3	9	13	13	8	8	3	38	
21:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	4	4	7	7	5	2	20	
22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	9	8	8	3	3	6	30	
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	4	5	5	1	1	1	15	
Total	10	0	0	0	0	0	1	1	1	1	4	4	2	2	12	12	47	128	259	259	269	269	132	132	65	65	930

Daily

15th Percentile : 28 MPH
50th Percentile : 32 MPH
85th Percentile : 36 MPH
95th Percentile : 38 MPH

Mean Speed(Average) : 32 MPH
10 MPH Pace Speed : 30-39 MPH
Number in Pace : 703

Percent in Pace : 75.6%
Number of Vehicles > 35 MPH : 287
Percent of Vehicles > 35 MPH : 30.8%

Accurate Counts 978-664-2565

Location : Dillingham Way
Location : West of Old Town Way
City/State: Hanover, MA

7902SPDI

WB

Start Time	1	4	7	10	13	16	19	22	25	28	31	34	37	40	Total
09/07/19	3	6	9	12	15	18	21	24	27	30	33	36	39	999	7
01:00	0	0	0	0	0	0	0	0	0	0	1	5	1	0	7
02:00	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
05:00	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
06:00	0	0	0	0	0	0	0	0	0	2	2	2	0	0	6
07:00	0	0	0	0	0	0	0	0	0	2	2	1	4	0	9
08:00	0	0	0	0	0	0	0	0	1	2	7	6	4	0	21
09:00	0	0	0	0	0	1	0	2	1	5	13	16	10	0	48
10:00	1	0	0	0	0	0	1	1	1	9	21	16	13	5	68
11:00	2	0	0	0	0	0	0	0	0	13	10	22	12	8	67
12 PM	0	0	0	0	0	1	0	0	0	12	23	24	20	3	83
13:00	0	0	0	0	0	0	0	0	0	7	29	26	16	0	78
14:00	1	0	0	0	0	1	0	0	1	7	22	23	23	4	82
15:00	1	0	0	0	0	0	0	0	0	10	26	28	10	6	81
16:00	1	0	0	0	0	0	0	1	3	12	17	13	4	8	59
17:00	1	0	0	0	0	0	1	0	2	4	20	19	9	7	63
18:00	0	0	0	0	0	0	0	0	1	8	14	11	14	3	51
19:00	0	0	0	0	0	0	0	0	2	2	13	13	3	2	35
20:00	0	0	0	0	0	0	0	0	0	1	10	11	6	2	30
21:00	0	0	0	0	0	0	0	0	1	1	4	2	3	0	11
22:00	0	0	0	0	0	0	0	1	0	4	9	2	4	2	22
23:00	0	0	0	0	0	0	0	0	0	1	1	2	2	1	7
Total	7	0	0	0	0	4	2	5	13	102	246	243	158	51	831

Daily

15th Percentile : 29 MPH
50th Percentile : 33 MPH
85th Percentile : 36 MPH
95th Percentile : 38 MPH

Mean Speed(Average) : 33 MPH
10 MPH Pace Speed : 30-39 MPH
Number in Pace : 681
Percent in Pace : 81.9%
Number of Vehicles > 35 MPH : 290
Percent of Vehicles > 35 MPH : 34.9%

Grand Total 20 0 0 1 2 3 11 7 24 85 343 722 763 428 157 2566

Overall

15th Percentile : 28 MPH
50th Percentile : 32 MPH
85th Percentile : 36 MPH
95th Percentile : 38 MPH

Mean Speed(Average) : 33 MPH
10 MPH Pace Speed : 30-39 MPH
Number in Pace : 2027
Percent in Pace : 79.0%
Number of Vehicles > 35 MPH : 639
Percent of Vehicles > 35 MPH : 32.7%

Accurate Counts
978-664-2565

Location : Dillingham Way
 Location : West of Old Town Way
 City/State: Hanover, MA

7902SPD1

EB

Start Time	1	3	4	6	7	9	10	12	13	15	16	18	19	21	22	24	25	28	31	34	37	40	Total
09/05/19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	1	4
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	3	1	3	3	1	14
06:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	4	5	1	0	12
07:00	1	1	0	0	0	0	0	0	1	1	1	0	2	0	1	1	2	8	8	8	11	2	45
08:00	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	3	11	17	13	7	1	53
09:00	1	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	2	7	12	10	6	1	42
10:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	3	11	14	13	6	2	50
11:00	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	9	14	12	9	4	50
12 PM	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	10	22	15	7	2	59
13:00	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	5	19	17	8	3	55
14:00	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	4	8	19	14	9	5	61
15:00	3	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	2	13	32	15	7	1	75
16:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	3	5	23	20	6	6	64
17:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	13	20	26	11	3	75
18:00	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	6	17	14	3	2	45
19:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	10	24	11	5	2	54
20:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	7	7	6	1	25
21:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	1	0	0	1	6
22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	4	1	1	0	8
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	4
Total	8	0	0	0	1	1	1	1	2	2	2	2	5	5	11	11	33	127	259	208	108	38	803

Daily

15th Percentile : 28 MPH
 50th Percentile : 32 MPH
 85th Percentile : 35 MPH
 95th Percentile : 37 MPH

Mean Speed(Average) : 32 MPH
 10 MPH Pace Speed : 28-37 MPH

Number in Pace : 630
 Percent in Pace : 78.5%
 Number of Vehicles > 35 MPH : 215
 Percent of Vehicles > 35 MPH : 26.8%

Accurate Counts
978-664-2565

Location : Dillingham Way
Location : West of Old Town Way
City/State: Hanover, MA

7902SPDI

EB

Start Time	1	4	7	10	13	16	19	22	25	28	31	34	37	40	Total
09/06/19	3	6	9	12	15	18	21	24	27	30	33	36	39	999	
01:00	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2
02:00	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
05:00	0	0	0	0	0	0	0	0	1	2	0	0	1	2	6
06:00	0	0	0	0	0	0	0	0	3	5	4	1	2	0	15
07:00	0	0	0	0	0	0	1	0	0	2	3	5	0	1	12
08:00	2	0	0	0	0	0	1	2	3	9	12	9	3	1	42
09:00	0	0	0	1	0	0	0	2	9	16	18	11	3	4	64
10:00	0	0	0	0	1	0	3	1	3	9	11	16	6	3	53
11:00	0	0	0	0	0	0	1	0	4	9	20	18	10	2	64
12 PM	0	0	0	0	0	0	0	2	4	9	12	12	13	1	53
13:00	2	0	0	0	0	0	0	2	3	7	17	23	4	4	60
14:00	0	0	0	0	0	0	0	1	1	7	21	21	9	3	63
15:00	4	0	0	1	2	1	0	0	0	16	27	24	10	5	90
16:00	1	0	0	0	0	0	0	1	4	6	16	18	14	3	63
17:00	0	0	0	0	0	0	0	3	5	9	23	14	8	4	66
18:00	0	0	0	0	0	0	0	0	1	14	17	23	11	5	71
19:00	0	0	0	0	0	0	0	0	3	8	19	16	6	3	55
20:00	0	0	0	0	0	0	0	0	4	3	6	7	3	0	23
21:00	0	0	0	0	0	0	1	0	1	5	5	1	0	1	14
22:00	0	0	0	0	0	0	0	0	0	2	4	3	1	0	10
23:00	0	0	0	0	0	0	0	0	0	2	3	1	1	0	7
Total	9	0	0	2	3	1	7	16	52	149	254	245	114	44	896

Daily
15th Percentile : 27 MPH
50th Percentile : 32 MPH
85th Percentile : 35 MPH
95th Percentile : 37 MPH

Mean Speed(Average) : 32 MPH
10 MPH Pace Speed : 28-37 MPH
Number in Pace : 686
Percent in Pace : 76.6%
Number of Vehicles > 35 MPH : 240
Percent of Vehicles > 35 MPH : 26.7%

Accurate Counts 978-664-2565

Location : Dillingham Way
Location : West of Old Town Way
City/State: Hanover, MA

7902SPD1

EB

Start Time	1	4	7	10	13	16	19	22	25	28	31	34	37	40	Total
09/07/19	3	6	9	12	15	18	21	24	27	30	33	36	39	40	
01:00	0	0	0	0	0	0	0	0	0	0	2	1	0	0	3
02:00	0	0	0	0	0	0	0	0	0	1	1	0	0	0	2
03:00	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00	0	0	0	0	0	0	0	0	0	1	1	1	0	0	3
07:00	1	0	0	0	0	0	0	0	1	4	0	1	2	2	13
08:00	0	0	0	0	0	0	0	0	0	2	15	10	4	9	40
09:00	0	0	0	0	1	0	0	4	3	7	21	14	8	6	64
10:00	1	0	0	0	0	0	0	0	5	6	14	21	6	7	80
11:00	2	0	0	0	0	0	0	0	4	10	27	28	16	4	91
12 PM	0	0	0	0	0	0	0	0	2	8	18	16	10	6	60
13:00	0	0	0	0	0	0	0	1	3	9	17	27	16	3	76
14:00	0	0	0	0	0	0	1	0	6	10	22	23	6	4	72
15:00	1	0	0	0	0	0	0	0	3	9	16	17	8	6	60
16:00	1	0	0	0	0	0	1	1	3	8	11	8	8	1	42
17:00	1	0	0	0	1	0	0	0	0	8	13	24	15	1	63
18:00	0	0	0	0	0	0	0	1	2	5	13	13	10	1	45
19:00	0	0	0	0	0	0	0	0	0	5	14	5	3	2	29
20:00	0	0	0	0	0	0	0	0	2	3	9	1	0	1	31
21:00	0	0	0	0	0	0	0	0	2	6	2	1	0	1	12
22:00	0	0	0	0	0	0	0	1	1	2	4	1	1	2	12
23:00	0	0	0	0	0	0	0	0	1	1	1	0	0	0	3
Total	7	0	0	0	2	0	2	8	39	108	223	227	120	58	794

Daily

15th Percentile :
50th Percentile :
85th Percentile :
95th Percentile :

28 MPH
32 MPH
36 MPH
38 MPH

Mean Speed(Average) :
10 MPH Pace Speed :

33 MPH
30-39 MPH

Number in Pace :
Percent in Pace :
Number of Vehicles > 35 MPH :
Percent of Vehicles > 35 MPH :

606
76.3%
254
31.9%

Grand Total

24 0 1 3 7 3 14 35 124 384 736 680 342 140 2493

Overall

15th Percentile :
50th Percentile :
85th Percentile :
95th Percentile :

28 MPH
32 MPH
35 MPH
37 MPH

Mean Speed(Average) :
10 MPH Pace Speed :

32 MPH
28-37 MPH

Number in Pace :
Percent in Pace :
Number of Vehicles > 35 MPH :
Percent of Vehicles > 35 MPH :

1914
76.8%
709
28.4%

Accurate Counts
978-664-2565

Location : Dillingham Way
Location : West of Old Town Way
City/State: Hanover, MA

7902SPD1

WB EB

Start Time	1	3	4	6	7	9	10	12	13	15	16	18	19	21	22	24	25	27	28	30	31	33	34	36	37	39	40	Total
09/05/19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	3	0	0	0	4	
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1	
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1	0	0	0	2	
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	2	1	4	
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	0	0	5	5	2	4	10	4	3	3	1	
06:00	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	1	2	2	1	1	10	10	10	2	2	0	27	
07:00	2	0	0	0	0	0	0	1	1	2	1	1	2	2	3	3	6	6	12	12	21	21	22	14	14	4	88	
08:00	0	0	0	0	0	0	1	1	2	2	0	0	1	1	0	0	3	3	15	23	23	30	30	9	9	4	88	
09:00	1	0	0	0	0	0	0	0	0	0	1	1	2	2	2	2	2	2	12	19	19	21	21	14	14	3	77	
10:00	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	1	5	5	17	24	24	26	26	13	13	3	90	
11:00	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	3	3	20	26	26	28	28	14	14	6	98	
12 PM	2	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	3	3	16	37	37	34	34	18	18	5	116	
13:00	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	14	38	41	31	31	21	21	8	115	
14:00	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	9	9	16	41	41	30	30	22	22	7	127	
15:00	3	0	0	0	1	1	1	1	0	0	0	0	0	0	1	1	2	2	20	46	46	48	48	21	21	10	147	
16:00	0	0	0	0	0	0	0	0	1	1	0	0	1	1	1	1	4	4	18	42	42	52	52	27	27	14	156	
17:00	0	0	0	0	0	0	0	0	0	0	1	1	0	0	2	2	3	3	20	38	38	35	35	19	19	3	109	
18:00	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	6	19	37	37	21	21	13	13	3	99	
19:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	9	9	19	15	15	7	7	2	62	
20:00	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	4	4	6	4	5	4	4	2	26	
21:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	3	3	10	5	5	2	2	0	21	
22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	2	2	2	0	0	0	7	
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	2	2	2	0	0	0	7	
Total	11	0	0	0	2	2	2	2	4	4	5	5	8	8	18	18	58	58	240	476	476	459	246	79	1608			

Daily

15th Percentile : 28 MPH
50th Percentile : 32 MPH
85th Percentile : 36 MPH
95th Percentile : 38 MPH

Mean Speed(Average) : 33 MPH
10 MPH Pace Speed : 30-39 MPH
Number in Pace : 1261

Percent in Pace : 78.4%
Number of Vehicles > 35 MPH : 478
Percent of Vehicles > 35 MPH : 29.7%

Accurate Counts
978-664-2565

Location : Dillingham Way
 Location : West of Old Town Way
 City/State: Hanover, MA

7902SPD1

WB, EB

Start Time	1	4	7	10	13	16	19	22	25	28	31	34	37	40	Total
09/06/19	3	6	9	12	15	18	21	24	27	30	33	36	39	999	
01:00	0	0	0	0	0	0	0	0	0	1	1	3	0	1	6
02:00	0	0	0	0	0	0	0	0	0	0	1	0	2	1	4
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	1	2	0	2	0	0	2
05:00	0	0	0	0	0	0	0	0	1	5	0	0	1	2	6
06:00	0	0	0	0	0	0	0	1	3	6	5	1	2	0	17
07:00	3	0	0	0	0	1	1	5	9	12	24	17	7	2	30
08:00	0	0	0	1	0	0	1	6	14	27	31	17	5	3	81
09:00	2	0	0	0	1	1	4	2	4	15	26	24	16	7	109
10:00	1	0	0	0	0	1	1	2	5	16	33	35	19	4	98
11:00	0	0	0	0	0	0	0	2	4	23	25	25	21	8	121
12 PM	0	0	0	0	0	0	0	2	8	13	31	39	14	3	103
13:00	3	0	0	0	0	0	0	2	6	21	37	37	17	10	117
14:00	0	0	0	0	1	0	0	2	2	18	48	41	25	5	128
15:00	7	0	0	1	2	1	0	1	7	29	46	48	19	12	143
16:00	1	0	0	1	0	1	0	2	9	17	42	45	19	9	173
17:00	0	0	0	0	0	0	0	3	7	12	43	49	19	6	146
18:00	1	0	0	0	0	0	0	0	4	21	37	39	23	8	139
19:00	1	0	0	0	0	0	0	0	4	18	32	37	13	8	133
20:00	0	0	0	0	0	0	0	0	6	6	15	20	11	3	113
21:00	0	0	0	0	0	0	1	0	1	7	9	8	5	3	61
22:00	0	0	0	0	0	0	0	0	2	4	13	11	4	6	34
23:00	0	0	0	0	0	0	0	0	2	4	7	6	2	1	40
Total	19	0	0	3	4	5	9	28	99	277	513	514	246	109	1826

Daily
 15th Percentile : 27 MPH
 50th Percentile : 32 MPH
 85th Percentile : 35 MPH
 95th Percentile : 37 MPH

Mean Speed(Average) : 32 MPH
 10 MPH Pace Speed : 28-37 MPH

Number in Pace : 1386
 Percent in Pace : 75.9%
 Number of Vehicles > 35 MPH : 526
 Percent of Vehicles > 35 MPH : 28.8%

Accurate Counts 978-664-2565

Location : Dillingham Way
Location : West of Old Town Way
City/State: Hanover, MA

7902SPDI

WB, EB

Start Time	1	4	7	10	13	16	19	22	25	28	31	34	37	40	Total
09/07/19	3	6	9	12	15	18	21	24	27	30	33	36	39	999	
01:00	0	0	0	0	0	0	0	0	0	0	3	6	1	0	10
02:00	0	0	0	0	0	0	0	0	0	0	2	0	0	0	3
03:00	0	0	0	0	0	0	0	0	1	0	0	2	0	0	3
04:00	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2
05:00	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
06:00	0	0	0	0	0	0	0	0	0	1	1	2	0	0	4
07:00	0	0	0	0	0	0	0	0	0	5	2	3	2	2	14
08:00	1	0	0	0	0	0	0	0	1	6	2	6	4	2	22
09:00	0	0	0	0	0	1	0	0	1	4	22	16	8	9	61
10:00	0	0	0	0	1	1	0	6	4	12	34	30	18	6	112
11:00	2	0	0	0	0	0	1	1	6	15	35	37	19	12	128
12 PM	4	0	0	0	0	0	0	0	4	23	37	50	28	12	158
13:00	0	0	0	0	0	1	0	0	2	20	41	40	30	9	143
14:00	0	0	0	0	0	0	0	1	3	16	46	53	32	3	154
15:00	1	0	0	0	0	1	1	0	7	17	44	46	29	8	154
16:00	2	0	0	0	0	0	0	0	3	19	42	21	18	12	141
17:00	2	0	0	0	1	0	1	2	6	20	28	21	12	9	101
18:00	0	0	0	0	0	0	1	1	2	12	33	43	24	8	126
19:00	0	0	0	0	0	0	0	1	3	13	27	24	24	4	96
20:00	0	0	0	0	0	0	0	0	2	7	27	18	6	4	64
21:00	0	0	0	0	0	0	0	0	2	4	19	20	13	3	61
22:00	0	0	0	0	0	0	0	0	3	7	6	3	3	1	23
23:00	0	0	0	0	0	0	0	2	1	6	13	3	5	4	34
Total	14	0	0	0	2	4	4	13	52	210	469	470	278	109	1625

Daily

15th Percentile : 28 MPH
50th Percentile : 32 MPH
85th Percentile : 36 MPH
95th Percentile : 38 MPH

Mean Speed(Average) : 33 MPH
10 MPH Pace Speed : 30-39 MPH
Number in Pace : 1287
Percent in Pace : 79.2%
Number of Vehicles > 35 MPH : 544
Percent of Vehicles > 35 MPH : 33.5%

Grand Total

44 0 0 2 5 10 14 21 59 209 727 1458 1443 770 297 5059

Overall

15th Percentile : 28 MPH
50th Percentile : 32 MPH
85th Percentile : 36 MPH
95th Percentile : 38 MPH

Mean Speed(Average) : 33 MPH
10 MPH Pace Speed : 30-39 MPH
Number in Pace : 3913
Percent in Pace : 77.3%
Number of Vehicles > 35 MPH : 1548
Percent of Vehicles > 35 MPH : 30.6%

Accurate Counts
978-664-2565

Page 1

Location : Dillingham Way
Location : East of Old Town Way
City/State: Hanover, MA

7902VOL2

Start Time	9/5/2019 Thu	EB		Hour Totals		WB		Hour Totals		Combined Totals	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		0	17			2	19				
12:15		0	14			0	17				
12:30		1	7			0	15				
12:45		0	17	1	55	1	15	3	66	4	121
01:00		0	15			0	18				
01:15		0	14			0	15				
01:30		0	12			1	14				
01:45		0	22	0	63	0	13	1	60	1	123
02:00		0	9			0	19				
02:15		0	10			0	20				
02:30		0	16			0	14				
02:45		0	20	0	55	0	17	0	70	0	125
03:00		0	17			0	21				
03:15		0	11			0	18				
03:30		1	16			0	12				
03:45		0	18	1	62	1	14	1	65	2	127
04:00		1	13			0	21				
04:15		2	10			0	23				
04:30		1	14			1	15				
04:45		3	29	7	66	0	28	1	87	8	153
05:00		1	21			0	35				
05:15		6	22			0	27				
05:30		5	13			1	20				
05:45		4	18	16	74	2	13	3	95	19	169
06:00		8	7			3	23				
06:15		4	14			0	16				
06:30		4	7			1	16				
06:45		4	12	20	40	4	18	8	73	28	113
07:00		8	13			7	17				
07:15		8	21			13	19				
07:30		12	10			10	15				
07:45		13	14	41	58	4	14	34	65	75	123
08:00		24	13			12	22				
08:15		15	5			6	9				
08:30		7	6			6	10				
08:45		16	7	62	31	8	7	32	48	94	79
09:00		11	1			11	7				
09:15		9	2			9	5				
09:30		10	1			7	5				
09:45		12	2	42	6	11	8	38	25	80	31
10:00		15	3			9	6				
10:15		13	3			9	8				
10:30		14	1			9	1				
10:45		12	0	54	7	8	3	35	18	89	25
11:00		16	1			12	0				
11:15		7	3			11	0				
11:30		18	1			16	0				
11:45		13	0	54	5	9	2	48	2	102	7
Total		298	522			204	674			502	1196
Percent		36.3%	63.7%			23.2%	76.8%			29.6%	70.4%

Accurate Counts
978-664-2565

Page 2

Location : Dillingham Way
Location : East of Old Town Way
City/State: Hanover, MA

7902VOL2

Start Time	9/6/2019 Fri	EB		Hour Totals		WB		Hour Totals		Combined Totals	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		0	12			3	21				
12:15		0	15			2	18				
12:30		0	17			0	9				
12:45		4	13	4	57	0	14	5	62	9	119
01:00		1	21			1	24				
01:15		0	15			0	24				
01:30		1	15			0	19				
01:45		0	9	2	60	0	12	1	79	3	139
02:00		0	12			0	23				
02:15		0	15			0	22				
02:30		0	18			0	18				
02:45		0	17	0	62	0	23	0	86	0	148
03:00		0	25			0	18				
03:15		1	26			0	20				
03:30		0	22			1	25				
03:45		0	16	1	89	0	26	1	89	2	178
04:00		1	17			0	23				
04:15		0	21			1	26				
04:30		3	20			0	21				
04:45		3	9	7	67	0	20	1	90	8	157
05:00		3	13			0	28				
05:15		2	16			0	24				
05:30		3	14			1	15				
05:45		7	22	15	65	1	15	2	82	17	147
06:00		7	20			3	25				
06:15		5	20			2	20				
06:30		4	17			3	12				
06:45		7	17	23	74	3	13	11	70	34	144
07:00		11	12			8	21				
07:15		17	11			12	19				
07:30		10	21			8	15				
07:45		16	12	54	56	5	13	33	68	87	124
08:00		19	6			13	15				
08:15		20	7			8	13				
08:30		14	6			11	5				
08:45		19	1	72	20	8	9	40	42	112	62
09:00		17	1			14	6				
09:15		12	5			13	4				
09:30		14	3			5	5				
09:45		14	3	57	12	10	7	42	22	99	34
10:00		14	1			13	10				
10:15		18	4			13	4				
10:30		24	4			14	12				
10:45		15	3	71	12	23	7	63	33	134	45
11:00		14	5			13	8				
11:15		16	1			15	6				
11:30		14	3			9	3				
11:45		17	0	61	9	12	2	49	19	110	28
Total		367	583			248	742			615	1325
Percent		38.6%	61.4%			25.1%	74.9%			31.7%	68.3%

Accurate Counts
978-664-2565

Page 3

Location : Dillingham Way
Location : East of Old Town Way
City/State: Hanover, MA

7902VOL2

Start Time	9/7/2019 Sat	EB		Hour Totals		WB		Hour Totals		Combined Totals	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		3	19			3	25				
12:15		0	19			4	18				
12:30		0	13			1	23				
12:45		1	23	4	74	2	22	10	88	14	162
01:00		1	14			2	19				
01:15		0	25			0	24				
01:30		1	19			1	18				
01:45		0	16	2	74	0	21	3	82	5	156
02:00		1	21			2	21				
02:15		0	18			0	27				
02:30		1	21			0	19				
02:45		0	21	2	81	0	28	2	95	4	176
03:00		0	15			0	24				
03:15		1	13			0	18				
03:30		1	20			0	16				
03:45		0	16	2	64	0	20	0	78	2	142
04:00		0	16			1	19				
04:15		0	6			0	18				
04:30		0	13			0	14				
04:45		0	15	0	50	0	11	1	62	1	112
05:00		1	12			1	21				
05:15		0	21			0	20				
05:30		0	10			0	17				
05:45		2	18	3	61	0	13	1	71	4	132
06:00		0	11			0	12				
06:15		2	9			2	16				
06:30		3	10			2	11				
06:45		6	12	11	42	3	15	7	54	18	96
07:00		2	9			0	12				
07:15		3	7			2	6				
07:30		4	12			2	7				
07:45		7	8	16	36	3	10	7	35	23	71
08:00		12	13			6	10				
08:15		8	7			7	14				
08:30		13	7			3	5				
08:45		19	3	52	30	6	6	22	35	74	65
09:00		15	3			10	3				
09:15		16	4			16	4				
09:30		20	5			14	8				
09:45		20	1	71	13	13	6	53	21	124	34
10:00		14	6			18	7				
10:15		16	3			15	4				
10:30		16	1			16	5				
10:45		19	2	65	12	23	8	72	24	137	36
11:00		24	1			12	2				
11:15		32	1			18	3				
11:30		17	1			23	3				
11:45		22	1	95	4	18	3	71	11	166	15
Total		323	541			249	656			572	1197
Percent		37.4%	62.6%			27.5%	72.5%			32.3%	67.7%
Grand Total		988	1646			701	2072			1689	3718
Percent		37.5%	62.5%			25.3%	74.7%			31.2%	68.8%
ADT		ADT 1,802		AADT 1,802							

Accurate Counts
978-684-2565

Location : Dillingham Way
 Location : East of Old Town Way
 City/State: Hanover, MA

7902SPD2

EB

Start Time	1	3	4	6	7	9	10	12	13	15	16	18	19	21	22	24	25	27	28	31	33	34	36	37	39	40	Total
09/05/19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	33	36	0	0	0	0	1
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	2	2	1	1	0	0	1	7
05:00	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	1	6	5	5	1	1	2	0	0	16
06:00	0	0	0	0	0	0	0	0	1	2	0	0	0	0	3	3	2	5	5	5	3	3	3	1	1	0	20
07:00	0	0	0	0	0	0	0	0	0	0	2	0	0	0	1	1	2	7	14	17	17	12	2	4	1	0	41
08:00	0	0	0	0	0	0	1	0	0	0	0	0	0	0	3	3	7	19	14	17	12	7	0	0	1	62	
09:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	8	11	11	11	14	1	1	1	1	0	42
10:00	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	8	18	13	13	10	2	2	2	0	0	54
11:00	1	0	0	0	0	0	0	0	0	0	1	1	5	0	0	0	6	16	19	19	5	5	1	1	0	0	54
12 PM	1	0	0	0	0	0	1	0	0	0	0	0	1	1	2	2	8	14	15	15	9	9	3	3	1	0	55
13:00	1	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	9	20	16	16	12	2	2	0	0	0	63
14:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	18	16	16	9	9	0	0	0	0	55
15:00	0	0	0	0	0	0	0	0	0	0	0	0	3	3	3	3	7	21	19	19	7	7	1	1	1	0	62
16:00	0	0	0	0	0	0	1	0	0	0	0	0	1	1	5	5	8	23	17	17	9	9	1	1	1	0	66
17:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	9	18	24	24	15	15	3	3	1	0	74
18:00	1	0	0	0	0	0	0	0	0	0	1	1	0	0	1	1	2	18	12	12	4	4	1	1	0	0	40
19:00	1	0	0	0	0	0	0	0	0	0	1	1	1	0	3	3	13	16	16	16	5	5	2	2	0	0	58
20:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	6	11	8	8	4	4	1	1	0	0	31
21:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	1	1	0	1	1	0	0	1	0	6
22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	4	4	1	1	0	0	0	0	0	7
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	1	1	0	0	0	0	5
Total	5	0	0	0	0	0	3	3	1	1	7	7	12	12	34	34	111	262	235	235	117	117	25	25	8	8	820

Daily

15th Percentile : 25 MPH
 50th Percentile : 29 MPH
 85th Percentile : 33 MPH
 95th Percentile : 35 MPH

Mean Speed(Average) : 30 MPH
 10 MPH Pace Speed : 27-36 MPH
 Number in Pace : 651

Percent in Pace : 79.4%
 Number of Vehicles > 30 MPH : 385
 Percent of Vehicles > 30 MPH : 47.0%

Accurate Counts
978-664-2565

Location : Dillingham Way
 Location : East of Old Town Way
 City/State: Hanover, MA
 EB 7902SPD2

Start Time	1	4	7	10	13	16	19	22	25	28	31	34	37	40	Total
09/08/19	3	6	9	12	15	18	21	24	27	30	33	36	39	999	
01:00	0	0	0	0	0	0	0	0	1	1	1	1	0	0	4
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
05:00	0	0	0	0	0	0	0	0	1	4	2	0	2	0	7
06:00	0	0	0	0	0	0	0	1	3	4	4	3	0	0	15
07:00	1	0	0	0	2	0	0	0	3	6	6	4	1	0	23
08:00	0	0	0	0	0	0	1	3	9	18	15	8	0	0	54
09:00	1	0	0	1	1	1	1	1	11	25	20	6	3	1	72
10:00	0	0	0	0	0	2	2	1	7	13	20	9	2	1	57
11:00	1	0	0	0	2	0	1	6	9	15	27	8	2	0	71
12 PM	2	0	0	0	0	0	1	4	8	17	17	11	1	0	61
13:00	1	0	0	2	0	0	1	3	8	18	19	7	0	0	57
14:00	1	0	0	1	0	0	4	8	12	17	9	3	2	0	60
15:00	1	0	0	1	2	2	1	0	7	19	19	11	2	1	62
16:00	1	0	0	1	0	0	2	0	7	31	33	9	3	0	89
17:00	3	0	0	0	0	0	0	3	7	26	16	10	2	1	67
18:00	0	0	0	0	2	0	0	3	9	18	22	9	2	1	65
19:00	2	0	0	0	0	0	0	2	11	23	25	9	2	1	74
20:00	0	0	0	0	0	0	0	2	1	22	16	1	1	1	56
21:00	0	0	0	0	0	0	0	3	3	8	7	2	0	0	20
22:00	0	0	0	0	0	1	0	2	3	4	0	2	0	0	12
23:00	0	0	0	0	0	0	0	2	3	3	2	1	0	0	12
Total	15	0	0	5	9	8	14	48	125	294	285	115	25	7	950

Daily

15th Percentile : 25 MPH
 50th Percentile : 29 MPH
 85th Percentile : 32 MPH
 95th Percentile : 35 MPH

Mean Speed(Average) : 29 MPH
 10 MPH Pace Speed : 25-34 MPH
 Number in Pace : 742
 Percent in Pace : 78.1%
 Number of Vehicles > 30 MPH : 432
 Percent of Vehicles > 30 MPH : 45.5%

Accurate Counts
978-664-2565

Location : Drillingham Way
 Location : East of Old Town Way
 City/State: Hanover, MA

7902SPD2

EB

Start Time	1	4	7	10	13	16	19	22	25	28	31	34	37	40	Total
09/07/19	3	6	9	12	15	18	21	24	27	30	33	36	39	999	
01:00	0	0	0	0	0	0	0	0	0	2	2	0	0	0	4
02:00	0	0	0	0	0	0	0	0	0	1	1	0	0	0	2
03:00	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	0	0	0	0	0	0	0	2	1	0	0	0	0	3
06:00	1	0	0	0	0	0	0	0	2	2	4	1	0	1	11
07:00	0	0	0	0	1	0	0	2	1	6	4	0	2	0	16
08:00	1	0	0	0	0	0	0	4	5	19	12	10	0	1	52
09:00	0	0	0	0	0	0	0	2	12	16	25	12	4	0	71
10:00	0	0	0	0	0	0	1	7	6	15	20	10	5	1	65
11:00	0	0	0	0	0	0	1	2	8	30	31	19	3	1	95
12 PM	3	0	0	0	0	0	0	2	5	24	20	16	3	1	74
13:00	1	0	0	0	1	0	0	1	8	20	23	15	5	0	74
14:00	1	0	0	1	0	0	1	5	11	28	18	9	0	0	81
15:00	1	0	0	0	0	1	2	4	11	19	18	10	1	0	64
16:00	1	0	0	0	1	0	0	4	14	5	16	9	0	0	50
17:00	2	0	0	1	0	0	1	1	10	17	20	7	2	0	61
18:00	0	0	0	0	0	0	0	1	3	14	16	7	1	0	42
19:00	0	0	0	0	0	0	2	4	6	12	6	4	2	0	36
20:00	0	0	0	0	0	1	1	3	3	11	3	4	0	4	30
21:00	0	0	0	0	0	0	0	0	3	4	3	1	1	1	13
22:00	0	0	0	0	0	0	0	0	2	4	3	1	0	2	12
23:00	0	0	0	0	0	0	0	0	1	2	1	0	0	0	4
Total	11	0	0	2	3	2	9	39	110	255	257	135	29	12	864

Daily

15th Percentile : 25 MPH
 50th Percentile : 29 MPH
 85th Percentile : 33 MPH
 95th Percentile : 35 MPH
 Mean Speed(Average) : 30 MPH
 10 MPH Pace Speed : 27-36 MPH
 Number in Pace : 684
 Percent in Pace : 79.2%
 Number of Vehicles > 30 MPH : 433
 Percent of Vehicles > 30 MPH : 50.1%

Grand Total	31	0	0	10	13	17	35	121	346	811	777	367	79	27	2634
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Overall

15th Percentile : 25 MPH
 50th Percentile : 29 MPH
 85th Percentile : 33 MPH
 95th Percentile : 35 MPH
 Mean Speed(Average) : 30 MPH
 10 MPH Pace Speed : 27-36 MPH
 Number in Pace : 2070
 Percent in Pace : 78.6%
 Number of Vehicles > 30 MPH : 1250
 Percent of Vehicles > 30 MPH : 47.5%

Accurate Counts
978-664-2565

Location : Dillingham Way
Location : East of Old Town Way
City/State: Hanover, MA

7902SPD2

WB

Start	1	4	7	10	13	16	19	22	25	28	31	34	37	40	Total
Time	3	6	9	12	15	18	21	24	27	30	33	36	39	999	
09/05/19	0	0	0	0	0	0	0	0	0	2	0	1	0	0	3
01:00	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
04:00	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
05:00	0	0	0	0	0	0	0	0	1	2	0	0	0	0	3
06:00	0	0	0	0	0	0	1	0	0	2	2	3	0	0	8
07:00	2	0	0	0	0	0	0	1	3	6	11	10	1	0	34
08:00	0	0	0	0	1	2	0	0	2	9	10	6	2	0	32
09:00	0	0	0	0	0	0	0	1	5	14	9	4	5	0	38
10:00	0	0	0	0	0	0	0	2	4	9	14	5	1	0	35
11:00	0	0	0	0	0	0	2	2	13	11	11	7	2	0	48
12 PM	1	0	0	0	1	1	0	4	11	20	18	7	2	2	66
13:00	0	0	0	0	0	0	1	1	7	20	12	16	2	1	60
14:00	2	0	0	0	0	0	2	2	8	22	15	15	3	1	70
15:00	0	0	0	1	1	1	1	1	12	21	13	11	1	0	65
16:00	0	0	0	0	1	1	1	3	10	24	35	11	1	0	87
17:00	0	0	0	0	0	0	0	4	10	23	29	21	6	2	95
18:00	0	0	0	0	0	0	0	6	11	17	29	8	2	0	73
19:00	0	0	0	1	0	0	2	6	11	21	12	9	2	1	65
20:00	0	0	0	0	0	0	1	3	4	18	14	6	2	0	48
21:00	0	0	0	0	0	0	1	0	4	6	6	3	1	1	25
22:00	0	0	0	0	0	0	0	1	0	6	6	3	1	1	18
23:00	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2
Total	7	0	0	2	4	4	12	38	116	255	248	149	34	9	878

Daily
15th Percentile : 25 MPH
50th Percentile : 29 MPH
85th Percentile : 34 MPH
95th Percentile : 35 MPH

Mean Speed(Average) : 30 MPH
10 MPH Pace Speed : 27-36 MPH
Number in Pace : 691
Percent in Pace : 78.7%
Number of Vehicles > 30 MPH : 440
Percent of Vehicles > 30 MPH : 50.1%

Accurate Counts
978-664-2565

Location : Dillingham Way
 Location : East of Old Town Way
 City/State: Hanover, MA

7902SPD2

WB

Start Time	1	4	7	10	13	16	19	22	25	28	31	34	37	40	Total
09/06/19	0	0	0	0	0	0	0	0	1	0	1	2	0	1	5
01:00	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
04:00	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
05:00	0	0	0	0	0	0	0	0	1	1	0	0	0	0	2
06:00	0	0	0	0	0	1	0	0	0	5	3	2	0	0	11
07:00	0	0	0	0	1	1	0	3	4	8	8	6	2	0	33
08:00	2	0	0	1	1	1	1	2	5	8	12	5	1	1	40
09:00	0	0	0	0	0	1	2	1	8	7	14	8	1	0	42
10:00	0	0	0	0	1	1	1	0	10	14	17	15	3	1	63
11:00	0	0	0	0	1	0	0	4	9	15	15	4	1	0	49
12 PM	0	0	0	0	0	0	0	4	7	16	23	9	1	2	62
13:00	2	0	0	0	0	1	4	5	18	25	12	9	0	0	79
14:00	2	0	0	1	1	1	0	0	11	32	22	16	0	0	86
15:00	3	0	0	1	0	0	3	5	7	21	32	11	3	3	89
16:00	0	0	0	1	1	2	1	4	7	22	26	19	4	3	90
17:00	1	0	0	0	0	0	1	2	7	21	34	13	2	1	82
18:00	2	0	0	0	0	0	1	1	8	17	22	15	4	0	70
19:00	0	0	0	0	1	0	1	1	6	20	29	7	3	0	68
20:00	0	0	0	0	0	0	0	1	1	8	16	12	4	0	42
21:00	0	0	0	0	0	0	0	0	1	7	6	6	2	0	22
22:00	0	0	0	0	0	0	0	1	5	8	10	4	1	4	33
23:00	0	0	0	0	0	0	0	1	6	5	4	2	1	0	19
Total	12	0	0	4	7	9	15	35	122	261	307	166	36	16	990

Daily

15th Percentile : 25 MPH
 50th Percentile : 30 MPH
 85th Percentile : 34 MPH
 95th Percentile : 35 MPH

Mean Speed(Average) : 30 MPH

10 MPH Pace Speed : 27-36 MPH

Number in Pace : 775

Percent in Pace : 78.3%

Number of Vehicles > 30 MPH : 525

Percent of Vehicles > 30 MPH : 53.0%

Accurate Counts
978-664-2565

Location : Dillingham Way
Location : East of Old Town Way
City/State: Hanover, MA

7902SPD2

WB

Start Time	1	4	7	10	13	16	19	22	25	28	31	34	37	40	Total
Time	3	6	9	12	15	18	21	24	27	30	33	36	39	999	
09/07/19	0	0	0	0	0	0	0	0	4	3	2	0	1	0	10
01:00	0	0	0	0	0	0	0	0	0	2	1	0	0	0	3
02:00	0	0	0	0	0	0	0	0	0	1	0	0	0	1	2
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
05:00	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
06:00	0	0	0	0	0	0	0	1	1	5	0	0	0	0	7
07:00	0	0	0	0	0	0	1	0	1	0	1	2	2	0	7
08:00	0	0	0	0	0	0	0	1	6	5	8	1	0	1	22
09:00	0	0	0	0	0	0	2	2	6	12	18	10	0	3	53
10:00	0	0	0	0	0	0	0	1	10	20	22	14	4	1	72
11:00	0	0	0	0	0	0	0	3	12	9	26	16	2	3	71
12 PM	1	0	0	1	0	0	0	3	10	20	32	13	8	0	88
13:00	0	0	0	0	0	0	0	0	9	29	26	12	5	0	82
14:00	0	0	0	0	1	0	1	2	12	22	33	24	0	0	95
15:00	1	0	0	0	0	0	1	7	11	29	21	6	2	0	78
16:00	1	0	0	0	0	0	1	3	6	15	21	12	1	2	62
17:00	2	0	1	0	1	0	2	2	9	19	20	13	2	0	71
18:00	0	0	0	0	0	0	3	6	4	18	12	7	4	0	54
19:00	0	0	0	0	0	0	1	1	5	13	10	2	1	2	35
20:00	0	0	0	0	0	0	0	1	1	11	10	5	6	1	35
21:00	0	0	0	0	1	0	0	2	4	6	6	2	0	0	21
22:00	0	0	0	0	0	0	0	3	2	10	4	3	2	0	24
23:00	0	0	0	0	0	0	0	0	0	1	7	3	0	0	11
Total	6	0	1	1	5	0	12	38	113	250	280	145	40	14	905

Daily

15th Percentile : 25 MPH
50th Percentile : 30 MPH
85th Percentile : 34 MPH
95th Percentile : 35 MPH

Mean Speed(Average) : 30 MPH
10 MPH Pace Speed : 27-36 MPH
Number in Pace : 713
Percent in Pace : 78.8%
Number of Vehicles > 30 MPH : 479
Percent of Vehicles > 30 MPH : 52.9%

Grand Total 25 0 1 7 16 13 39 111 351 766 835 460 110 39 2773

Overall

15th Percentile : 25 MPH
50th Percentile : 30 MPH
85th Percentile : 34 MPH
95th Percentile : 35 MPH

Mean Speed(Average) : 30 MPH
10 MPH Pace Speed : 27-36 MPH
Number in Pace : 2178
Percent in Pace : 78.5%
Number of Vehicles > 30 MPH : 1444
Percent of Vehicles > 30 MPH : 52.1%

Accurate Counts
978-664-2565

Location : Dillingham Way
 Location : East of Old Town Way
 City/State: Hanover, MA

7902SPD2

EB_WB

Start Time	1	3	4	6	7	9	10	12	13	15	16	18	19	21	22	24	25	28	31	34	37	40	Total
09/05/19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	1	0	0	4
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	2
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	3	1	0	1	8
05:00	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	2	8	5	1	2	0	19
06:00	0	0	0	0	0	0	0	0	1	1	0	0	0	0	3	2	2	7	7	6	1	0	28
07:00	2	0	0	0	0	0	0	0	0	0	4	0	0	0	2	3	5	20	28	12	5	1	75
08:00	0	0	0	0	0	0	1	0	1	1	0	0	0	0	3	2	9	28	27	18	2	1	94
09:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	13	28	20	11	6	0	80
10:00	0	0	0	0	0	0	0	0	0	0	2	2	0	0	3	3	12	27	27	15	3	0	89
11:00	1	0	0	0	0	0	0	0	0	0	1	1	7	7	2	2	19	27	30	12	3	0	102
12 PM	2	0	0	0	0	0	1	1	1	1	0	0	1	1	6	6	19	34	33	16	5	3	121
13:00	1	0	0	0	0	0	0	0	0	0	0	0	1	1	4	4	16	40	28	28	4	1	123
14:00	2	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2	20	40	31	24	3	1	125
15:00	2	0	0	0	0	0	1	1	1	1	1	1	4	4	4	19	19	42	32	18	2	1	127
16:00	0	0	0	0	0	0	1	1	1	1	1	1	2	2	8	8	18	47	52	20	2	1	153
17:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	8	19	41	53	36	9	3	169
18:00	1	0	0	0	0	0	0	0	0	0	1	1	0	0	7	7	13	35	41	12	3	0	113
19:00	1	0	0	0	0	0	1	1	0	0	1	1	3	3	9	9	24	37	28	14	4	1	123
20:00	0	0	0	0	0	0	0	0	0	0	0	0	1	1	4	4	6	29	22	10	3	0	79
21:00	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	6	7	6	7	1	2	31
22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	0	10	7	3	1	1	25
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	7	3	1	0	7
Total	12	0	0	0	0	0	5	5	5	5	11	11	24	24	72	72	227	517	483	266	59	17	1698

Daily

15th Percentile : 25 MPH
 50th Percentile : 29 MPH
 85th Percentile : 33 MPH
 95th Percentile : 35 MPH

Mean Speed(Average) : 30 MPH
 10 MPH Pace Speed : 27-36 MPH
 Number in Pace : 1342
 Percent in Pace : 79.0%
 Number of Vehicles > 30 MPH : 825
 Percent of Vehicles > 30 MPH : 48.6%

Accurate Counts
978-664-2565

Location : Dillingham Way
Location : East of Old Town Way
City/State: Hanover, MA

7902SPD2

EB, WB

Start Time	1	3	4	6	7	9	10	12	13	15	16	18	19	21	22	24	25	27	28	30	31	33	34	36	37	39	40	Total	
09:06/19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	1	1	2	2	3	1	3	0	1	9	
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1	0	0	0	0	3	
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	2	2	1	1	1	2	2	0	2	
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	4	5	5	4	3	3	0	0	0	0	17	
06:00	1	0	0	0	0	0	0	0	2	0	1	1	0	0	0	0	3	11	11	9	9	6	6	1	1	1	0	34	
07:00	0	0	0	0	0	0	0	0	1	1	1	1	1	1	6	6	13	26	26	23	23	14	14	2	2	2	0	87	
08:00	3	0	0	0	0	0	2	2	2	2	2	2	2	2	3	3	16	33	33	32	32	11	11	11	4	4	2	112	
09:00	0	0	0	0	0	0	0	0	0	0	3	3	4	4	2	2	15	20	20	34	34	17	17	3	3	1	1	99	
10:00	1	0	0	0	0	0	0	0	3	3	1	1	2	2	6	6	19	29	29	44	44	23	23	5	5	2	2	134	
11:00	2	0	0	0	0	0	0	0	1	1	0	0	1	1	8	8	17	32	32	32	32	15	15	2	2	0	0	110	
12 PM	1	0	0	0	0	0	0	0	0	0	0	0	1	1	7	7	15	34	34	42	42	16	16	1	1	2	2	119	
13:00	3	0	0	0	0	0	2	2	0	0	3	3	8	8	13	13	30	42	42	21	21	12	12	5	5	0	0	139	
14:00	3	0	0	0	0	0	2	1	1	1	1	1	0	0	5	5	18	51	51	41	41	27	27	2	2	1	1	148	
15:00	4	0	0	0	0	0	1	2	2	2	2	2	4	4	8	8	14	52	52	65	65	20	20	6	6	3	3	178	
16:00	1	0	0	0	0	0	2	1	1	1	2	2	3	3	8	8	42	48	48	21	21	29	29	6	6	4	4	157	
17:00	4	0	0	0	0	0	0	0	0	0	0	0	1	1	5	5	14	39	39	56	56	22	22	4	4	2	2	147	
18:00	2	0	0	0	0	0	0	0	2	2	0	0	1	1	4	4	17	40	40	47	47	24	24	6	6	1	1	144	
19:00	2	0	0	0	0	0	0	0	1	1	0	0	1	1	3	3	17	42	42	45	45	8	8	4	4	1	1	124	
20:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	2	16	16	23	23	14	14	4	4	0	0	62	
21:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	4	4	11	11	6	6	8	8	2	2	0	0	34
22:00	0	0	0	0	0	0	0	0	0	0	1	1	0	0	3	3	8	11	11	12	12	5	5	1	1	4	4	45	
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	7	8	8	8	8	2	2	1	1	0	0	28	
Total	27	0	0	0	0	0	9	9	16	16	17	17	29	29	83	83	247	555	592	281	2	2	61	23	23	23	1940		

Daily

15th Percentile : 25 MPH
50th Percentile : 29 MPH
85th Percentile : 33 MPH
95th Percentile : 35 MPH

Mean Speed(Average) : 30 MPH
10 MPH Pace Speed : 27-36 MPH
Number in Pace : 1510
Percent in Pace : 77.8%
Number of Vehicles > 30 MPH : 957
Percent of Vehicles > 30 MPH : 49.3%

Accurate Counts
978-664-2565

Location : Dillingham Way
Location : East of Old Town Way
City/State: Hanover, MA

7902SPD2

EB_WB

Start Time	1	3	4	6	7	9	10	12	13	15	16	18	19	21	22	24	25	28	31	34	37	40	Total
09/07/19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	5	4	0	1	0	14
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	2	0	0	0	5
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	4
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2
04:00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
05:00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	2	1	0	0	0	0	4
06:00	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	7	4	1	0	1	18
07:00	0	0	0	0	0	0	0	0	1	0	0	0	1	1	2	2	2	6	5	2	4	0	23
08:00	1	0	0	0	0	0	0	0	0	0	0	0	0	0	5	11	11	24	20	0	0	2	74
09:00	0	0	0	0	0	0	0	0	0	0	0	0	2	2	4	18	16	28	43	22	4	3	124
10:00	0	0	0	0	0	0	0	0	0	0	0	0	1	1	8	16	35	42	35	9	2	2	137
11:00	0	0	0	0	0	0	0	0	0	0	0	0	1	1	5	20	39	57	35	5	4	4	166
12 PM	4	0	0	0	0	0	1	0	0	0	0	0	0	0	5	15	44	52	29	11	1	1	162
13:00	2	0	0	0	0	0	0	0	1	0	0	0	0	0	1	17	49	61	33	10	0	0	156
14:00	1	0	0	0	0	0	1	0	1	0	0	0	2	2	7	20	50	61	33	0	0	0	176
15:00	2	0	0	0	0	0	0	0	0	0	1	1	3	3	8	22	48	39	16	3	0	0	142
16:00	2	0	0	0	0	0	0	0	1	0	0	0	1	1	7	20	20	37	21	1	2	0	112
17:00	4	0	0	0	0	1	0	1	1	1	0	0	3	3	3	19	36	40	20	4	0	0	132
18:00	0	0	0	0	0	0	0	0	0	0	0	0	3	3	7	7	32	28	14	5	0	0	96
19:00	0	0	0	0	0	0	0	0	0	0	0	0	3	3	5	11	25	16	6	3	2	2	71
20:00	0	0	0	0	0	0	0	0	0	0	1	0	1	1	4	4	22	13	9	6	5	5	65
21:00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	2	7	10	9	3	1	1	1	34
22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	4	14	7	4	2	2	2	36
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	8	3	0	0	0	15
Total	17	0	0	0	1	1	3	3	8	8	2	2	21	21	77	223	505	537	280	69	26	0	1789

Daily

15th Percentile : 25 MPH
50th Percentile : 30 MPH
85th Percentile : 33 MPH
95th Percentile : 35 MPH

Mean Speed(Average) : 30 MPH
10 MPH Pace Speed : 27-36 MPH
Number in Pace : 1396
Percent in Pace : 78.9%
Number of Vehicles > 30 MPH : 912
Percent of Vehicles > 30 MPH : 51.6%

Grand Total	56	0	1	17	29	30	74	232	697	1577	1612	827	189	66	5407
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Overall

15th Percentile : 25 MPH
50th Percentile : 29 MPH
85th Percentile : 33 MPH
95th Percentile : 35 MPH

Mean Speed(Average) : 30 MPH
10 MPH Pace Speed : 27-36 MPH
Number in Pace : 4248
Percent in Pace : 78.6%
Number of Vehicles > 30 MPH : 2694
Percent of Vehicles > 30 MPH : 49.8%

Accurate Counts
978-664-2565

Page 1

Location : Old Town Way
Location : North of Judge Cotton Way
City/State: Hanover, MA

7902VOL3

Start Time	9/5/2019 Thu	SB		Hour Totals		NB		Hour Totals		Combined Totals	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		0	2			0	3				
12:15		0	4			1	3				
12:30		0	4			0	5				
12:45		1	5	1	15	0	2	1	13	2	28
01:00		0	0			0	2				
01:15		0	2			0	5				
01:30		0	3			0	1				
01:45		0	2	0	7	0	1	0	9	0	16
02:00		0	3			0	5				
02:15		0	4			0	2				
02:30		0	4			0	4				
02:45		0	3	0	14	0	4	0	15	0	29
03:00		0	4			0	3				
03:15		0	1			0	1				
03:30		0	8			0	6				
03:45		0	1	0	14	0	5	0	15	0	29
04:00		0	2			0	5				
04:15		0	3			0	2				
04:30		0	3			0	2				
04:45		1	2	1	10	0	3	0	12	1	22
05:00		0	3			1	6				
05:15		1	5			0	1				
05:30		0	3			3	4				
05:45		1	3	2	14	3	3	7	14	9	28
06:00		0	6			3	1				
06:15		0	3			0	3				
06:30		1	1			2	3				
06:45		1	1	2	11	2	2	7	9	9	20
07:00		0	2			8	0				
07:15		4	1			4	2				
07:30		1	2			4	5				
07:45		3	1	8	6	5	2	21	9	29	15
08:00		1	1			2	2				
08:15		1	1			0	0				
08:30		3	2			4	0				
08:45		1	0	6	4	2	2	8	4	14	8
09:00		4	2			3	0				
09:15		4	0			6	0				
09:30		1	1			2	0				
09:45		3	0	12	3	3	0	14	0	26	3
10:00		3	0			3	0				
10:15		1	1			2	1				
10:30		2	0			2	0				
10:45		4	1	10	2	7	0	14	1	24	3
11:00		3	0			4	0				
11:15		4	0			0	0				
11:30		2	1			4	0				
11:45		1	0	10	1	2	0	10	0	20	1
Total		52	101			82	101			134	202
Percent		34.0%	66.0%			44.8%	55.2%			39.9%	60.1%

Accurate Counts
978-664-2565

Page 2

Location : Old Town Way
Location : North of Judge Cotton Way
City/State: Hanover, MA

7902VOL3

Start Time	9/6/2019 Fri	SB		Hour Totals		NB		Hour Totals		Combined Totals	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		1	2			0	7				
12:15		0	5			0	2				
12:30		0	4			0	4				
12:45		0	1	1	12	1	1	1	14	2	26
01:00		0	3			0	2				
01:15		0	1			0	3				
01:30		0	8			0	2				
01:45		0	4	0	16	0	1	0	8	0	24
02:00		0	3			0	6				
02:15		0	4			0	2				
02:30		0	7			0	3				
02:45		0	5	0	19	0	3	0	14	0	33
03:00		0	2			0	3				
03:15		0	8			0	1				
03:30		0	6			0	4				
03:45		0	2	0	18	0	6	0	14	0	32
04:00		0	1			0	4				
04:15		0	3			0	1				
04:30		0	4			1	3				
04:45		0	3	0	11	0	2	1	10	1	21
05:00		1	4			1	2				
05:15		0	3			2	3				
05:30		0	4			2	3				
05:45		0	2	1	13	4	5	9	13	10	26
06:00		2	3			1	1				
06:15		1	2			1	2				
06:30		2	0			1	3				
06:45		1	5	6	10	1	2	4	8	10	18
07:00		0	4			6	3				
07:15		3	2			4	0				
07:30		2	3			4	3				
07:45		2	2	7	11	8	3	22	9	29	20
08:00		2	2			5	3				
08:15		2	2			3	2				
08:30		3	2			4	1				
08:45		2	1	9	7	3	1	15	7	24	14
09:00		2	4			3	0				
09:15		1	1			5	2				
09:30		2	0			0	0				
09:45		2	0	7	5	1	1	9	3	16	8
10:00		0	0			1	0				
10:15		2	0			6	0				
10:30		3	0			1	0				
10:45		4	0	9	0	2	0	10	0	19	0
11:00		2	0			3	0				
11:15		3	0			3	0				
11:30		1	0			1	0				
11:45		4	0	10	0	1	0	8	0	18	0
Total		50	122			79	100			129	222
Percent		29.1%	70.9%			44.1%	55.9%			36.8%	63.2%

Location : Old Town Way
Location : North of Judge Cotton Way
City/State: Hanover, MA

7902VOL3

Start Time	9/7/2019 Sat	SB		Hour Totals		NB		Hour Totals		Combined Totals	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		2	8			0	1				
12:15		0	6			1	3				
12:30		0	1			0	4				
12:45		1	5	3	20	1	1	2	9	5	29
01:00		0	5			0	2				
01:15		0	4			0	1				
01:30		0	4			0	5				
01:45		0	3	0	16	0	7	0	15	0	31
02:00		0	2			0	6				
02:15		0	7			0	5				
02:30		0	7			1	3				
02:45		0	2	0	18	0	4	1	18	1	36
03:00		0	4			0	2				
03:15		0	6			0	2				
03:30		0	2			0	9				
03:45		0	4	0	16	0	10	0	23	0	39
04:00		0	1			0	4				
04:15		0	1			0	4				
04:30		0	4			0	3				
04:45		0	6	0	12	1	2	1	13	1	25
05:00		0	9			0	5				
05:15		0	1			0	2				
05:30		0	5			1	6				
05:45		1	5	1	20	0	1	1	14	2	34
06:00		0	4			0	0				
06:15		0	5			0	3				
06:30		0	5			0	1				
06:45		0	3	0	17	3	1	3	5	3	22
07:00		0	2			3	0				
07:15		1	1			1	3				
07:30		1	3			1	2				
07:45		2	5	4	11	3	2	8	7	12	18
08:00		2	1			2	1				
08:15		3	0			3	0				
08:30		2	2			5	0				
08:45		0	0	7	3	3	0	13	1	20	4
09:00		2	1			4	2				
09:15		1	2			2	3				
09:30		4	1			3	2				
09:45		4	1	11	5	1	2	10	9	21	14
10:00		1	1			6	0				
10:15		2	1			6	0				
10:30		1	0			1	0				
10:45		6	1	10	3	4	0	17	0	27	3
11:00		0	0			4	0				
11:15		2	0			2	0				
11:30		3	0			3	0				
11:45		4	1	9	1	0	1	9	1	18	2
Total		45	142			65	115			110	257
Percent		24.1%	75.9%			36.1%	63.9%			30.0%	70.0%
Grand Total		147	365			226	316			373	681
Percent		28.7%	71.3%			41.7%	58.3%			35.4%	64.6%
ADT		ADT 351		AADT 351							

7902VOL3

Start Time	9/2/2019		Tue		Wed		Thu		Fri		Sat		Sun		Week Average	
	SB	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB	NB
12:00 AM	*	*	*	*	*	*	*	*	*	*	*	*	*	*	2	1
01:00	*	*	*	*	*	*	0	0	0	0	0	0	*	*	0	0
02:00	*	*	*	*	*	*	0	0	0	0	0	0	*	*	0	0
03:00	*	*	*	*	*	*	0	0	0	0	0	0	*	*	0	0
04:00	*	*	*	*	*	*	1	0	0	1	0	0	*	*	0	0
05:00	*	*	*	*	*	*	2	7	1	9	1	1	*	*	1	1
06:00	*	*	*	*	*	*	2	7	6	4	0	3	*	*	3	5
07:00	*	*	*	*	*	*	8	21	7	22	4	8	*	*	6	17
08:00	*	*	*	*	*	*	6	8	9	15	7	13	*	*	7	12
09:00	*	*	*	*	*	*	12	14	7	9	11	10	*	*	10	11
10:00	*	*	*	*	*	*	10	14	9	10	10	17	*	*	10	14
11:00	*	*	*	*	*	*	10	10	10	8	9	9	*	*	10	9
12:00 PM	*	*	*	*	*	*	15	13	12	14	20	16	*	*	16	12
01:00	*	*	*	*	*	*	7	9	16	8	15	15	*	*	13	11
02:00	*	*	*	*	*	*	14	15	19	14	18	18	*	*	17	16
03:00	*	*	*	*	*	*	14	15	18	14	16	23	*	*	16	17
04:00	*	*	*	*	*	*	10	12	11	10	12	13	*	*	11	12
05:00	*	*	*	*	*	*	14	14	13	13	20	14	*	*	16	14
06:00	*	*	*	*	*	*	11	9	10	8	17	5	*	*	13	7
07:00	*	*	*	*	*	*	6	9	11	9	11	7	*	*	9	8
08:00	*	*	*	*	*	*	4	4	7	3	3	1	*	*	5	4
09:00	*	*	*	*	*	*	3	0	5	3	5	9	*	*	4	4
10:00	*	*	*	*	*	*	2	1	0	0	3	0	*	*	2	0
11:00	*	*	*	*	*	*	1	0	0	0	1	1	*	*	1	0
Lane	0	0	0	0	0	0	153	183	172	179	187	180	0	0	172	181
Day	0	0	0	0	0	0	336	351	351	367	367	353	0	0	353	353
AM Peak	-	-	-	-	-	-	09:00	07:00	11:00	07:00	09:00	10:00	-	-	09:00	07:00
Vol.	-	-	-	-	-	-	12	21	10	22	11	17	-	-	10	17
PM Peak	-	-	-	-	-	-	12:00	14:00	14:00	12:00	12:00	15:00	-	-	14:00	15:00
Vol.	-	-	-	-	-	-	15	15	19	14	20	23	-	-	17	17

Comb.	0	0	0	336	351	367	0	353
Total								

ADT	ADT 351	AADT 351
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Accurate Counts
978-664-2565

Location : Old Town Way
Location : North of Judge Cotton Way
City/State: Hanover, MA

7902SPD3

SB

Start Time	1	4	7	10	13	16	19	22	25	28	31	34	37	40	Total
Time	3	6	9	12	15	18	21	24	27	30	33	36	39	999	
09/05/19	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
05:00	0	0	0	0	0	0	0	0	1	1	0	0	0	0	2
06:00	0	0	0	0	0	0	0	0	1	0	1	0	0	0	2
07:00	0	0	0	0	0	0	1	3	0	3	0	1	0	0	8
08:00	0	0	0	0	0	0	0	1	1	2	1	1	0	0	6
09:00	0	0	0	0	0	0	0	2	4	1	2	3	0	0	12
10:00	2	0	0	0	0	0	0	0	2	1	3	0	1	0	10
11:00	0	0	0	0	0	0	2	0	2	4	1	0	1	0	10
12 PM	0	0	1	0	0	1	2	2	1	3	3	1	1	0	15
13:00	0	0	0	0	0	0	0	0	1	0	2	4	0	0	7
14:00	0	0	0	0	0	0	2	1	0	4	1	3	3	0	14
15:00	0	0	0	0	1	1	1	3	4	4	0	0	0	0	14
16:00	0	0	0	0	0	0	1	0	1	2	3	2	1	0	10
17:00	0	0	0	0	0	0	0	1	2	0	2	7	2	0	14
18:00	0	0	0	0	0	0	1	0	0	3	6	1	0	0	11
19:00	0	0	0	0	0	0	0	1	2	1	1	1	0	0	6
20:00	0	0	0	0	0	0	0	0	2	0	1	1	0	0	4
21:00	0	0	0	0	0	0	0	0	0	1	0	2	0	0	3
22:00	0	0	0	0	0	0	0	0	0	0	1	1	0	0	2
23:00	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
Total	2	0	1	0	1	2	10	15	24	31	30	28	9	0	153

Daily

15th Percentile : 22 MPH
50th Percentile : 29 MPH
85th Percentile : 34 MPH
95th Percentile : 36 MPH

Mean Speed(Average) : 29 MPH
10 MPH Pace Speed : 27-36 MPH
Number in Pace : 97
Percent in Pace : 63.4%
Number of Vehicles > 30 MPH : 67
Percent of Vehicles > 30 MPH : 43.8%

Accurate Counts 978-664-2565

Location : Old Town Way
Location : North of Judge Cotton Way
City/State : Hanover, MA

7902SPD3

SB

Start Time	1	3	4	6	7	9	10	12	13	15	16	18	19	21	22	24	25	28	31	34	37	40	Total
09/06/19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
06:00	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	1	2	1	1	1	0	0	6
07:00	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	1	1	1	1	1	0	0	7
08:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	1	3	1	1	0	9
09:00	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	3	2	1	0	0	0	7
10:00	0	0	0	0	0	0	0	0	0	0	1	0	0	0	4	0	0	2	2	0	0	0	9
11:00	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	3	4	1	1	0	0	10
12 PM	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	2	5	1	1	0	0	12
13:00	1	0	0	0	0	0	0	0	0	0	0	0	1	1	6	1	2	2	2	1	0	0	16
14:00	1	0	0	0	0	0	0	0	1	1	0	0	0	0	1	1	1	4	6	5	0	0	19
15:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	9	4	1	1	0	0	18
16:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	1	3	1	1	0	0	11
17:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	4	1	0	0	13
18:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	4	1	0	0	10
19:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	2	1	0	0	11
20:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	2	0	1	0	7
21:00	0	1	0	0	0	0	0	0	0	0	2	0	0	0	0	0	1	0	1	0	0	0	5
22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	3	1	1	1	1	1	0	0	1	1	5	5	2	2	22	30	42	35	23	6	1	1	172

Daily

15th Percentile : 22 MPH
50th Percentile : 28 MPH
85th Percentile : 33 MPH
95th Percentile : 35 MPH

Mean Speed(Average) : 28 MPH
10 MPH Pace Speed : 25-34 MPH
Number in Pace : 115
Percent in Pace : 66.9%
Number of Vehicles > 30 MPH : 65
Percent of Vehicles > 30 MPH : 37.8%

Accurate Counts
978-664-2565

Location : Old Town Way
Location : North of Judge Cotton Way
City/State: Hanover, MA

7902SPD3

SB

Start Time	1	4	7	10	13	16	19	22	25	28	31	34	37	40	Total
Time	3	6	9	12	15	18	21	24	27	30	33	36	39	999	
09/07/19	0	0	0	0	0	0	0	2	1	0	0	0	0	0	3
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
06:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:00	0	0	0	0	0	0	0	1	0	1	2	0	0	0	4
08:00	0	0	0	0	0	0	0	0	0	1	2	3	0	1	7
09:00	0	0	0	0	0	0	0	0	3	4	3	1	0	0	11
10:00	1	0	0	0	0	0	2	0	3	4	0	0	0	0	10
11:00	0	0	0	1	0	0	1	0	1	2	2	1	1	0	9
12 PM	0	0	0	0	0	0	1	0	6	8	3	2	0	0	20
13:00	0	0	0	0	0	1	1	2	4	2	3	2	0	1	16
14:00	1	0	0	0	0	0	2	1	4	3	5	1	1	0	18
15:00	1	0	0	0	0	0	2	1	3	2	4	3	0	0	16
16:00	0	0	0	0	0	0	0	0	6	2	2	1	1	0	12
17:00	0	0	0	0	0	0	0	0	5	2	8	4	0	1	20
18:00	1	0	0	0	0	0	0	1	1	7	5	2	0	0	17
19:00	0	0	0	0	0	0	0	1	3	2	2	1	2	0	11
20:00	0	0	0	0	0	0	0	0	1	2	0	0	0	0	3
21:00	0	0	0	0	0	0	0	3	1	0	0	1	0	0	5
22:00	0	0	0	0	0	0	2	0	0	0	1	0	0	0	3
23:00	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
Total	4	0	0	1	0	1	11	13	42	43	42	22	5	3	187

Daily

15th Percentile : 23 MPH
50th Percentile : 28 MPH
85th Percentile : 32 MPH
95th Percentile : 35 MPH

Mean Speed(Average) : 28 MPH
10 MPH Pace Speed : 25-34 MPH
Number in Pace : 134
Percent in Pace : 71.7%
Number of Vehicles > 30 MPH : 72
Percent of Vehicles > 30 MPH : 38.5%

Grand Total	9	1	2	1	2	8	23	50	96	116	107	73	20	4	512
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Overall

15th Percentile : 22 MPH
50th Percentile : 28 MPH
85th Percentile : 33 MPH
95th Percentile : 35 MPH

Mean Speed(Average) : 28 MPH
10 MPH Pace Speed : 25-34 MPH
Number in Pace : 343
Percent in Pace : 67.0%
Number of Vehicles > 30 MPH : 204
Percent of Vehicles > 30 MPH : 39.8%

Accurate Counts 978-664-2565

Location : Old Town Way
Location : North of Judge Cotton Way
City/State: Hanover, MA

7902SPD3

NB

Start Time	1	3	4	6	7	9	10	12	13	15	16	18	19	21	22	24	25	27	28	30	31	33	34	36	37	39	40	Total
09/05/19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	4	0	0	0	0	0	0	0	0	7
06:00	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	2	2	2	0	1	1	0	0	0	7
07:00	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1	1	3	0	7	7	7	0	1	1	0	1	1	21
08:00	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	2	2	3	3	1	1	0	0	0	8
09:00	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	1	3	3	3	3	1	1	4	1	0	0	0	14
10:00	0	0	0	0	0	0	0	0	1	1	0	0	0	0	1	1	2	2	5	5	3	3	1	1	1	0	0	14
11:00	2	0	0	0	0	0	0	0	0	0	0	0	2	2	1	1	1	1	0	0	3	3	1	1	0	0	0	10
12 PM	1	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	4	4	4	4	3	3	0	0	0	0	0	13
13:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	6	3	3	2	2	0	0	0	0	0	9
14:00	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	6	6	2	2	2	3	3	1	1	0	0	15
15:00	0	0	0	0	0	0	0	0	0	0	1	1	2	2	2	2	8	8	2	2	0	0	1	1	1	0	0	15
16:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	2	6	6	1	0	0	0	2	0	0	12
17:00	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	1	4	4	1	5	3	3	0	0	0	14
18:00	0	0	0	0	0	0	0	0	0	0	1	1	1	1	2	2	2	2	1	1	1	1	1	1	0	0	0	9
19:00	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	3	3	4	4	0	0	1	1	0	0	0	9
20:00	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	1	1	1	1	1	1	0	0	0	4
21:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Total	3	0	0	0	0	0	0	0	2	2	5	5	12	12	11	11	39	51	51	36	36	19	19	4	4	1	1	183

Daily

15th Percentile : 22 MPH
50th Percentile : 28 MPH
85th Percentile : 32 MPH
95th Percentile : 35 MPH

Mean Speed(Average) : 28 MPH
10 MPH Pace Speed : 25-34 MPH

Number in Pace : 132
Percent in Pace : 72.1%
Number of Vehicles > 30 MPH : 60
Percent of Vehicles > 30 MPH : 32.8%

Accurate Counts
978-664-2565

Location : Old Town Way
Location : North of Judge Cotton Way
City/State: Hanover, MA

7902SPD3

NB

Start Time	1	3	4	6	7	9	10	12	13	15	16	18	19	21	22	24	25	27	28	30	31	33	34	36	37	39	40	Total
09/06/19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	1
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Daily	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

15th Percentile : 23 MPH
50th Percentile : 28 MPH
85th Percentile : 32 MPH
95th Percentile : 35 MPH

Mean Speed(Average) : 28 MPH
10 MPH Pace Speed : 25-34 MPH
Number in Pace : 133
Percent in Pace : 74.3%
Number of Vehicles > 30 MPH : 59
Percent of Vehicles > 30 MPH : 33.0%

Accurate Counts 978-864-2565

Location : Old Town Way
Location : North of Judge Cotton Way
City/State: Hanover, MA

7902SPD3

SB, NB

Start Time	1	4	7	10	13	16	19	22	25	28	31	34	37	40	Total
09/05/19	3	6	9	12	15	18	21	24	27	30	33	36	39	40	
01:00	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
05:00	0	0	0	0	0	0	1	1	2	5	0	0	0	0	9
06:00	0	0	0	0	0	1	0	0	2	2	3	1	0	0	9
07:00	0	0	0	0	0	1	1	4	3	10	7	2	0	1	29
08:00	0	0	0	0	0	0	2	1	1	4	4	2	0	0	14
09:00	0	0	0	0	0	0	1	4	7	4	3	7	0	0	26
10:00	2	0	0	0	1	0	0	2	4	6	6	1	2	0	24
11:00	2	0	0	0	0	0	4	1	3	4	4	1	1	0	20
12 PM	1	0	1	0	0	1	3	2	5	7	6	1	1	0	28
13:00	0	0	0	0	0	0	0	1	6	3	4	4	0	0	16
14:00	0	0	0	0	1	0	2	1	10	7	3	6	3	0	29
15:00	0	0	0	0	1	2	3	5	3	6	4	1	1	0	29
16:00	0	0	0	0	0	0	1	1	3	8	4	2	2	0	22
17:00	0	0	0	0	0	0	1	1	3	4	7	10	2	0	28
18:00	0	0	0	0	0	1	2	2	2	4	7	2	0	0	20
19:00	0	0	0	0	0	1	0	1	5	5	1	2	0	0	15
20:00	0	0	0	0	0	0	1	0	2	1	2	2	0	0	8
21:00	0	0	0	0	0	0	0	0	0	1	0	2	0	0	3
22:00	0	0	0	0	0	0	0	0	0	0	2	1	0	0	3
23:00	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
Total	5	0	1	0	3	7	22	26	63	82	66	47	13	1	336

Daily

15th Percentile : 22 MPH
50th Percentile : 28 MPH
85th Percentile : 33 MPH
95th Percentile : 35 MPH

Mean Speed(Average) : 28 MPH
10 MPH Pace Speed : 25-34 MPH
Number in Pace : 227
Percent in Pace : 67.6%
Number of Vehicles > 30 MPH : 127
Percent of Vehicles > 30 MPH : 37.8%

Accurate Counts
978-664-2565

Location : Old Town Way
Location : North of Judge Cotton Way
City/State: Hanover, MA

7902SPD3

SB, NB

Start Time	1	4	7	10	13	16	19	22	25	28	31	34	37	40	Total
09/06/19	3	6	9	12	15	18	21	24	27	30	33	36	39	40	
01:00	0	0	0	0	0	0	0	1	0	0	0	1	0	0	2
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	0	0	0	0	1	1	0	3	3	2	1	0	0	1
06:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:00	0	0	0	0	0	0	0	2	2	2	2	3	0	1	10
08:00	0	0	0	0	2	0	2	5	7	5	5	6	0	0	29
09:00	0	0	0	0	0	0	0	0	1	6	7	5	1	0	24
10:00	0	0	0	0	0	1	0	5	4	7	2	0	0	0	16
11:00	0	0	0	0	0	1	1	0	5	7	2	2	0	0	19
12 PM	1	0	1	0	0	0	1	1	7	8	3	3	1	0	18
13:00	1	0	0	0	1	1	1	7	5	4	3	1	0	0	26
14:00	0	0	0	0	1	1	0	4	13	8	10	6	0	0	33
15:00	0	0	0	0	0	0	2	3	4	6	5	1	1	0	32
16:00	0	0	0	0	0	0	1	0	4	8	3	1	1	0	21
17:00	0	0	0	0	0	0	3	0	4	5	6	6	2	0	26
18:00	0	0	0	0	0	0	0	0	2	6	6	3	1	0	18
19:00	0	0	0	0	1	0	0	0	1	7	5	4	2	0	20
20:00	0	0	0	0	0	0	0	1	4	4	4	0	0	1	14
21:00	0	1	1	1	0	2	0	0	1	0	1	1	0	0	8
22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	3	1	2	1	5	7	13	30	74	91	68	45	9	2	351

Daily

15th Percentile : 23 MPH
50th Percentile : 28 MPH
85th Percentile : 33 MPH
95th Percentile : 35 MPH

Mean Speed(Average) : 28 MPH
10 MPH Pace Speed : 25-34 MPH
Number in Pace : 248
Percent in Pace : 70.7%
Number of Vehicles > 30 MPH : 124
Percent of Vehicles > 30 MPH : 35.3%

