



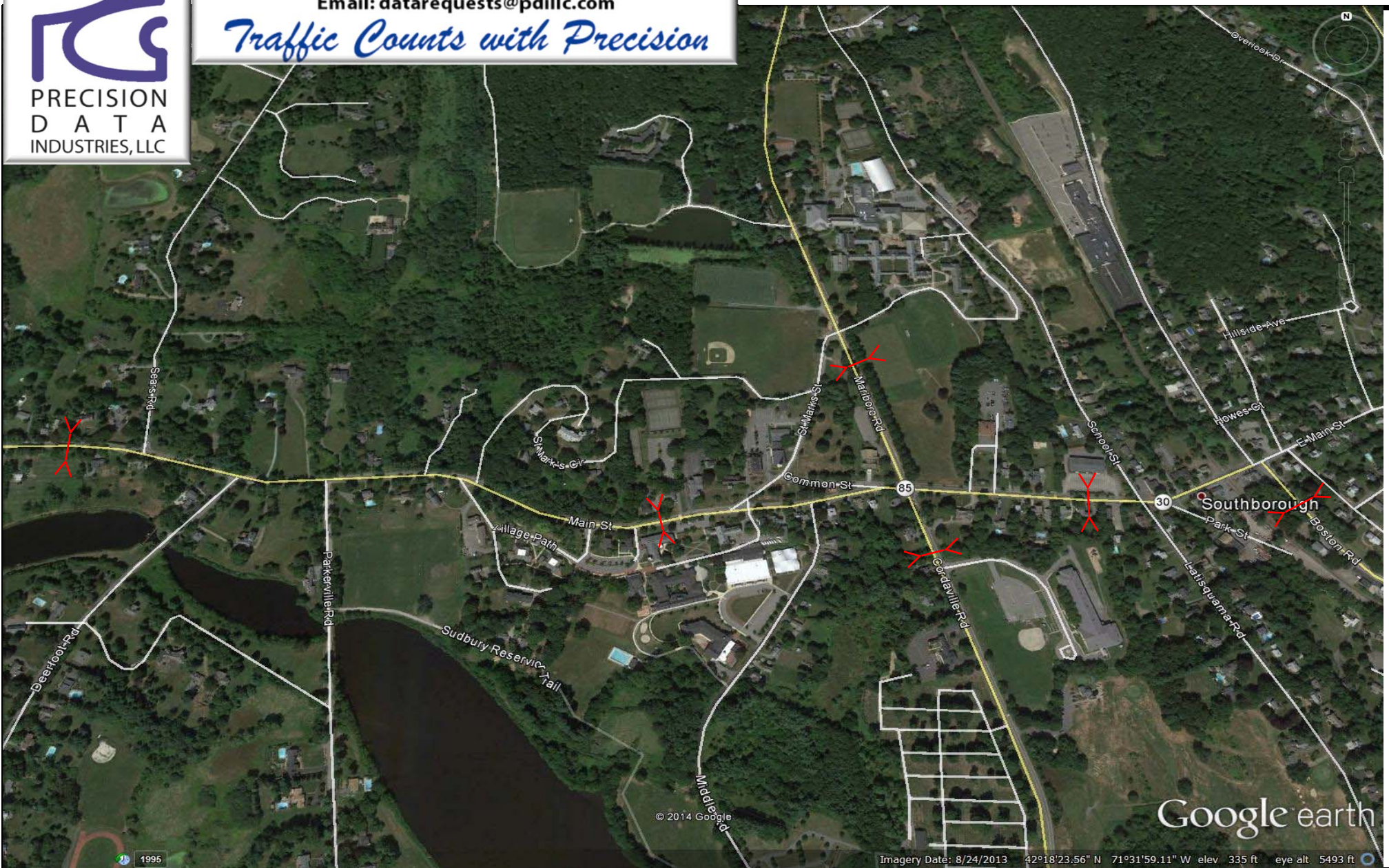
PRECISION
DATA
INDUSTRIES, LLC

PRECISION DATA INDUSTRIES, LLC

Office: 508.481.3999 Fax: 508.545.1234

Email: datarequests@pdillc.com

Traffic Counts with Precision



Google earth

Imagery Date: 8/24/2013 42°18'23.56" N 71°31'59.11" W elev 335 ft eye alt 5493 ft

Client:
VHB

Engineer:
G. Russell

Site Code:
TBA

Date:
Wed 5/7 thru Thurs 5/8/14

PDI Job Number:
143831

City, State:
Southborough, MA



PRECISION
D A T A
INDUSTRIES, LLC

P.O. Box 301 Berlin, MA 01503
Office: 508.481.3999 Fax: 508.545.1234
Email: datarequests@pdillc.com

N/S: Route 85
E/W: Main Street (Route 30)
City, State: Southborough, MA
Client: VHB/ G. Russell

File Name : 143831 A
Site Code : 12389.04
Start Date : 5/8/2014
Page No : 1

Groups Printed- Cars - Heavy Vehicles

| Start Time | Marlborough Road (Route 85) From North | | | | Main Street (Route 30) From East | | | | Cordaville Road (Route 85) From South | | | | Main Street (Route 30) From West | | | | Int. Total |
|------------------|---|------|------|--------|-------------------------------------|------|------|--------|--|------|------|--------|-------------------------------------|------|------|--------|------------|
| | Right | Thru | Left | U-Turn | Right | Thru | Left | U-Turn | Right | Thru | Left | U-Turn | Right | Thru | Left | U-Turn | |
| 07:00 AM | 1 | 75 | 1 | 0 | 1 | 19 | 15 | 0 | 24 | 60 | 20 | 0 | 29 | 93 | 4 | 0 | 342 |
| 07:15 AM | 6 | 64 | 2 | 0 | 3 | 30 | 5 | 0 | 29 | 57 | 22 | 0 | 25 | 98 | 2 | 0 | 343 |
| 07:30 AM | 16 | 71 | 4 | 0 | 0 | 49 | 6 | 0 | 34 | 61 | 27 | 0 | 34 | 103 | 8 | 0 | 413 |
| 07:45 AM | 21 | 78 | 10 | 0 | 1 | 59 | 21 | 0 | 41 | 57 | 33 | 0 | 46 | 94 | 14 | 0 | 475 |
| Total | 44 | 288 | 17 | 0 | 5 | 157 | 47 | 0 | 128 | 235 | 102 | 0 | 134 | 388 | 28 | 0 | 1573 |
| 08:00 AM | 1 | 80 | 8 | 0 | 10 | 21 | 10 | 0 | 39 | 73 | 23 | 0 | 37 | 120 | 5 | 0 | 427 |
| 08:15 AM | 5 | 83 | 7 | 0 | 3 | 27 | 14 | 0 | 31 | 59 | 18 | 0 | 38 | 113 | 3 | 0 | 401 |
| 08:30 AM | 0 | 65 | 5 | 0 | 7 | 29 | 23 | 0 | 36 | 53 | 24 | 0 | 39 | 102 | 4 | 0 | 387 |
| 08:45 AM | 3 | 69 | 3 | 0 | 6 | 22 | 26 | 0 | 37 | 49 | 39 | 0 | 30 | 88 | 1 | 0 | 373 |
| Total | 9 | 297 | 23 | 0 | 26 | 99 | 73 | 0 | 143 | 234 | 104 | 0 | 144 | 423 | 13 | 0 | 1588 |
| Grand Total | 53 | 585 | 40 | 0 | 31 | 256 | 120 | 0 | 271 | 469 | 206 | 0 | 278 | 811 | 41 | 0 | 3161 |
| Apprch % | 7.8 | 86.3 | 5.9 | 0 | 7.6 | 62.9 | 29.5 | 0 | 28.6 | 49.6 | 21.8 | 0 | 24.6 | 71.8 | 3.6 | 0 | |
| Total % | 1.7 | 18.5 | 1.3 | 0 | 1 | 8.1 | 3.8 | 0 | 8.6 | 14.8 | 6.5 | 0 | 8.8 | 25.7 | 1.3 | 0 | |
| Cars | 53 | 563 | 36 | 0 | 28 | 247 | 112 | 0 | 262 | 440 | 197 | 0 | 266 | 799 | 39 | 0 | 3042 |
| % Cars | 100 | 96.2 | 90 | 0 | 90.3 | 96.5 | 93.3 | 0 | 96.7 | 93.8 | 95.6 | 0 | 95.7 | 98.5 | 95.1 | 0 | 96.2 |
| Heavy Vehicles | 0 | 22 | 4 | 0 | 3 | 9 | 8 | 0 | 9 | 29 | 9 | 0 | 12 | 12 | 2 | 0 | 119 |
| % Heavy Vehicles | 0 | 3.8 | 10 | 0 | 9.7 | 3.5 | 6.7 | 0 | 3.3 | 6.2 | 4.4 | 0 | 4.3 | 1.5 | 4.9 | 0 | 3.8 |

| Start Time | Marlborough Road (Route 85) From North | | | | | Main Street (Route 30) From East | | | | | Cordaville Road (Route 85) From South | | | | | Main Street (Route 30) From West | | | | | Int. Total |
|--|---|-----------|-----------|--------|------------|-------------------------------------|-----------|-----------|--------|------------|--|-----------|-----------|--------|------------|-------------------------------------|------------|-----------|--------|------------|------------|
| | Right | Thru | Left | U-Turn | App. Total | Right | Thru | Left | U-Turn | App. Total | Right | Thru | Left | U-Turn | App. Total | Right | Thru | Left | U-Turn | App. Total | |
| Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1 | | | | | | | | | | | | | | | | | | | | | |
| Peak Hour for Entire Intersection Begins at 07:30 AM | | | | | | | | | | | | | | | | | | | | | |
| 07:30 AM | 16 | 71 | 4 | 0 | 91 | 0 | 49 | 6 | 0 | 55 | 34 | 61 | 27 | 0 | 122 | 34 | 103 | 8 | 0 | 145 | 413 |
| 07:45 AM | 21 | 78 | 10 | 0 | 109 | 1 | 59 | 21 | 0 | 81 | 41 | 57 | 33 | 0 | 131 | 46 | 94 | 14 | 0 | 154 | 475 |
| 08:00 AM | 1 | 80 | 8 | 0 | 89 | 10 | 21 | 10 | 0 | 41 | 39 | 73 | 23 | 0 | 135 | 37 | 120 | 5 | 0 | 162 | 427 |
| 08:15 AM | 5 | 83 | 7 | 0 | 95 | 3 | 27 | 14 | 0 | 44 | 31 | 59 | 18 | 0 | 108 | 38 | 113 | 3 | 0 | 154 | 401 |
| Total Volume | 43 | 312 | 29 | 0 | 384 | 14 | 156 | 51 | 0 | 221 | 145 | 250 | 101 | 0 | 496 | 155 | 430 | 30 | 0 | 615 | 1716 |
| % App. Total | 11.2 | 81.2 | 7.6 | 0 | | 6.3 | 70.6 | 23.1 | 0 | | 29.2 | 50.4 | 20.4 | 0 | | 25.2 | 69.9 | 4.9 | 0 | | |
| PHF | .512 | .940 | .725 | .000 | .881 | .350 | .661 | .607 | .000 | .682 | .884 | .856 | .765 | .000 | .919 | .842 | .896 | .536 | .000 | .949 | .903 |
| Cars | 43 | 304 | 26 | 0 | 373 | 14 | 150 | 45 | 0 | 209 | 136 | 234 | 99 | 0 | 469 | 148 | 424 | 29 | 0 | 601 | 1652 |
| % Cars | 100 | 97.4 | 89.7 | 0 | 97.1 | 100 | 96.2 | 88.2 | 0 | 94.6 | 93.8 | 93.6 | 98.0 | 0 | 94.6 | 95.5 | 98.6 | 96.7 | 0 | 97.7 | 96.3 |
| Heavy Vehicles | 0 | 8 | 3 | 0 | 11 | 0 | 6 | 6 | 0 | 12 | 9 | 16 | 2 | 0 | 27 | 7 | 6 | 1 | 0 | 14 | 64 |
| % Heavy Vehicles | 0 | 2.6 | 10.3 | 0 | 2.9 | 0 | 3.8 | 11.8 | 0 | 5.4 | 6.2 | 6.4 | 2.0 | 0 | 5.4 | 4.5 | 1.4 | 3.3 | 0 | 2.3 | 3.7 |



PRECISION
D A T A
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N/S: Route 85
E/W: Main Street (Route 30)
City, State: Southborough, MA
Client: VHB/ G. Russell

File Name : 143831 A
Site Code : 12389.04
Start Date : 5/8/2014
Page No : 1

Groups Printed- Cars

| Start Time | Marlborough Road (Route 85) From North | | | | Main Street (Route 30) From East | | | | Cordaville Road (Route 85) From South | | | | Main Street (Route 30) From West | | | | Int. Total |
|-------------|---|------|------|--------|-------------------------------------|------|------|--------|--|------|------|--------|-------------------------------------|------|------|--------|------------|
| | Right | Thru | Left | U-Turn | Right | Thru | Left | U-Turn | Right | Thru | Left | U-Turn | Right | Thru | Left | U-Turn | |
| 07:00 AM | 1 | 71 | 0 | 0 | 0 | 18 | 14 | 0 | 24 | 58 | 19 | 0 | 28 | 91 | 4 | 0 | 328 |
| 07:15 AM | 6 | 59 | 2 | 0 | 3 | 29 | 5 | 0 | 29 | 52 | 22 | 0 | 24 | 95 | 2 | 0 | 328 |
| 07:30 AM | 16 | 69 | 3 | 0 | 0 | 45 | 5 | 0 | 33 | 61 | 27 | 0 | 34 | 102 | 7 | 0 | 402 |
| 07:45 AM | 21 | 75 | 10 | 0 | 1 | 58 | 19 | 0 | 36 | 48 | 33 | 0 | 44 | 91 | 14 | 0 | 450 |
| Total | 44 | 274 | 15 | 0 | 4 | 150 | 43 | 0 | 122 | 219 | 101 | 0 | 130 | 379 | 27 | 0 | 1508 |
| 08:00 AM | 1 | 80 | 7 | 0 | 10 | 20 | 9 | 0 | 36 | 68 | 21 | 0 | 35 | 119 | 5 | 0 | 411 |
| 08:15 AM | 5 | 80 | 6 | 0 | 3 | 27 | 12 | 0 | 31 | 57 | 18 | 0 | 35 | 112 | 3 | 0 | 389 |
| 08:30 AM | 0 | 61 | 5 | 0 | 6 | 29 | 23 | 0 | 36 | 51 | 23 | 0 | 36 | 102 | 4 | 0 | 376 |
| 08:45 AM | 3 | 68 | 3 | 0 | 5 | 21 | 25 | 0 | 37 | 45 | 34 | 0 | 30 | 87 | 0 | 0 | 358 |
| Total | 9 | 289 | 21 | 0 | 24 | 97 | 69 | 0 | 140 | 221 | 96 | 0 | 136 | 420 | 12 | 0 | 1534 |
| Grand Total | 53 | 563 | 36 | 0 | 28 | 247 | 112 | 0 | 262 | 440 | 197 | 0 | 266 | 799 | 39 | 0 | 3042 |
| Apprch % | 8.1 | 86.3 | 5.5 | 0 | 7.2 | 63.8 | 28.9 | 0 | 29.1 | 48.9 | 21.9 | 0 | 24.1 | 72.4 | 3.5 | 0 | |
| Total % | 1.7 | 18.5 | 1.2 | 0 | 0.9 | 8.1 | 3.7 | 0 | 8.6 | 14.5 | 6.5 | 0 | 8.7 | 26.3 | 1.3 | 0 | |

| Start Time | Marlborough Road (Route 85) From North | | | | | Main Street (Route 30) From East | | | | | Cordaville Road (Route 85) From South | | | | | Main Street (Route 30) From West | | | | | Int. Total |
|--|---|-----------|-----------|--------|------------|-------------------------------------|-----------|-----------|--------|------------|--|-----------|-----------|--------|------------|-------------------------------------|------------|-----------|--------|------------|------------|
| | Right | Thru | Left | U-Turn | App. Total | Right | Thru | Left | U-Turn | App. Total | Right | Thru | Left | U-Turn | App. Total | Right | Thru | Left | U-Turn | App. Total | |
| Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1 | | | | | | | | | | | | | | | | | | | | | |
| Peak Hour for Entire Intersection Begins at 07:30 AM | | | | | | | | | | | | | | | | | | | | | |
| 07:30 AM | 16 | 69 | 3 | 0 | 88 | 0 | 45 | 5 | 0 | 50 | 33 | 61 | 27 | 0 | 121 | 34 | 102 | 7 | 0 | 143 | 402 |
| 07:45 AM | 21 | 75 | 10 | 0 | 106 | 1 | 58 | 19 | 0 | 78 | 36 | 48 | 33 | 0 | 117 | 44 | 91 | 14 | 0 | 149 | 450 |
| 08:00 AM | 1 | 80 | 7 | 0 | 88 | 10 | 20 | 9 | 0 | 39 | 36 | 68 | 21 | 0 | 125 | 35 | 119 | 5 | 0 | 159 | 411 |
| 08:15 AM | 5 | 80 | 6 | 0 | 91 | 3 | 27 | 12 | 0 | 42 | 31 | 57 | 18 | 0 | 106 | 35 | 112 | 3 | 0 | 150 | 389 |
| Total Volume | 43 | 304 | 26 | 0 | 373 | 14 | 150 | 45 | 0 | 209 | 136 | 234 | 99 | 0 | 469 | 148 | 424 | 29 | 0 | 601 | 1652 |
| % App. Total | 11.5 | 81.5 | 7 | 0 | | 6.7 | 71.8 | 21.5 | 0 | | 29 | 49.9 | 21.1 | 0 | | 24.6 | 70.5 | 4.8 | 0 | | |
| PHF | .512 | .950 | .650 | .000 | .880 | .350 | .647 | .592 | .000 | .670 | .944 | .860 | .750 | .000 | .938 | .841 | .891 | .518 | .000 | .945 | .918 |



PRECISION
D A T A
INDUSTRIES, LLC

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Office: 508.481.3999 Fax: 508.545.1234
Email: datarequests@pdillc.com

N/S: Route 85
E/W: Main Street (Route 30)
City, State: Southborough, MA
Client: VHB/ G. Russell

File Name : 143831 A
Site Code : 12389.04
Start Date : 5/8/2014
Page No : 1

Groups Printed- Heavy Vehicles

| Start Time | Marlborough Road (Route 85) From North | | | | Main Street (Route 30) From East | | | | Cordaville Road (Route 85) From South | | | | Main Street (Route 30) From West | | | | Int. Total |
|-------------|---|------|------|--------|-------------------------------------|------|------|--------|--|------|------|--------|-------------------------------------|------|------|--------|------------|
| | Right | Thru | Left | U-Turn | Right | Thru | Left | U-Turn | Right | Thru | Left | U-Turn | Right | Thru | Left | U-Turn | |
| 07:00 AM | 0 | 4 | 1 | 0 | 1 | 1 | 1 | 0 | 0 | 2 | 1 | 0 | 1 | 2 | 0 | 0 | 14 |
| 07:15 AM | 0 | 5 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 5 | 0 | 0 | 1 | 3 | 0 | 0 | 15 |
| 07:30 AM | 0 | 2 | 1 | 0 | 0 | 4 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 11 |
| 07:45 AM | 0 | 3 | 0 | 0 | 0 | 1 | 2 | 0 | 5 | 9 | 0 | 0 | 2 | 3 | 0 | 0 | 25 |
| Total | 0 | 14 | 2 | 0 | 1 | 7 | 4 | 0 | 6 | 16 | 1 | 0 | 4 | 9 | 1 | 0 | 65 |
| 08:00 AM | 0 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 3 | 5 | 2 | 0 | 2 | 1 | 0 | 0 | 16 |
| 08:15 AM | 0 | 3 | 1 | 0 | 0 | 0 | 2 | 0 | 0 | 2 | 0 | 0 | 3 | 1 | 0 | 0 | 12 |
| 08:30 AM | 0 | 4 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 2 | 1 | 0 | 3 | 0 | 0 | 0 | 11 |
| 08:45 AM | 0 | 1 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 4 | 5 | 0 | 0 | 1 | 1 | 0 | 15 |
| Total | 0 | 8 | 2 | 0 | 2 | 2 | 4 | 0 | 3 | 13 | 8 | 0 | 8 | 3 | 1 | 0 | 54 |
| Grand Total | 0 | 22 | 4 | 0 | 3 | 9 | 8 | 0 | 9 | 29 | 9 | 0 | 12 | 12 | 2 | 0 | 119 |
| Apprch % | 0 | 84.6 | 15.4 | 0 | 15 | 45 | 40 | 0 | 19.1 | 61.7 | 19.1 | 0 | 46.2 | 46.2 | 7.7 | 0 | |
| Total % | 0 | 18.5 | 3.4 | 0 | 2.5 | 7.6 | 6.7 | 0 | 7.6 | 24.4 | 7.6 | 0 | 10.1 | 10.1 | 1.7 | 0 | |

| Start Time | Marlborough Road (Route 85) From North | | | | | Main Street (Route 30) From East | | | | | Cordaville Road (Route 85) From South | | | | | Main Street (Route 30) From West | | | | | Int. Total |
|--|---|------|------|--------|------------|-------------------------------------|------|------|--------|------------|--|------|------|--------|------------|-------------------------------------|------|------|--------|------------|------------|
| | Right | Thru | Left | U-Turn | App. Total | Right | Thru | Left | U-Turn | App. Total | Right | Thru | Left | U-Turn | App. Total | Right | Thru | Left | U-Turn | App. Total | |
| Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1 | | | | | | | | | | | | | | | | | | | | | |
| Peak Hour for Entire Intersection Begins at 07:15 AM | | | | | | | | | | | | | | | | | | | | | |
| 07:15 AM | 0 | 5 | 0 | 0 | 5 | 0 | 1 | 0 | 0 | 1 | 0 | 5 | 0 | 0 | 5 | 1 | 3 | 0 | 0 | 4 | 15 |
| 07:30 AM | 0 | 2 | 1 | 0 | 3 | 0 | 4 | 1 | 0 | 5 | 1 | 0 | 0 | 0 | 1 | 0 | 1 | 1 | 0 | 2 | 11 |
| 07:45 AM | 0 | 3 | 0 | 0 | 3 | 0 | 1 | 2 | 0 | 3 | 5 | 9 | 0 | 0 | 14 | 2 | 3 | 0 | 0 | 5 | 25 |
| 08:00 AM | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 1 | 0 | 2 | 3 | 5 | 2 | 0 | 10 | 2 | 1 | 0 | 0 | 3 | 16 |
| Total Volume | 0 | 10 | 2 | 0 | 12 | 0 | 7 | 4 | 0 | 11 | 9 | 19 | 2 | 0 | 30 | 5 | 8 | 1 | 0 | 14 | 67 |
| % App. Total | 0 | 83.3 | 16.7 | 0 | | 0 | 63.6 | 36.4 | 0 | | 30 | 63.3 | 6.7 | 0 | | 35.7 | 57.1 | 7.1 | 0 | | |
| PHF | .000 | .500 | .500 | .000 | .600 | .000 | .438 | .500 | .000 | .550 | .450 | .528 | .250 | .000 | .536 | .625 | .667 | .250 | .000 | .700 | .670 |



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N/S: Route 85
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City, State: Southborough, MA
Client: VHB/ G. Russell

File Name : 143831 A
Site Code : 12389.04
Start Date : 5/8/2014
Page No : 1

Groups Printed- Peds and Bicycles

| Start Time | Marlborough Road (Route 85) From North | | | | Main Street (Route 30) From East | | | | Cordaville Road (Route 85) From South | | | | Main Street (Route 30) From West | | | | Int. Total |
|--------------------|---|----------|----------|----------|-------------------------------------|----------|----------|----------|--|----------|----------|----------|-------------------------------------|----------|----------|----------|------------|
| | Right | Thru | Left | Peds | Right | Thru | Left | Peds | Right | Thru | Left | Peds | Right | Thru | Left | Peds | |
| 07:00 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 07:15 AM | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 2 | 6 |
| 07:30 AM | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 4 |
| 07:45 AM | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 3 |
| Total | 0 | 1 | 0 | 2 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 4 | 0 | 1 | 0 | 3 | 13 |
| 08:00 AM | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 2 |
| 08:15 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 |
| 08:30 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 |
| 08:45 AM | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 |
| Total | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 2 | 6 |
| Grand Total | 0 | 2 | 0 | 3 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 6 | 0 | 1 | 0 | 5 | 19 |
| Apprch % | 0 | 40 | 0 | 60 | 0 | 0 | 0 | 100 | 0 | 14.3 | 0 | 85.7 | 0 | 16.7 | 0 | 83.3 | |
| Total % | 0 | 10.5 | 0 | 15.8 | 0 | 0 | 0 | 5.3 | 0 | 5.3 | 0 | 31.6 | 0 | 5.3 | 0 | 26.3 | |

| Start Time | Marlborough Road (Route 85) From North | | | | | Main Street (Route 30) From East | | | | | Cordaville Road (Route 85) From South | | | | | Main Street (Route 30) From West | | | | | Int. Total |
|--|---|------|------|------|------------|-------------------------------------|------|------|------|------------|--|------|------|------|------------|-------------------------------------|------|------|------|------------|------------|
| | Right | Thru | Left | Peds | App. Total | Right | Thru | Left | Peds | App. Total | Right | Thru | Left | Peds | App. Total | Right | Thru | Left | Peds | App. Total | |
| Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1 | | | | | | | | | | | | | | | | | | | | | |
| Peak Hour for Entire Intersection Begins at 07:15 AM | | | | | | | | | | | | | | | | | | | | | |
| 07:15 AM | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 1 | 2 | 0 | 0 | 0 | 2 | 2 | 6 |
| 07:30 AM | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 1 | 2 | 4 |
| 07:45 AM | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 3 |
| 08:00 AM | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 2 |
| Total Volume | 0 | 2 | 0 | 2 | 4 | 0 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 5 | 6 | 0 | 1 | 0 | 3 | 4 | 15 |
| % App. Total | 0 | 50 | 0 | 50 | | 0 | 0 | 0 | 100 | | 0 | 16.7 | 0 | 83.3 | | 0 | 25 | 0 | 75 | | |
| PHF | .000 | .500 | .000 | .500 | 1.00 | .000 | .000 | .000 | .250 | .250 | .000 | .250 | .000 | .625 | .750 | .000 | .250 | .000 | .375 | .500 | .625 |

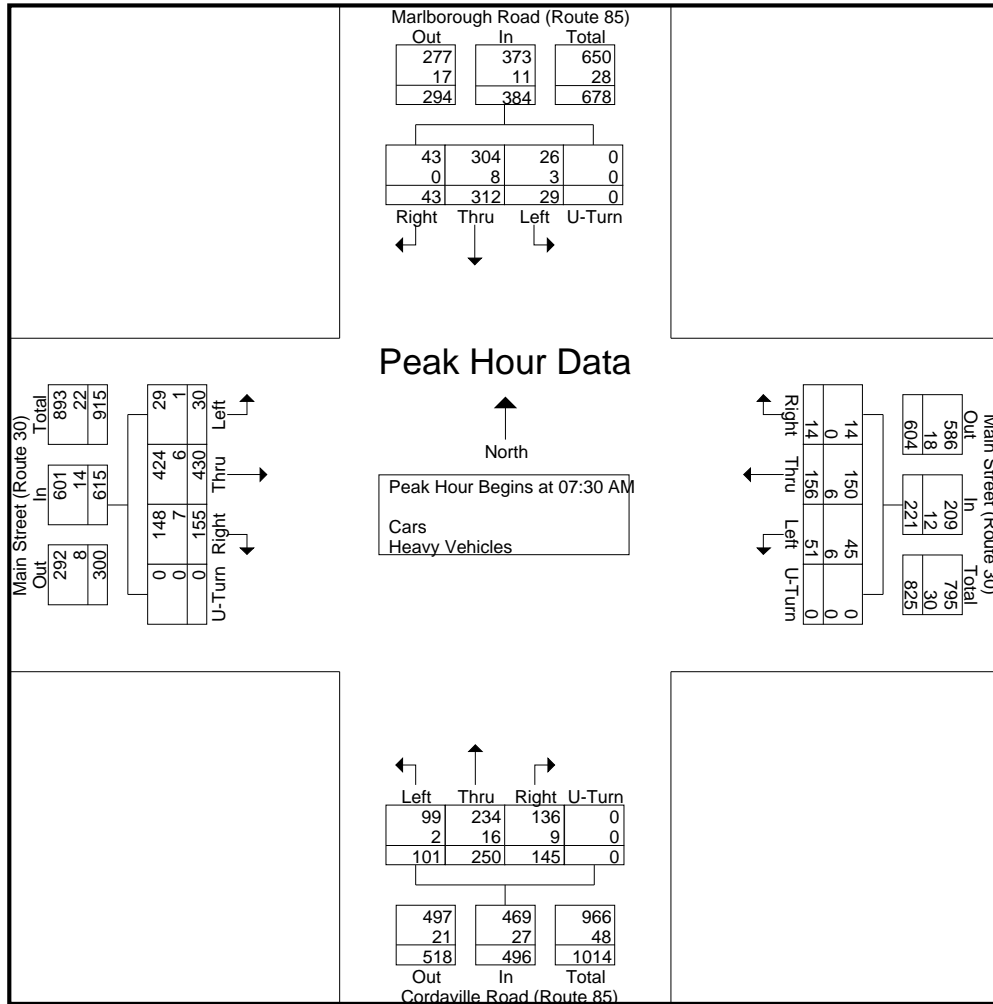


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| Start Time | Marlborough Road (Route 85) From North | | | | | Main Street (Route 30) From East | | | | | Cordaville Road (Route 85) From South | | | | | Main Street (Route 30) From West | | | | | Int. Total |
|--|---|------|------|--------|------------|-------------------------------------|------|------|--------|------------|--|------|------|--------|------------|-------------------------------------|------|------|--------|------------|------------|
| | Right | Thru | Left | U-Turn | App. Total | Right | Thru | Left | U-Turn | App. Total | Right | Thru | Left | U-Turn | App. Total | Right | Thru | Left | U-Turn | App. Total | |
| Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1 | | | | | | | | | | | | | | | | | | | | | |
| Peak Hour for Entire Intersection Begins at 07:30 AM | | | | | | | | | | | | | | | | | | | | | |
| 07:30 AM | 16 | 71 | 4 | 0 | 91 | 0 | 49 | 6 | 0 | 55 | 34 | 61 | 27 | 0 | 122 | 34 | 103 | 8 | 0 | 145 | 413 |
| 07:45 AM | 21 | 78 | 10 | 0 | 109 | 1 | 59 | 21 | 0 | 81 | 41 | 57 | 33 | 0 | 131 | 46 | 94 | 14 | 0 | 154 | 475 |
| 08:00 AM | 1 | 80 | 8 | 0 | 89 | 10 | 21 | 10 | 0 | 41 | 39 | 73 | 23 | 0 | 135 | 37 | 120 | 5 | 0 | 162 | 427 |
| 08:15 AM | 5 | 83 | 7 | 0 | 95 | 3 | 27 | 14 | 0 | 44 | 31 | 59 | 18 | 0 | 108 | 38 | 113 | 3 | 0 | 154 | 401 |
| Total Volume | 43 | 312 | 29 | 0 | 384 | 14 | 156 | 51 | 0 | 221 | 145 | 250 | 101 | 0 | 496 | 155 | 430 | 30 | 0 | 615 | 1716 |
| % App. Total | 11.2 | 81.2 | 7.6 | 0 | | 6.3 | 70.6 | 23.1 | 0 | | 29.2 | 50.4 | 20.4 | 0 | | 25.2 | 69.9 | 4.9 | 0 | | |
| PHF | .512 | .940 | .725 | .000 | .881 | .350 | .661 | .607 | .000 | .682 | .884 | .856 | .765 | .000 | .919 | .842 | .896 | .536 | .000 | .949 | .903 |
| Cars | 43 | 304 | 26 | 0 | 373 | 14 | 150 | 45 | 0 | 209 | 136 | 234 | 99 | 0 | 469 | 148 | 424 | 29 | 0 | 601 | 1652 |
| % Cars | 100 | 97.4 | 89.7 | 0 | 97.1 | 100 | 96.2 | 88.2 | 0 | 94.6 | 93.8 | 93.6 | 98.0 | 0 | 94.6 | 95.5 | 98.6 | 96.7 | 0 | 97.7 | 96.3 |
| Heavy Vehicles | 0 | 8 | 3 | 0 | 11 | 0 | 6 | 6 | 0 | 12 | 9 | 16 | 2 | 0 | 27 | 7 | 6 | 1 | 0 | 14 | 64 |
| % Heavy Vehicles | 0 | 2.6 | 10.3 | 0 | 2.9 | 0 | 3.8 | 11.8 | 0 | 5.4 | 6.2 | 6.4 | 2.0 | 0 | 5.4 | 4.5 | 1.4 | 3.3 | 0 | 2.3 | 3.7 |





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Groups Printed- Cars - Heavy Vehicles

| Start Time | Marlborough Road (Route 85) From North | | | | Main Street (Route 30) From East | | | | Cordaville Road (Route 85) From South | | | | Main Street (Route 30) From West | | | | Int. Total |
|------------------|---|------|------|--------|-------------------------------------|------|------|--------|--|------|------|--------|-------------------------------------|------|------|--------|------------|
| | Right | Thru | Left | U-Turn | Right | Thru | Left | U-Turn | Right | Thru | Left | U-Turn | Right | Thru | Left | U-Turn | |
| 12:00 PM | 7 | 54 | 7 | 0 | 10 | 31 | 40 | 0 | 18 | 33 | 8 | 0 | 11 | 39 | 4 | 0 | 262 |
| 12:15 PM | 2 | 26 | 5 | 0 | 11 | 24 | 25 | 0 | 22 | 41 | 11 | 0 | 15 | 33 | 4 | 0 | 219 |
| 12:30 PM | 4 | 31 | 1 | 0 | 6 | 23 | 33 | 0 | 14 | 46 | 9 | 0 | 17 | 41 | 2 | 0 | 227 |
| 12:45 PM | 3 | 41 | 4 | 0 | 3 | 27 | 19 | 0 | 22 | 41 | 15 | 0 | 9 | 35 | 6 | 0 | 225 |
| Total | 16 | 152 | 17 | 0 | 30 | 105 | 117 | 0 | 76 | 161 | 43 | 0 | 52 | 148 | 16 | 0 | 933 |
| 01:00 PM | 7 | 36 | 4 | 0 | 6 | 18 | 16 | 0 | 15 | 29 | 10 | 0 | 13 | 32 | 5 | 0 | 191 |
| 01:15 PM | 5 | 38 | 9 | 0 | 7 | 25 | 13 | 0 | 26 | 31 | 12 | 0 | 19 | 28 | 3 | 0 | 216 |
| 01:30 PM | 5 | 37 | 7 | 0 | 8 | 30 | 19 | 0 | 18 | 41 | 23 | 0 | 23 | 33 | 3 | 0 | 247 |
| 01:45 PM | 2 | 35 | 4 | 0 | 5 | 21 | 20 | 0 | 20 | 40 | 15 | 0 | 12 | 26 | 5 | 0 | 205 |
| Total | 19 | 146 | 24 | 0 | 26 | 94 | 68 | 0 | 79 | 141 | 60 | 0 | 67 | 119 | 16 | 0 | 859 |
| 02:00 PM | 4 | 41 | 2 | 0 | 3 | 26 | 23 | 0 | 17 | 34 | 19 | 0 | 20 | 24 | 3 | 0 | 216 |
| 02:15 PM | 4 | 45 | 6 | 0 | 2 | 38 | 27 | 0 | 17 | 43 | 20 | 0 | 17 | 33 | 3 | 0 | 255 |
| 02:30 PM | 6 | 43 | 2 | 0 | 5 | 37 | 19 | 0 | 20 | 39 | 23 | 0 | 51 | 37 | 7 | 0 | 289 |
| 02:45 PM | 15 | 56 | 2 | 0 | 5 | 28 | 35 | 0 | 31 | 41 | 27 | 0 | 27 | 41 | 5 | 0 | 313 |
| Total | 29 | 185 | 12 | 0 | 15 | 129 | 104 | 0 | 85 | 157 | 89 | 0 | 115 | 135 | 18 | 0 | 1073 |
| 03:00 PM | 5 | 57 | 7 | 0 | 4 | 47 | 25 | 0 | 22 | 45 | 29 | 0 | 48 | 36 | 16 | 0 | 341 |
| 03:15 PM | 4 | 56 | 6 | 0 | 4 | 39 | 19 | 0 | 20 | 51 | 29 | 0 | 22 | 42 | 8 | 0 | 300 |
| 03:30 PM | 3 | 54 | 1 | 0 | 9 | 43 | 37 | 0 | 20 | 50 | 17 | 0 | 30 | 38 | 5 | 0 | 307 |
| 03:45 PM | 6 | 57 | 2 | 0 | 2 | 69 | 26 | 0 | 17 | 39 | 29 | 0 | 42 | 34 | 5 | 0 | 328 |
| Total | 18 | 224 | 16 | 0 | 19 | 198 | 107 | 0 | 79 | 185 | 104 | 0 | 142 | 150 | 34 | 0 | 1276 |
| 04:00 PM | 3 | 64 | 0 | 0 | 9 | 57 | 18 | 0 | 20 | 62 | 27 | 0 | 29 | 33 | 6 | 0 | 328 |
| 04:15 PM | 13 | 59 | 3 | 0 | 9 | 82 | 29 | 0 | 12 | 61 | 28 | 0 | 29 | 47 | 5 | 0 | 377 |
| 04:30 PM | 6 | 57 | 3 | 0 | 7 | 90 | 20 | 0 | 12 | 61 | 39 | 0 | 51 | 56 | 17 | 0 | 419 |
| 04:45 PM | 9 | 77 | 6 | 0 | 7 | 71 | 16 | 0 | 11 | 70 | 36 | 0 | 52 | 58 | 9 | 0 | 422 |
| Total | 31 | 257 | 12 | 0 | 32 | 300 | 83 | 0 | 55 | 254 | 130 | 0 | 161 | 194 | 37 | 0 | 1546 |
| 05:00 PM | 2 | 76 | 3 | 0 | 7 | 96 | 29 | 0 | 19 | 68 | 42 | 0 | 65 | 58 | 11 | 0 | 476 |
| 05:15 PM | 5 | 80 | 7 | 0 | 9 | 107 | 22 | 0 | 12 | 80 | 38 | 0 | 76 | 60 | 3 | 0 | 499 |
| 05:30 PM | 6 | 74 | 10 | 0 | 6 | 93 | 26 | 0 | 19 | 74 | 41 | 0 | 56 | 57 | 6 | 0 | 468 |
| 05:45 PM | 3 | 93 | 2 | 0 | 5 | 109 | 25 | 0 | 15 | 98 | 32 | 0 | 47 | 55 | 5 | 0 | 489 |
| Total | 16 | 323 | 22 | 0 | 27 | 405 | 102 | 0 | 65 | 320 | 153 | 0 | 244 | 230 | 25 | 0 | 1932 |
| Grand Total | 129 | 1287 | 103 | 0 | 149 | 1231 | 581 | 0 | 439 | 1218 | 579 | 0 | 781 | 976 | 146 | 0 | 7619 |
| Apprch % | 8.5 | 84.7 | 6.8 | 0 | 7.6 | 62.8 | 29.6 | 0 | 19.6 | 54.5 | 25.9 | 0 | 41 | 51.3 | 7.7 | 0 | |
| Total % | 1.7 | 16.9 | 1.4 | 0 | 2 | 16.2 | 7.6 | 0 | 5.8 | 16 | 7.6 | 0 | 10.3 | 12.8 | 1.9 | 0 | |
| Cars | 128 | 1213 | 94 | 0 | 140 | 1211 | 556 | 0 | 424 | 1160 | 557 | 0 | 752 | 952 | 142 | 0 | 7329 |
| % Cars | 99.2 | 94.3 | 91.3 | 0 | 94 | 98.4 | 95.7 | 0 | 96.6 | 95.2 | 96.2 | 0 | 96.3 | 97.5 | 97.3 | 0 | 96.2 |
| Heavy Vehicles | 1 | 74 | 9 | 0 | 9 | 20 | 25 | 0 | 15 | 58 | 22 | 0 | 29 | 24 | 4 | 0 | 290 |
| % Heavy Vehicles | 0.8 | 5.7 | 8.7 | 0 | 6 | 1.6 | 4.3 | 0 | 3.4 | 4.8 | 3.8 | 0 | 3.7 | 2.5 | 2.7 | 0 | 3.8 |

| Start Time | Marlborough Road (Route 85) From North | | | | | Main Street (Route 30) From East | | | | | Cordaville Road (Route 85) From South | | | | | Main Street (Route 30) From West | | | | | Int. Total |
|--|---|------|------|--------|------------|-------------------------------------|------|------|--------|------------|--|------|------|--------|------------|-------------------------------------|------|------|--------|------------|------------|
| | Right | Thru | Left | U-Turn | App. Total | Right | Thru | Left | U-Turn | App. Total | Right | Thru | Left | U-Turn | App. Total | Right | Thru | Left | U-Turn | App. Total | |
| Peak Hour Analysis From 12:00 PM to 05:45 PM - Peak 1 of 1 | | | | | | | | | | | | | | | | | | | | | |
| Peak Hour for Entire Intersection Begins at 05:00 PM | | | | | | | | | | | | | | | | | | | | | |
| 05:00 PM | 2 | 76 | 3 | 0 | 81 | 7 | 96 | 29 | 0 | 132 | 19 | 68 | 42 | 0 | 129 | 65 | 58 | 11 | 0 | 134 | 476 |
| 05:15 PM | 5 | 80 | 7 | 0 | 92 | 9 | 107 | 22 | 0 | 138 | 12 | 80 | 38 | 0 | 130 | 76 | 60 | 3 | 0 | 139 | 499 |
| 05:30 PM | 6 | 74 | 10 | 0 | 90 | 6 | 93 | 26 | 0 | 125 | 19 | 74 | 41 | 0 | 134 | 56 | 57 | 6 | 0 | 119 | 468 |
| 05:45 PM | 3 | 93 | 2 | 0 | 98 | 5 | 109 | 25 | 0 | 139 | 15 | 98 | 32 | 0 | 145 | 47 | 55 | 5 | 0 | 107 | 489 |
| Total Volume | 16 | 323 | 22 | 0 | 361 | 27 | 405 | 102 | 0 | 534 | 65 | 320 | 153 | 0 | 538 | 244 | 230 | 25 | 0 | 499 | 1932 |
| % App. Total | 4.4 | 89.5 | 6.1 | 0 | | 5.1 | 75.8 | 19.1 | 0 | | 12.1 | 59.5 | 28.4 | 0 | | 48.9 | 46.1 | 5 | 0 | | |
| PHF | .667 | .868 | .550 | .000 | .921 | .750 | .929 | .879 | .000 | .960 | .855 | .816 | .911 | .000 | .928 | .803 | .958 | .568 | .000 | .897 | .968 |
| Cars | 16 | 313 | 21 | 0 | 350 | 26 | 401 | 102 | 0 | 529 | 65 | 315 | 152 | 0 | 532 | 240 | 229 | 24 | 0 | 493 | 1904 |
| % Cars | 100 | 96.9 | 95.5 | 0 | 97.0 | 96.3 | 99.0 | 100 | 0 | 99.1 | 100 | 98.4 | 99.3 | 0 | 98.9 | 98.4 | 99.6 | 96.0 | 0 | 98.8 | 98.6 |
| Heavy Vehicles | 0 | 10 | 1 | 0 | 11 | 1 | 4 | 0 | 0 | 5 | 0 | 5 | 1 | 0 | 6 | 4 | 1 | 1 | 0 | 6 | 28 |
| % Heavy Vehicles | 0 | 3.1 | 4.5 | 0 | 3.0 | 3.7 | 1.0 | 0 | 0 | 0.9 | 0 | 1.6 | 0.7 | 0 | 1.1 | 1.6 | 0.4 | 4.0 | 0 | 1.2 | 1.4 |



PRECISION
D A T A
INDUSTRIES, LLC

P.O. Box 301 Berlin, MA 01503
Office: 508.481.3999 Fax: 508.545.1234
Email: datarequests@pdillc.com

N/S: Route 85
E/W: Main Street (Route 30)
City, State: Southborough, MA
Client: VHB/ G. Russell

File Name : 143831 AA
Site Code : 12389.04
Start Date : 5/8/2014
Page No : 1

Groups Printed- Cars

| Start Time | Marlborough Road (Route 85) From North | | | | Main Street (Route 30) From East | | | | Cordaville Road (Route 85) From South | | | | Main Street (Route 30) From West | | | | Int. Total |
|-------------|---|------|------|--------|-------------------------------------|------|------|--------|--|------|------|--------|-------------------------------------|------|------|--------|------------|
| | Right | Thru | Left | U-Turn | Right | Thru | Left | U-Turn | Right | Thru | Left | U-Turn | Right | Thru | Left | U-Turn | |
| 12:00 PM | 7 | 48 | 6 | 0 | 10 | 30 | 37 | 0 | 18 | 31 | 8 | 0 | 10 | 37 | 4 | 0 | 246 |
| 12:15 PM | 2 | 26 | 4 | 0 | 11 | 24 | 24 | 0 | 22 | 36 | 10 | 0 | 15 | 32 | 4 | 0 | 210 |
| 12:30 PM | 4 | 30 | 1 | 0 | 6 | 23 | 30 | 0 | 14 | 45 | 9 | 0 | 17 | 41 | 2 | 0 | 222 |
| 12:45 PM | 3 | 38 | 4 | 0 | 3 | 26 | 19 | 0 | 21 | 38 | 14 | 0 | 9 | 34 | 6 | 0 | 215 |
| Total | 16 | 142 | 15 | 0 | 30 | 103 | 110 | 0 | 75 | 150 | 41 | 0 | 51 | 144 | 16 | 0 | 893 |
| 01:00 PM | 6 | 33 | 4 | 0 | 5 | 18 | 16 | 0 | 15 | 26 | 10 | 0 | 11 | 32 | 5 | 0 | 181 |
| 01:15 PM | 5 | 38 | 8 | 0 | 6 | 25 | 13 | 0 | 25 | 23 | 12 | 0 | 16 | 28 | 3 | 0 | 202 |
| 01:30 PM | 5 | 35 | 6 | 0 | 8 | 29 | 17 | 0 | 18 | 36 | 21 | 0 | 23 | 32 | 3 | 0 | 233 |
| 01:45 PM | 2 | 32 | 4 | 0 | 4 | 21 | 18 | 0 | 20 | 35 | 12 | 0 | 12 | 26 | 5 | 0 | 191 |
| Total | 18 | 138 | 22 | 0 | 23 | 93 | 64 | 0 | 78 | 120 | 55 | 0 | 62 | 118 | 16 | 0 | 807 |
| 02:00 PM | 4 | 37 | 2 | 0 | 3 | 26 | 22 | 0 | 15 | 33 | 19 | 0 | 18 | 23 | 3 | 0 | 205 |
| 02:15 PM | 4 | 38 | 5 | 0 | 2 | 36 | 25 | 0 | 17 | 40 | 18 | 0 | 16 | 30 | 2 | 0 | 233 |
| 02:30 PM | 6 | 40 | 1 | 0 | 4 | 37 | 17 | 0 | 19 | 36 | 23 | 0 | 45 | 32 | 6 | 0 | 266 |
| 02:45 PM | 15 | 52 | 2 | 0 | 4 | 26 | 32 | 0 | 31 | 37 | 27 | 0 | 27 | 38 | 5 | 0 | 296 |
| Total | 29 | 167 | 10 | 0 | 13 | 125 | 96 | 0 | 82 | 146 | 87 | 0 | 106 | 123 | 16 | 0 | 1000 |
| 03:00 PM | 5 | 53 | 7 | 0 | 4 | 46 | 24 | 0 | 20 | 44 | 29 | 0 | 46 | 35 | 16 | 0 | 329 |
| 03:15 PM | 4 | 47 | 5 | 0 | 4 | 37 | 18 | 0 | 14 | 50 | 24 | 0 | 21 | 41 | 7 | 0 | 272 |
| 03:30 PM | 3 | 52 | 1 | 0 | 9 | 41 | 35 | 0 | 19 | 47 | 15 | 0 | 29 | 38 | 5 | 0 | 294 |
| 03:45 PM | 6 | 51 | 2 | 0 | 2 | 68 | 25 | 0 | 17 | 39 | 27 | 0 | 40 | 34 | 5 | 0 | 316 |
| Total | 18 | 203 | 15 | 0 | 19 | 192 | 102 | 0 | 70 | 180 | 95 | 0 | 136 | 148 | 33 | 0 | 1211 |
| 04:00 PM | 3 | 61 | 0 | 0 | 7 | 57 | 18 | 0 | 20 | 61 | 27 | 0 | 28 | 31 | 6 | 0 | 319 |
| 04:15 PM | 13 | 57 | 3 | 0 | 8 | 81 | 28 | 0 | 11 | 60 | 28 | 0 | 28 | 47 | 5 | 0 | 369 |
| 04:30 PM | 6 | 56 | 3 | 0 | 7 | 89 | 20 | 0 | 12 | 60 | 37 | 0 | 49 | 54 | 17 | 0 | 410 |
| 04:45 PM | 9 | 76 | 5 | 0 | 7 | 70 | 16 | 0 | 11 | 68 | 35 | 0 | 52 | 58 | 9 | 0 | 416 |
| Total | 31 | 250 | 11 | 0 | 29 | 297 | 82 | 0 | 54 | 249 | 127 | 0 | 157 | 190 | 37 | 0 | 1514 |
| 05:00 PM | 2 | 72 | 3 | 0 | 6 | 95 | 29 | 0 | 19 | 66 | 42 | 0 | 65 | 58 | 11 | 0 | 468 |
| 05:15 PM | 5 | 79 | 7 | 0 | 9 | 107 | 22 | 0 | 12 | 80 | 37 | 0 | 74 | 59 | 3 | 0 | 494 |
| 05:30 PM | 6 | 72 | 9 | 0 | 6 | 91 | 26 | 0 | 19 | 72 | 41 | 0 | 54 | 57 | 6 | 0 | 459 |
| 05:45 PM | 3 | 90 | 2 | 0 | 5 | 108 | 25 | 0 | 15 | 97 | 32 | 0 | 47 | 55 | 4 | 0 | 483 |
| Total | 16 | 313 | 21 | 0 | 26 | 401 | 102 | 0 | 65 | 315 | 152 | 0 | 240 | 229 | 24 | 0 | 1904 |
| Grand Total | 128 | 1213 | 94 | 0 | 140 | 1211 | 556 | 0 | 424 | 1160 | 557 | 0 | 752 | 952 | 142 | 0 | 7329 |
| Apprch % | 8.9 | 84.5 | 6.6 | 0 | 7.3 | 63.5 | 29.2 | 0 | 19.8 | 54.2 | 26 | 0 | 40.7 | 51.6 | 7.7 | 0 | |
| Total % | 1.7 | 16.6 | 1.3 | 0 | 1.9 | 16.5 | 7.6 | 0 | 5.8 | 15.8 | 7.6 | 0 | 10.3 | 13 | 1.9 | 0 | |

| Start Time | Marlborough Road (Route 85) From North | | | | | Main Street (Route 30) From East | | | | | Cordaville Road (Route 85) From South | | | | | Main Street (Route 30) From West | | | | | Int. Total |
|--|---|-----------|----------|--------|------------|-------------------------------------|------------|-----------|--------|------------|--|-----------|-----------|--------|------------|-------------------------------------|-----------|-----------|--------|------------|------------|
| | Right | Thru | Left | U-Turn | App. Total | Right | Thru | Left | U-Turn | App. Total | Right | Thru | Left | U-Turn | App. Total | Right | Thru | Left | U-Turn | App. Total | |
| Peak Hour Analysis From 12:00 PM to 05:45 PM - Peak 1 of 1 | | | | | | | | | | | | | | | | | | | | | |
| Peak Hour for Entire Intersection Begins at 05:00 PM | | | | | | | | | | | | | | | | | | | | | |
| 05:00 PM | 2 | 72 | 3 | 0 | 77 | 6 | 95 | 29 | 0 | 130 | 19 | 66 | 42 | 0 | 127 | 65 | 58 | 11 | 0 | 134 | 468 |
| 05:15 PM | 5 | 79 | 7 | 0 | 91 | 9 | 107 | 22 | 0 | 138 | 12 | 80 | 37 | 0 | 129 | 74 | 59 | 3 | 0 | 136 | 494 |
| 05:30 PM | 6 | 72 | 9 | 0 | 87 | 6 | 91 | 26 | 0 | 123 | 19 | 72 | 41 | 0 | 132 | 54 | 57 | 6 | 0 | 117 | 459 |
| 05:45 PM | 3 | 90 | 2 | 0 | 95 | 5 | 108 | 25 | 0 | 138 | 15 | 97 | 32 | 0 | 144 | 47 | 55 | 4 | 0 | 106 | 483 |
| Total Volume | 16 | 313 | 21 | 0 | 350 | 26 | 401 | 102 | 0 | 529 | 65 | 315 | 152 | 0 | 532 | 240 | 229 | 24 | 0 | 493 | 1904 |
| % App. Total | 4.6 | 89.4 | 6 | 0 | | 4.9 | 75.8 | 19.3 | 0 | | 12.2 | 59.2 | 28.6 | 0 | | 48.7 | 46.5 | 4.9 | 0 | | |
| PHF | .667 | .869 | .583 | .000 | .921 | .722 | .928 | .879 | .000 | .958 | .855 | .812 | .905 | .000 | .924 | .811 | .970 | .545 | .000 | .906 | .964 |



PRECISION
D A T A
INDUSTRIES, LLC

P.O. Box 301 Berlin, MA 01503
Office: 508.481.3999 Fax: 508.545.1234
Email: datarequests@pdillc.com

N/S: Route 85
E/W: Main Street (Route 30)
City, State: Southborough, MA
Client: VHB/ G. Russell

File Name : 143831 AA
Site Code : 12389.04
Start Date : 5/8/2014
Page No : 1

Groups Printed- Heavy Vehicles

| Start Time | Marlborough Road (Route 85) From North | | | | Main Street (Route 30) From East | | | | Cordaville Road (Route 85) From South | | | | Main Street (Route 30) From West | | | | Int. Total |
|-------------|---|------|------|--------|-------------------------------------|------|------|--------|--|------|------|--------|-------------------------------------|------|------|--------|------------|
| | Right | Thru | Left | U-Turn | Right | Thru | Left | U-Turn | Right | Thru | Left | U-Turn | Right | Thru | Left | U-Turn | |
| 12:00 PM | 0 | 6 | 1 | 0 | 0 | 1 | 3 | 0 | 0 | 2 | 0 | 0 | 1 | 2 | 0 | 0 | 16 |
| 12:15 PM | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 5 | 1 | 0 | 0 | 1 | 0 | 0 | 9 |
| 12:30 PM | 0 | 1 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 12:45 PM | 0 | 3 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 3 | 1 | 0 | 0 | 1 | 0 | 0 | 10 |
| Total | 0 | 10 | 2 | 0 | 0 | 2 | 7 | 0 | 1 | 11 | 2 | 0 | 1 | 4 | 0 | 0 | 40 |
| 01:00 PM | 1 | 3 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 2 | 0 | 0 | 0 | 10 |
| 01:15 PM | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 1 | 8 | 0 | 0 | 3 | 0 | 0 | 0 | 14 |
| 01:30 PM | 0 | 2 | 1 | 0 | 0 | 1 | 2 | 0 | 0 | 5 | 2 | 0 | 0 | 1 | 0 | 0 | 14 |
| 01:45 PM | 0 | 3 | 0 | 0 | 1 | 0 | 2 | 0 | 0 | 5 | 3 | 0 | 0 | 0 | 0 | 0 | 14 |
| Total | 1 | 8 | 2 | 0 | 3 | 1 | 4 | 0 | 1 | 21 | 5 | 0 | 5 | 1 | 0 | 0 | 52 |
| 02:00 PM | 0 | 4 | 0 | 0 | 0 | 0 | 1 | 0 | 2 | 1 | 0 | 0 | 2 | 1 | 0 | 0 | 11 |
| 02:15 PM | 0 | 7 | 1 | 0 | 0 | 2 | 2 | 0 | 0 | 3 | 2 | 0 | 1 | 3 | 1 | 0 | 22 |
| 02:30 PM | 0 | 3 | 1 | 0 | 1 | 0 | 2 | 0 | 1 | 3 | 0 | 0 | 6 | 5 | 1 | 0 | 23 |
| 02:45 PM | 0 | 4 | 0 | 0 | 1 | 2 | 3 | 0 | 0 | 4 | 0 | 0 | 0 | 3 | 0 | 0 | 17 |
| Total | 0 | 18 | 2 | 0 | 2 | 4 | 8 | 0 | 3 | 11 | 2 | 0 | 9 | 12 | 2 | 0 | 73 |
| 03:00 PM | 0 | 4 | 0 | 0 | 0 | 1 | 1 | 0 | 2 | 1 | 0 | 0 | 2 | 1 | 0 | 0 | 12 |
| 03:15 PM | 0 | 9 | 1 | 0 | 0 | 2 | 1 | 0 | 6 | 1 | 5 | 0 | 1 | 1 | 1 | 0 | 28 |
| 03:30 PM | 0 | 2 | 0 | 0 | 0 | 2 | 2 | 0 | 1 | 3 | 2 | 0 | 1 | 0 | 0 | 0 | 13 |
| 03:45 PM | 0 | 6 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 2 | 0 | 2 | 0 | 0 | 0 | 12 |
| Total | 0 | 21 | 1 | 0 | 0 | 6 | 5 | 0 | 9 | 5 | 9 | 0 | 6 | 2 | 1 | 0 | 65 |
| 04:00 PM | 0 | 3 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 2 | 0 | 0 | 9 |
| 04:15 PM | 0 | 2 | 0 | 0 | 1 | 1 | 1 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 8 |
| 04:30 PM | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 2 | 0 | 2 | 2 | 0 | 0 | 9 |
| 04:45 PM | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 6 |
| Total | 0 | 7 | 1 | 0 | 3 | 3 | 1 | 0 | 1 | 5 | 3 | 0 | 4 | 4 | 0 | 0 | 32 |
| 05:00 PM | 0 | 4 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 8 |
| 05:15 PM | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 2 | 1 | 0 | 0 | 5 |
| 05:30 PM | 0 | 2 | 1 | 0 | 0 | 2 | 0 | 0 | 0 | 2 | 0 | 0 | 2 | 0 | 0 | 0 | 9 |
| 05:45 PM | 0 | 3 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 6 |
| Total | 0 | 10 | 1 | 0 | 1 | 4 | 0 | 0 | 0 | 5 | 1 | 0 | 4 | 1 | 1 | 0 | 28 |
| Grand Total | 1 | 74 | 9 | 0 | 9 | 20 | 25 | 0 | 15 | 58 | 22 | 0 | 29 | 24 | 4 | 0 | 290 |
| Apprch % | 1.2 | 88.1 | 10.7 | 0 | 16.7 | 37 | 46.3 | 0 | 15.8 | 61.1 | 23.2 | 0 | 50.9 | 42.1 | 7 | 0 | |
| Total % | 0.3 | 25.5 | 3.1 | 0 | 3.1 | 6.9 | 8.6 | 0 | 5.2 | 20 | 7.6 | 0 | 10 | 8.3 | 1.4 | 0 | |

| Start Time | Marlborough Road (Route 85) From North | | | | | Main Street (Route 30) From East | | | | | Cordaville Road (Route 85) From South | | | | | Main Street (Route 30) From West | | | | | Int. Total |
|--|---|------|------|--------|------------|-------------------------------------|------|------|--------|------------|--|------|------|--------|------------|-------------------------------------|------|------|--------|------------|------------|
| | Right | Thru | Left | U-Turn | App. Total | Right | Thru | Left | U-Turn | App. Total | Right | Thru | Left | U-Turn | App. Total | Right | Thru | Left | U-Turn | App. Total | |
| Peak Hour Analysis From 12:00 PM to 05:45 PM - Peak 1 of 1 | | | | | | | | | | | | | | | | | | | | | |
| Peak Hour for Entire Intersection Begins at 02:30 PM | | | | | | | | | | | | | | | | | | | | | |
| 02:30 PM | 0 | 3 | 1 | 0 | 4 | 1 | 0 | 2 | 0 | 3 | 1 | 3 | 0 | 0 | 4 | 6 | 5 | 1 | 0 | 12 | 23 |
| 02:45 PM | 0 | 4 | 0 | 0 | 4 | 1 | 2 | 3 | 0 | 6 | 0 | 4 | 0 | 0 | 4 | 0 | 3 | 0 | 0 | 3 | 17 |
| 03:00 PM | 0 | 4 | 0 | 0 | 4 | 0 | 1 | 1 | 0 | 2 | 2 | 1 | 0 | 0 | 3 | 2 | 1 | 0 | 0 | 3 | 12 |
| 03:15 PM | 0 | 9 | 1 | 0 | 10 | 0 | 2 | 1 | 0 | 3 | 6 | 1 | 5 | 0 | 12 | 1 | 1 | 1 | 0 | 3 | 28 |
| Total Volume | 0 | 20 | 2 | 0 | 22 | 2 | 5 | 7 | 0 | 14 | 9 | 9 | 5 | 0 | 23 | 9 | 10 | 2 | 0 | 21 | 80 |
| % App. Total | 0 | 90.9 | 9.1 | 0 | | 14.3 | 35.7 | 50 | 0 | | 39.1 | 39.1 | 21.7 | 0 | | 42.9 | 47.6 | 9.5 | 0 | | |
| PHF | .000 | .556 | .500 | .000 | .550 | .500 | .625 | .583 | .000 | .583 | .375 | .563 | .250 | .000 | .479 | .375 | .500 | .500 | .000 | .438 | .714 |



PRECISION
D A T A
INDUSTRIES, LLC

P.O. Box 301 Berlin, MA 01503
Office: 508.481.3999 Fax: 508.545.1234
Email: datarequests@pdillc.com

N/S: Route 85
E/W: Main Street (Route 30)
City, State: Southborough, MA
Client: VHB/ G. Russell

File Name : 143831 AA
Site Code : 12389.04
Start Date : 5/8/2014
Page No : 1

Groups Printed- Peds and Bicycles

| Start Time | Marlborough Road (Route 85) From North | | | | Main Street (Route 30) From East | | | | Cordaville Road (Route 85) From South | | | | Main Street (Route 30) From West | | | | Int. Total |
|-------------|---|------|------|------|-------------------------------------|------|------|------|--|------|------|------|-------------------------------------|------|------|------|------------|
| | Right | Thru | Left | Peds | Right | Thru | Left | Peds | Right | Thru | Left | Peds | Right | Thru | Left | Peds | |
| 12:00 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12:15 PM | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 5 |
| 12:30 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 |
| 12:45 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 2 |
| Total | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 3 | 0 | 1 | 0 | 0 | 8 |
| 01:00 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 01:15 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 2 |
| 01:30 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 01:45 PM | 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 | 2 | 0 | 0 | 0 | 0 | 2 |
| 02:00 PM | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 02:15 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 2 |
| 02:30 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 1 | 0 | 0 | 6 |
| 02:45 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 0 | 0 | 0 | 0 | 7 |
| Total | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 0 | 1 | 0 | 0 | 16 |
| 03:00 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 |
| 03:15 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 1 | 4 |
| 03:30 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 03:45 PM | 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 | 4 | 0 | 0 | 0 | 1 | 5 |
| 04:00 PM | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 3 |
| 04:15 PM | 0 | 0 | 0 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| 04:30 PM | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 3 |
| 04:45 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 0 | 1 | 0 | 5 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 9 |
| 05:00 PM | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 2 |
| 05:15 PM | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 2 | 0 | 0 | 0 | 0 | 7 |
| 05:30 PM | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| 05:45 PM | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 3 |
| Total | 0 | 0 | 0 | 8 | 0 | 1 | 0 | 0 | 0 | 2 | 0 | 3 | 0 | 1 | 0 | 0 | 15 |
| Grand Total | 0 | 1 | 2 | 14 | 0 | 2 | 0 | 0 | 0 | 2 | 2 | 26 | 0 | 3 | 0 | 3 | 55 |
| Apprch % | 0 | 5.9 | 11.8 | 82.4 | 0 | 100 | 0 | 0 | 0 | 6.7 | 6.7 | 86.7 | 0 | 50 | 0 | 50 | |
| Total % | 0 | 1.8 | 3.6 | 25.5 | 0 | 3.6 | 0 | 0 | 0 | 3.6 | 3.6 | 47.3 | 0 | 5.5 | 0 | 5.5 | |

| Start Time | Marlborough Road (Route 85) From North | | | | | Main Street (Route 30) From East | | | | | Cordaville Road (Route 85) From South | | | | | Main Street (Route 30) From West | | | | | Int. Total |
|--|---|------|------|------|------------|-------------------------------------|------|------|------|------------|--|------|------|------|------------|-------------------------------------|------|------|------|------------|------------|
| | Right | Thru | Left | Peds | App. Total | Right | Thru | Left | Peds | App. Total | Right | Thru | Left | Peds | App. Total | Right | Thru | Left | Peds | App. Total | |
| Peak Hour Analysis From 12:00 PM to 05:45 PM - Peak 1 of 1 | | | | | | | | | | | | | | | | | | | | | |
| Peak Hour for Entire Intersection Begins at 02:30 PM | | | | | | | | | | | | | | | | | | | | | |
| 02:30 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 5 | 0 | 1 | 0 | 0 | 1 | 6 |
| 02:45 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 7 | 0 | 0 | 0 | 0 | 0 | 7 |
| 03:00 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 03:15 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 3 | 0 | 0 | 0 | 1 | 1 | 4 |
| Total Volume | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 16 | 0 | 1 | 0 | 1 | 2 | 18 |
| % App. Total | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 100 | 100 | 0 | 50 | 0 | 50 | | |
| PHF | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .571 | .571 | .000 | .250 | .000 | .250 | .500 | .643 |



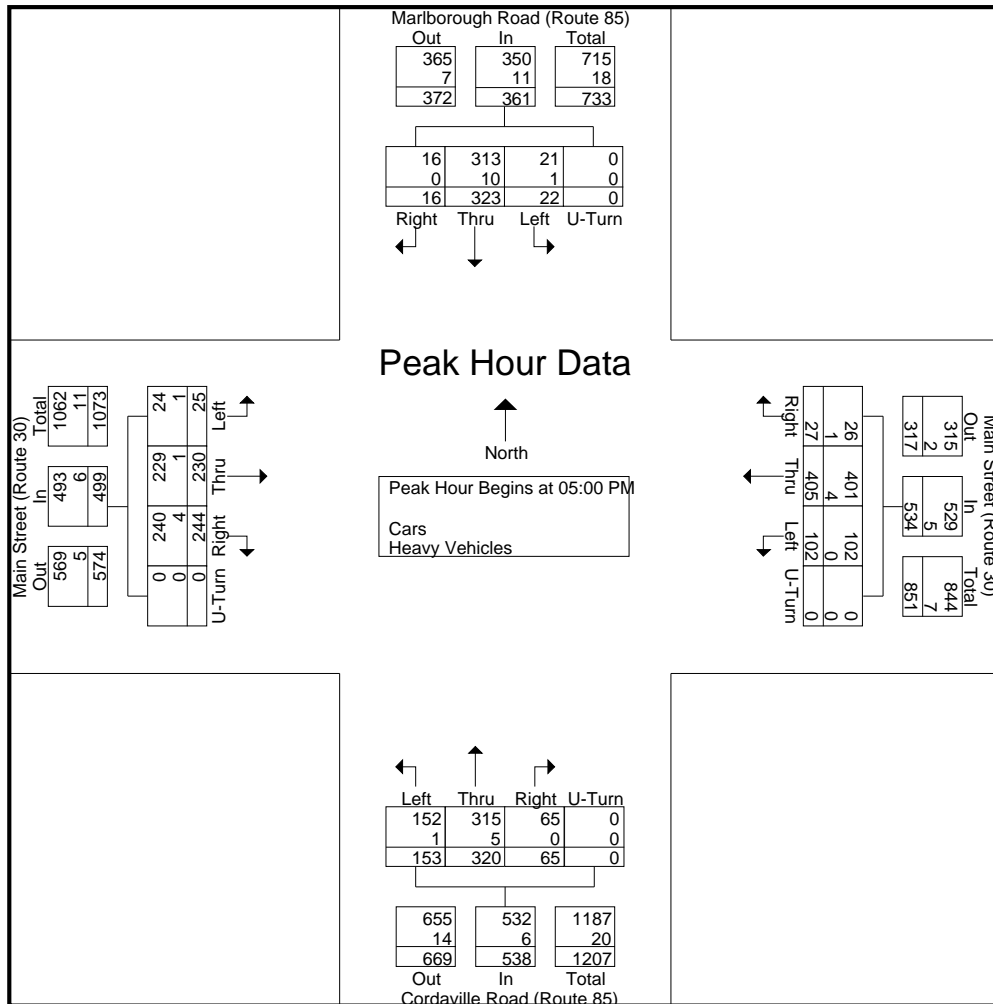
PRECISION
D A T A
INDUSTRIES, LLC

P.O. Box 301 Berlin, MA 01503
Office: 508.481.3999 Fax: 508.545.1234
Email: datarequests@pdillc.com

N/S: Route 85
E/W: Main Street (Route 30)
City, State: Southborough, MA
Client: VHB/ G. Russell

File Name : 143831 AA
Site Code : 12389.04
Start Date : 5/8/2014
Page No : 1

| Start Time | Marlborough Road (Route 85) From North | | | | | Main Street (Route 30) From East | | | | | Cordaville Road (Route 85) From South | | | | | Main Street (Route 30) From West | | | | | Int. Total |
|--|---|-----------|-----------|--------|------------|-------------------------------------|------------|-----------|--------|------------|--|-----------|-----------|--------|------------|-------------------------------------|-----------|-----------|--------|------------|------------|
| | Right | Thru | Left | U-Turn | App. Total | Right | Thru | Left | U-Turn | App. Total | Right | Thru | Left | U-Turn | App. Total | Right | Thru | Left | U-Turn | App. Total | |
| Peak Hour Analysis From 12:00 PM to 05:45 PM - Peak 1 of 1 | | | | | | | | | | | | | | | | | | | | | |
| Peak Hour for Entire Intersection Begins at 05:00 PM | | | | | | | | | | | | | | | | | | | | | |
| 05:00 PM | 2 | 76 | 3 | 0 | 81 | 7 | 96 | 29 | 0 | 132 | 19 | 68 | 42 | 0 | 129 | 65 | 58 | 11 | 0 | 134 | 476 |
| 05:15 PM | 5 | 80 | 7 | 0 | 92 | 9 | 107 | 22 | 0 | 138 | 12 | 80 | 38 | 0 | 130 | 76 | 60 | 3 | 0 | 139 | 499 |
| 05:30 PM | 6 | 74 | 10 | 0 | 90 | 6 | 93 | 26 | 0 | 125 | 19 | 74 | 41 | 0 | 134 | 56 | 57 | 6 | 0 | 119 | 468 |
| 05:45 PM | 3 | 93 | 2 | 0 | 98 | 5 | 109 | 25 | 0 | 139 | 15 | 98 | 32 | 0 | 145 | 47 | 55 | 5 | 0 | 107 | 489 |
| Total Volume | 16 | 323 | 22 | 0 | 361 | 27 | 405 | 102 | 0 | 534 | 65 | 320 | 153 | 0 | 538 | 244 | 230 | 25 | 0 | 499 | 1932 |
| % App. Total | 4.4 | 89.5 | 6.1 | 0 | | 5.1 | 75.8 | 19.1 | 0 | | 12.1 | 59.5 | 28.4 | 0 | | 48.9 | 46.1 | 5 | 0 | | |
| PHF | .667 | .868 | .550 | .000 | .921 | .750 | .929 | .879 | .000 | .960 | .855 | .816 | .911 | .000 | .928 | .803 | .958 | .568 | .000 | .897 | .968 |
| Cars | 16 | 313 | 21 | 0 | 350 | 26 | 401 | 102 | 0 | 529 | 65 | 315 | 152 | 0 | 532 | 240 | 229 | 24 | 0 | 493 | 1904 |
| % Cars | 100 | 96.9 | 95.5 | 0 | 97.0 | 96.3 | 99.0 | 100 | 0 | 99.1 | 100 | 98.4 | 99.3 | 0 | 98.9 | 98.4 | 99.6 | 96.0 | 0 | 98.8 | 98.6 |
| Heavy Vehicles | 0 | 10 | 1 | 0 | 11 | 1 | 4 | 0 | 0 | 5 | 0 | 5 | 1 | 0 | 6 | 4 | 1 | 1 | 0 | 6 | 28 |
| % Heavy Vehicles | 0 | 3.1 | 4.5 | 0 | 3.0 | 3.7 | 1.0 | 0 | 0 | 0.9 | 0 | 1.6 | 0.7 | 0 | 1.1 | 1.6 | 0.4 | 4.0 | 0 | 1.2 | 1.4 |



Marlborough Road (Route 85)
north of Main Street (Route 30)
City, State: Southborough, MA
Client: VHB/ G. Russell



PRECISION
D A T A
INDUSTRIES, LLC
P.O. Box 301 Berlin, MA 01503
Office: 508.481.3999 Fax: 508.545.1234
Email: datarequests@pdillc.com

143831 A Volume
Site Code: 12389.04

| Start Time | NB | | SB | | Combin ed | | 07-May-14 Wed | | | | |
|------------|--------------|----------|------------|--------------|-----------|------------|---------------|----------|--------|--------|-------|
| | A.M. | P.M. | A.M. | P.M. | A.M. | P.M. | | | | | |
| 12:00 | 4 | 46 | 4 | 38 | 8 | 84 | | | | | |
| 12:15 | 3 | 46 | 1 | 48 | 4 | 94 | | | | | |
| 12:30 | 3 | 44 | 1 | 43 | 4 | 87 | | | | | |
| 12:45 | 3 | 44 | 2 | 51 | 5 | 95 | 360 | | | | |
| 01:00 | 2 | 37 | 1 | 50 | 3 | 87 | | | | | |
| 01:15 | 5 | 54 | 0 | 48 | 5 | 102 | | | | | |
| 01:30 | 1 | 43 | 0 | 51 | 1 | 94 | | | | | |
| 01:45 | 0 | 55 | 0 | 56 | 0 | 111 | 394 | | | | |
| 02:00 | 1 | 44 | 0 | 40 | 1 | 84 | | | | | |
| 02:15 | 3 | 51 | 0 | 60 | 3 | 111 | | | | | |
| 02:30 | 2 | 43 | 0 | 58 | 2 | 101 | | | | | |
| 02:45 | 0 | 77 | 1 | 61 | 1 | 138 | 434 | | | | |
| 03:00 | 0 | 68 | 1 | 70 | 1 | 138 | | | | | |
| 03:15 | 2 | 79 | 2 | 53 | 4 | 132 | | | | | |
| 03:30 | 1 | 71 | 0 | 74 | 1 | 145 | | | | | |
| 03:45 | 2 | 81 | 1 | 69 | 3 | 150 | 565 | | | | |
| 04:00 | 0 | 81 | 0 | 75 | 0 | 156 | | | | | |
| 04:15 | 5 | 66 | 1 | 74 | 6 | 140 | | | | | |
| 04:30 | 3 | 67 | 3 | 75 | 6 | 142 | | | | | |
| 04:45 | 3 | 87 | 5 | 84 | 8 | 171 | 609 | | | | |
| 05:00 | 1 | 80 | 4 | 114 | 5 | 194 | | | | | |
| 05:15 | 5 | 87 | 19 | 109 | 24 | 196 | | | | | |
| 05:30 | 12 | 76 | 18 | 103 | 30 | 179 | | | | | |
| 05:45 | 18 | 89 | 21 | 76 | 39 | 165 | 734 | | | | |
| 06:00 | 20 | 81 | 31 | 65 | 51 | 146 | | | | | |
| 06:15 | 30 | 91 | 39 | 68 | 69 | 159 | | | | | |
| 06:30 | 31 | 74 | 43 | 49 | 74 | 123 | | | | | |
| 06:45 | 51 | 55 | 66 | 52 | 117 | 107 | 535 | | | | |
| 07:00 | 56 | 51 | 95 | 58 | 151 | 109 | | | | | |
| 07:15 | 60 | 78 | 66 | 71 | 126 | 149 | | | | | |
| 07:30 | 71 | 39 | 97 | 64 | 168 | 103 | | | | | |
| 07:45 | 76 | 44 | 116 | 26 | 192 | 70 | 431 | | | | |
| 08:00 | 97 | 49 | 94 | 32 | 191 | 81 | | | | | |
| 08:15 | 62 | 27 | 86 | 41 | 148 | 68 | | | | | |
| 08:30 | 57 | 30 | 90 | 38 | 147 | 68 | | | | | |
| 08:45 | 63 | 30 | 80 | 22 | 143 | 52 | 269 | | | | |
| 09:00 | 67 | 19 | 60 | 22 | 127 | 41 | | | | | |
| 09:15 | 46 | 31 | 50 | 26 | 96 | 57 | | | | | |
| 09:30 | 37 | 25 | 32 | 23 | 69 | 48 | | | | | |
| 09:45 | 35 | 22 | 49 | 17 | 84 | 39 | 185 | | | | |
| 10:00 | 31 | 18 | 46 | 8 | 77 | 26 | | | | | |
| 10:15 | 40 | 17 | 36 | 8 | 76 | 25 | | | | | |
| 10:30 | 48 | 9 | 36 | 6 | 84 | 15 | | | | | |
| 10:45 | 55 | 10 | 30 | 10 | 85 | 20 | 86 | | | | |
| 11:00 | 36 | 6 | 21 | 5 | 57 | 11 | | | | | |
| 11:15 | 32 | 6 | 39 | 6 | 71 | 12 | | | | | |
| 11:30 | 42 | 3 | 45 | 4 | 87 | 7 | | | | | |
| 11:45 | 40 | 4 | 45 | 0 | 85 | 4 | 34 | | | | |
| Total | 1262 | 2335 | 1477 | 2301 | 2739 | 4636 | | | | | |
| Percent | 46.1% | 50.4% | 53.9% | 49.6% | | | | | | | |
| Day Total | | 3597 | | 3778 | | 7375 | | | | | |
| Peak Vol. | 07:30 306 | - 337 | 05:30 - | 07:30 393 | - 410 | 04:45 - | 07:30 699 | - 740 | - - | - - | |
| P.H.F. | 0.789 | | 0.926 | | 0.847 | | 0.899 | | 0.910 | | 0.944 |

Marlborough Road (Route 85)
north of Main Street (Route 30)
City, State: Southborough, MA
Client: VHB/ G. Russell



PRECISION
D A T A
INDUSTRIES, LLC
P.O. Box 301 Berlin, MA 01503
Office: 508.481.3999 Fax: 508.545.1234
Email: datarequests@pdillc.com

143831 A Volume
Site Code: 12389.04

| Start Time | NB | | SB | | Combin ed | | 08-May-14 Thu | | | | | | | |
|------------|-------|-------|-------|-------|-----------|------|---------------|-----|-------|-----|-------|-----|---|---|
| | A.M. | P.M. | A.M. | P.M. | A.M. | P.M. | | | | | | | | |
| 12:00 | 3 | 41 | 3 | 63 | 6 | 104 | | | | | | | | |
| 12:15 | 5 | 58 | 2 | 28 | 7 | 86 | | | | | | | | |
| 12:30 | 8 | 51 | 3 | 35 | 11 | 86 | | | | | | | | |
| 12:45 | 3 | 49 | 0 | 8 | 3 | 94 | 370 | | | | | | | |
| 01:00 | 2 | 39 | 1 | 50 | 3 | 89 | | | | | | | | |
| 01:15 | 1 | 37 | 0 | 47 | 1 | 84 | | | | | | | | |
| 01:30 | 3 | 50 | 0 | 44 | 3 | 94 | | | | | | | | |
| 01:45 | 0 | 49 | 2 | 3 | 2 | 92 | 359 | | | | | | | |
| 02:00 | 0 | 39 | 0 | 44 | 0 | 83 | | | | | | | | |
| 02:15 | 4 | 52 | 1 | 53 | 5 | 105 | | | | | | | | |
| 02:30 | 0 | 43 | 1 | 53 | 1 | 96 | | | | | | | | |
| 02:45 | 0 | 48 | 1 | 3 | 1 | 112 | 396 | | | | | | | |
| 03:00 | 0 | 59 | 1 | 67 | 1 | 126 | | | | | | | | |
| 03:15 | 1 | 65 | 1 | 66 | 2 | 131 | | | | | | | | |
| 03:30 | 1 | 56 | 0 | 63 | 1 | 119 | | | | | | | | |
| 03:45 | 1 | 47 | 2 | 4 | 3 | 100 | 476 | | | | | | | |
| 04:00 | 1 | 69 | 0 | 63 | 1 | 132 | | | | | | | | |
| 04:15 | 5 | 78 | 4 | 72 | 9 | 150 | | | | | | | | |
| 04:30 | 2 | 85 | 3 | 69 | 5 | 154 | | | | | | | | |
| 04:45 | 2 | 10 | 84 | 6 | 13 | 84 | 288 | 23 | 168 | 604 | | | | |
| 05:00 | 3 | 81 | 6 | 77 | 9 | 158 | | | | | | | | |
| 05:15 | 5 | 88 | 13 | 85 | 18 | 173 | | | | | | | | |
| 05:30 | 16 | 87 | 19 | 93 | 35 | 180 | | | | | | | | |
| 05:45 | 15 | 39 | 98 | 17 | 55 | 88 | 343 | 32 | 94 | 186 | 697 | | | |
| 06:00 | 20 | 115 | 31 | 69 | 51 | 184 | | | | | | | | |
| 06:15 | 36 | 46 | 45 | 61 | 81 | 107 | | | | | | | | |
| 06:30 | 39 | 60 | 61 | 59 | 100 | 119 | | | | | | | | |
| 06:45 | 46 | 141 | 41 | 64 | 201 | 45 | 234 | 110 | 342 | 86 | 496 | | | |
| 07:00 | 67 | 41 | 79 | 45 | 146 | 86 | | | | | | | | |
| 07:15 | 57 | 70 | 65 | 46 | 122 | 116 | | | | | | | | |
| 07:30 | 70 | 39 | 93 | 56 | 163 | 95 | | | | | | | | |
| 07:45 | 72 | 266 | 40 | 190 | 107 | 344 | 38 | 185 | 179 | 610 | 78 | 375 | | |
| 08:00 | 87 | 39 | 87 | 30 | 174 | 69 | | | | | | | | |
| 08:15 | 65 | 23 | 92 | 37 | 157 | 60 | | | | | | | | |
| 08:30 | 62 | 19 | 66 | 19 | 128 | 38 | | | | | | | | |
| 08:45 | 55 | 269 | 17 | 98 | 73 | 318 | 11 | 97 | 128 | 587 | 28 | 195 | | |
| 09:00 | 62 | 14 | 71 | 14 | 133 | 28 | | | | | | | | |
| 09:15 | 64 | 22 | 49 | 16 | 113 | 38 | | | | | | | | |
| 09:30 | 38 | 20 | 39 | 18 | 77 | 38 | | | | | | | | |
| 09:45 | 48 | 212 | 12 | 68 | 40 | 199 | 11 | 59 | 88 | 411 | 23 | 127 | | |
| 10:00 | 39 | 16 | 40 | 12 | 79 | 28 | | | | | | | | |
| 10:15 | 41 | 11 | 29 | 16 | 70 | 27 | | | | | | | | |
| 10:30 | 43 | 9 | 25 | 8 | 68 | 17 | | | | | | | | |
| 10:45 | 43 | 166 | 3 | 39 | 36 | 130 | 2 | 38 | 79 | 296 | 5 | 77 | | |
| 11:00 | 30 | 1 | 39 | 5 | 69 | 6 | | | | | | | | |
| 11:15 | 40 | 7 | 32 | 4 | 72 | 11 | | | | | | | | |
| 11:30 | 44 | 5 | 43 | 5 | 87 | 10 | | | | | | | | |
| 11:45 | 32 | 146 | 3 | 16 | 39 | 153 | 3 | 17 | 71 | 299 | 6 | 33 | | |
| Total | 1281 | 2126 | 1431 | 2079 | 2712 | 4205 | | | | | | | | |
| Percent | 47.2% | 50.6% | 52.8% | 49.4% | | | | | | | | | | |
| Day Total | | 3407 | | 3510 | | 6917 | | | | | | | | |
| Peak Vol. | 07:30 | - | 05:15 | - | 07:30 | - | 05:00 | - | 07:30 | - | 05:15 | - | - | - |
| P.H.F. | 0.845 | - | 0.843 | - | 0.886 | - | 0.922 | - | 0.940 | - | 0.972 | - | - | - |

Marlborough Road (Route 85)
north of Main Street (Route 30)
City, State: Southborough, MA
Client: VHB/ G. Russell



PRECISION
D A T A
INDUSTRIES, LLC

P.O.Box 301 Berlin, MA 01503
Office: 508.481.3999 Fax: 508.545.1234
Email: datarequests@pdillc.com

143831 A Class
Site Code: 12389.04

NB

| Start Time | Bikes | Cars & Trailers | 2 Axle Long | Buses | 2 Axle 6 Tire | 3 Axle Single | 4 Axle Single | <5 Axl Double | 5 Axle Double | >6 Axl Double | <6 Axl Multi | 6 Axle Multi | >6 Axl Multi | Total |
|------------|-------|-----------------|-------------|-------|---------------|---------------|---------------|---------------|---------------|---------------|--------------|--------------|--------------|-------|
| 05/07/1 | | | | | | | | | | | | | | |
| 4 | 0 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 |
| 01:00 | 0 | 7 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 |
| 02:00 | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 |
| 03:00 | 0 | 2 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 04:00 | 0 | 8 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 |
| 05:00 | 0 | 30 | 5 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 36 |
| 06:00 | 1 | 94 | 18 | 6 | 10 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 132 |
| 07:00 | 3 | 204 | 45 | 1 | 6 | 1 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 263 |
| 08:00 | 0 | 222 | 44 | 0 | 7 | 2 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 279 |
| 09:00 | 0 | 141 | 35 | 0 | 5 | 1 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 185 |
| 10:00 | 4 | 129 | 31 | 0 | 8 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 174 |
| 11:00 | 0 | 111 | 26 | 0 | 8 | 3 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 150 |
| 12 PM | 3 | 131 | 29 | 0 | 9 | 6 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 180 |
| 13:00 | 4 | 132 | 28 | 3 | 19 | 2 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 189 |
| 14:00 | 2 | 166 | 35 | 3 | 7 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 215 |
| 15:00 | 2 | 244 | 44 | 0 | 5 | 3 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 299 |
| 16:00 | 3 | 252 | 32 | 2 | 11 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 301 |
| 17:00 | 4 | 298 | 26 | 0 | 3 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 332 |
| 18:00 | 2 | 262 | 31 | 0 | 5 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 301 |
| 19:00 | 3 | 187 | 17 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 212 |
| 20:00 | 0 | 116 | 19 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 136 |
| 21:00 | 1 | 88 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 97 |
| 22:00 | 1 | 48 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 54 |
| 23:00 | 1 | 15 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19 |
| Total | 34 | 2906 | 486 | 16 | 110 | 21 | 1 | 21 | 2 | 0 | 0 | 0 | 0 | 3597 |
| Percent | 0.9% | 80.8% | 13.5% | 0.4% | 3.1% | 0.6% | 0.0% | 0.6% | 0.1% | 0.0% | 0.0% | 0.0% | 0.0% | |
| AM Peak | 10:00 | 08:00 | 07:00 | 06:00 | 06:00 | 11:00 | | 08:00 | | | | | | 08:00 |
| Vol. | 4 | 222 | 45 | 6 | 10 | 3 | | 4 | | | | | | 279 |
| PM Peak | 13:00 | 17:00 | 15:00 | 13:00 | 13:00 | 12:00 | 12:00 | 12:00 | 13:00 | | | | | 17:00 |
| Vol. | 4 | 298 | 44 | 3 | 19 | 6 | 1 | 1 | 1 | | | | | 332 |

Marlborough Road (Route 85)
north of Main Street (Route 30)
City, State: Southborough, MA
Client: VHB/ G. Russell



PRECISION
D A T A
INDUSTRIES, LLC

P.O.Box 301 Berlin, MA 01503
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Email: datarequests@pdillc.com

143831 A Class
Site Code: 12389.04

NB

| Start Time | Bikes | Cars & Trailers | 2 Axle Long | Buses | 2 Axle 6 Tire | 3 Axle Single | 4 Axle Single | <5 Axl Double | 5 Axle Double | >6 Axl Double | <6 Axl Multi | 6 Axle Multi | >6 Axl Multi | Total |
|------------|-------|-----------------|-------------|-------|---------------|---------------|---------------|---------------|---------------|---------------|--------------|--------------|--------------|-------|
| 05/08/1 | | | | | | | | | | | | | | |
| 4 | 0 | 18 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19 |
| 01:00 | 0 | 5 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 |
| 02:00 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |
| 03:00 | 0 | 0 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| 04:00 | 0 | 8 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 |
| 05:00 | 0 | 29 | 8 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 39 |
| 06:00 | 1 | 100 | 21 | 6 | 11 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 141 |
| 07:00 | 4 | 189 | 51 | 2 | 17 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 266 |
| 08:00 | 3 | 214 | 38 | 2 | 9 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 269 |
| 09:00 | 1 | 157 | 43 | 0 | 8 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 212 |
| 10:00 | 1 | 125 | 32 | 0 | 6 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 166 |
| 11:00 | 0 | 95 | 31 | 0 | 14 | 3 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 146 |
| 12 PM | 2 | 159 | 27 | 0 | 7 | 0 | 0 | 3 | 1 | 0 | 0 | 0 | 0 | 199 |
| 13:00 | 0 | 120 | 30 | 2 | 19 | 1 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 175 |
| 14:00 | 1 | 143 | 25 | 0 | 9 | 2 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 182 |
| 15:00 | 3 | 179 | 37 | 1 | 5 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 227 |
| 16:00 | 4 | 268 | 32 | 2 | 8 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 316 |
| 17:00 | 6 | 305 | 38 | 0 | 3 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 354 |
| 18:00 | 3 | 233 | 20 | 0 | 5 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 262 |
| 19:00 | 2 | 167 | 18 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 190 |
| 20:00 | 0 | 86 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 98 |
| 21:00 | 0 | 62 | 5 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 68 |
| 22:00 | 0 | 33 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 39 |
| 23:00 | 0 | 15 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 |
| Total | 31 | 2714 | 480 | 17 | 127 | 10 | 0 | 20 | 8 | 0 | 0 | 0 | 0 | 3407 |
| Percent | 0.9% | 79.7% | 14.1% | 0.5% | 3.7% | 0.3% | 0.0% | 0.6% | 0.2% | 0.0% | 0.0% | 0.0% | 0.0% | |
| AM Peak | 07:00 | 08:00 | 07:00 | 06:00 | 07:00 | 11:00 | | 07:00 | 06:00 | | | | | 08:00 |
| Vol. | 4 | 214 | 51 | 6 | 17 | 3 | | 3 | 1 | | | | | 269 |
| PM Peak | 17:00 | 17:00 | 17:00 | 13:00 | 13:00 | 14:00 | | 12:00 | 13:00 | | | | | 17:00 |
| Vol. | 6 | 305 | 38 | 2 | 19 | 2 | | 3 | 3 | | | | | 354 |

Marlborough Road (Route 85)
north of Main Street (Route 30)
City, State: Southborough, MA
Client: VHB/ G. Russell



PRECISION
D A T A
INDUSTRIES, LLC

P.O.Box 301 Berlin, MA 01503
Office: 508.481.3999 Fax: 508.545.1234
Email: datarequests@pdillc.com

143831 A Class
Site Code: 12389.04

SB

| Start Time | Bikes | Cars & Trailers | 2 Axle Long | Buses | 2 Axle 6 Tire | 3 Axle Single | 4 Axle Single | <5 Axl Double | 5 Axle Double | >6 Axl Double | <6 Axl Multi | 6 Axle Multi | >6 Axl Multi | Total |
|------------|-------|-----------------|-------------|-------|---------------|---------------|---------------|---------------|---------------|---------------|--------------|--------------|--------------|-------|
| 05/07/1 | | | | | | | | | | | | | | |
| 4 | 0 | 3 | 4 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 |
| 01:00 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 02:00 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 03:00 | 0 | 2 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |
| 04:00 | 0 | 6 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 |
| 05:00 | 0 | 41 | 13 | 0 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 62 |
| 06:00 | 1 | 116 | 46 | 1 | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 179 |
| 07:00 | 1 | 247 | 95 | 5 | 25 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 374 |
| 08:00 | 1 | 221 | 104 | 2 | 18 | 2 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 350 |
| 09:00 | 0 | 118 | 44 | 4 | 23 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 191 |
| 10:00 | 1 | 80 | 41 | 3 | 20 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 148 |
| 11:00 | 0 | 81 | 48 | 2 | 12 | 0 | 0 | 6 | 1 | 0 | 0 | 0 | 0 | 150 |
| 12 PM | 3 | 114 | 45 | 3 | 14 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 180 |
| 13:00 | 0 | 135 | 41 | 2 | 20 | 4 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 205 |
| 14:00 | 0 | 131 | 67 | 2 | 17 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 219 |
| 15:00 | 2 | 145 | 75 | 8 | 30 | 3 | 0 | 2 | 1 | 0 | 0 | 0 | 0 | 266 |
| 16:00 | 0 | 210 | 63 | 3 | 26 | 4 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 308 |
| 17:00 | 2 | 259 | 106 | 3 | 28 | 2 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 402 |
| 18:00 | 0 | 146 | 74 | 0 | 11 | 1 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 234 |
| 19:00 | 1 | 155 | 55 | 0 | 7 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 219 |
| 20:00 | 2 | 95 | 31 | 0 | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 133 |
| 21:00 | 2 | 58 | 27 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 88 |
| 22:00 | 0 | 19 | 9 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 32 |
| 23:00 | 0 | 9 | 5 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 |
| Total | 16 | 2393 | 996 | 38 | 287 | 19 | 0 | 25 | 4 | 0 | 0 | 0 | 0 | 3778 |
| Percent | 0.4% | 63.3% | 26.4% | 1.0% | 7.6% | 0.5% | 0.0% | 0.7% | 0.1% | 0.0% | 0.0% | 0.0% | 0.0% | |
| AM Peak | 06:00 | 07:00 | 08:00 | 07:00 | 07:00 | 08:00 | | 11:00 | 08:00 | | | | | 07:00 |
| Vol. | 1 | 247 | 104 | 5 | 25 | 2 | | 6 | 1 | | | | | 374 |
| PM Peak | 12:00 | 17:00 | 17:00 | 15:00 | 15:00 | 13:00 | | 13:00 | 15:00 | | | | | 17:00 |
| Vol. | 3 | 259 | 106 | 8 | 30 | 4 | | 3 | 1 | | | | | 402 |

Marlborough Road (Route 85)
north of Main Street (Route 30)
City, State: Southborough, MA
Client: VHB/ G. Russell



PRECISION
D A T A
INDUSTRIES, LLC

P.O.Box 301 Berlin, MA 01503
Office: 508.481.3999 Fax: 508.545.1234
Email: datarequests@pdillc.com

143831 A Class
Site Code: 12389.04

SB

| Start Time | Bikes | Cars & Trailers | 2 Axle Long | Buses | 2 Axle 6 Tire | 3 Axle Single | 4 Axle Single | <5 Axl Double | 5 Axle Double | >6 Axl Double | <6 Axl Multi | 6 Axle Multi | >6 Axl Multi | Total |
|------------|-------|-----------------|-------------|-------|---------------|---------------|---------------|---------------|---------------|---------------|--------------|--------------|--------------|-------|
| 05/08/1 | | | | | | | | | | | | | | |
| 4 | 0 | 6 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 |
| 01:00 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| 02:00 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| 03:00 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |
| 04:00 | 0 | 5 | 5 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 |
| 05:00 | 0 | 32 | 18 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 55 |
| 06:00 | 0 | 131 | 53 | 1 | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 201 |
| 07:00 | 1 | 220 | 91 | 6 | 22 | 3 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 344 |
| 08:00 | 2 | 208 | 80 | 3 | 20 | 1 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 318 |
| 09:00 | 0 | 112 | 59 | 3 | 21 | 1 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 199 |
| 10:00 | 1 | 72 | 41 | 1 | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 130 |
| 11:00 | 3 | 88 | 42 | 1 | 18 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 153 |
| 12 PM | 0 | 97 | 44 | 0 | 24 | 2 | 0 | 1 | 3 | 0 | 0 | 0 | 0 | 171 |
| 13:00 | 0 | 108 | 49 | 3 | 22 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 184 |
| 14:00 | 0 | 129 | 59 | 1 | 19 | 4 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 214 |
| 15:00 | 0 | 144 | 68 | 2 | 30 | 1 | 1 | 2 | 1 | 0 | 0 | 0 | 0 | 249 |
| 16:00 | 1 | 196 | 63 | 4 | 22 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 288 |
| 17:00 | 4 | 231 | 78 | 1 | 25 | 2 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 343 |
| 18:00 | 3 | 169 | 51 | 0 | 10 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 234 |
| 19:00 | 0 | 125 | 44 | 0 | 14 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 185 |
| 20:00 | 1 | 70 | 21 | 0 | 4 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 97 |
| 21:00 | 1 | 40 | 15 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 59 |
| 22:00 | 0 | 25 | 10 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 38 |
| 23:00 | 0 | 7 | 8 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 |
| Total | 17 | 2220 | 905 | 28 | 296 | 17 | 1 | 20 | 6 | 0 | 0 | 0 | 0 | 3510 |
| Percent | 0.5% | 63.2% | 25.8% | 0.8% | 8.4% | 0.5% | 0.0% | 0.6% | 0.2% | 0.0% | 0.0% | 0.0% | 0.0% | |
| AM Peak | 11:00 | 07:00 | 07:00 | 07:00 | 07:00 | 07:00 | | 08:00 | | | | | | 07:00 |
| Vol. | 3 | 220 | 91 | 6 | 22 | 3 | | 4 | | | | | | 344 |
| PM Peak | 17:00 | 17:00 | 17:00 | 16:00 | 15:00 | 14:00 | 15:00 | 15:00 | 12:00 | | | | | 17:00 |
| Vol. | 4 | 231 | 78 | 4 | 30 | 4 | 1 | 2 | 3 | | | | | 343 |

Marlborough Road (Route 85)
north of Main Street (Route 30)
City, State: Southborough, MA
Client: VHB/ G. Russell



PRECISION
D A T A
INDUSTRIES, LLC
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Office: 508.481.3999 Fax: 508.545.1234
Email: datarequests@pdillc.com

143831 A Speed
Site Code: 12389.04

| NB | 1 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | Total | 85th % ile | Ave Speed |
|------------|-----------|-----------|-----------|-----------|------------|-----------|-----------|-------|------|------|------|------|------|------------|------------|-----------|
| Start Time | 14 | 19 | 24 | 29 | 34 | 39 | 44 | 49 | 54 | 59 | 64 | 69 | 9999 | | | |
| 05/07/ | | | | | | | | | | | | | | | | |
| 14 | 0 | 0 | 0 | 0 | 4 | 7 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 39 | 36 |
| 01:00 | 0 | 0 | 0 | 1 | 5 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 36 | 33 |
| 02:00 | 0 | 0 | 0 | 1 | 2 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 41 | 35 |
| 03:00 | 0 | 0 | 0 | 0 | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 37 | 34 |
| 04:00 | 0 | 0 | 0 | 1 | 4 | 5 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 38 | 35 |
| 05:00 | 0 | 0 | 1 | 3 | 9 | 18 | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 36 | 39 | 35 |
| 06:00 | 0 | 0 | 2 | 9 | 66 | 47 | 7 | 1 | 0 | 0 | 0 | 0 | 0 | 132 | 37 | 34 |
| 07:00 | 2 | 0 | 12 | 46 | 134 | 66 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 263 | 36 | 32 |
| 08:00 | 1 | 4 | 13 | 44 | 121 | 86 | 9 | 1 | 0 | 0 | 0 | 0 | 0 | 279 | 37 | 32 |
| 09:00 | 1 | 1 | 6 | 21 | 77 | 70 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 185 | 37 | 33 |
| 10:00 | 0 | 0 | 5 | 29 | 68 | 60 | 11 | 1 | 0 | 0 | 0 | 0 | 0 | 174 | 37 | 33 |
| 11:00 | 0 | 0 | 9 | 32 | 49 | 52 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 150 | 37 | 33 |
| 12 PM | 0 | 6 | 7 | 21 | 80 | 52 | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 180 | 37 | 32 |
| 13:00 | 1 | 3 | 17 | 44 | 68 | 50 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 189 | 36 | 31 |
| 14:00 | 10 | 14 | 24 | 40 | 64 | 55 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 215 | 36 | 28 |
| 15:00 | 8 | 32 | 76 | 97 | 58 | 26 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 299 | 32 | 25 |
| 16:00 | 15 | 13 | 54 | 99 | 103 | 16 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 301 | 32 | 26 |
| 17:00 | 0 | 6 | 37 | 88 | 153 | 42 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 332 | 34 | 30 |
| 18:00 | 0 | 0 | 15 | 80 | 136 | 65 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 301 | 35 | 31 |
| 19:00 | 0 | 8 | 23 | 44 | 100 | 36 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 212 | 34 | 30 |
| 20:00 | 0 | 0 | 7 | 33 | 67 | 27 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 136 | 35 | 31 |
| 21:00 | 0 | 2 | 4 | 22 | 50 | 17 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 97 | 35 | 31 |
| 22:00 | 0 | 0 | 5 | 14 | 16 | 15 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 54 | 37 | 32 |
| 23:00 | 0 | 0 | 1 | 3 | 8 | 6 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 19 | 37 | 33 |
| Total | 38 | 89 | 318 | 772 | 1445 | 823 | 107 | 5 | 0 | 0 | 0 | 0 | 0 | 3597 | | |
| % | 1.1% | 2.5% | 8.8% | 21.5% | 40.2% | 22.9% | 3.0% | 0.1% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | | | |
| AM Peak | 07:00 | 08:00 | 08:00 | 07:00 | 07:00 | 08:00 | 10:00 | 05:00 | | | | | | 08:00 | | |
| Vol. | 2 | 4 | 13 | 46 | 134 | 86 | 11 | 1 | | | | | | 279 | | |
| PM Peak | 16:00 | 15:00 | 15:00 | 16:00 | 17:00 | 18:00 | 12:00 | | | | | | | 17:00 | | |
| Vol. | 15 | 32 | 76 | 99 | 153 | 65 | 14 | | | | | | | 332 | | |

Stats

15th Percentile : 23 MPH
50th Percentile : 30 MPH
85th Percentile : 36 MPH
95th Percentile : 39 MPH

Mean Speed(Average) : 30 MPH
10 MPH Pace Speed : 28-37 MPH
Number in Pace : 2204
Percent in Pace : 61.3%
Number of Vehicles > 30 MPH : 1969
Percent of Vehicles > 30 MPH : 54.7%

Marlborough Road (Route 85)
north of Main Street (Route 30)
City, State: Southborough, MA
Client: VHB/ G. Russell



PRECISION
D A T A
INDUSTRIES, LLC
P.O.Box 301 Berlin, MA 01503
Office: 508.481.3999 Fax: 508.545.1234
Email: datarequests@pdillc.com

143831 A Speed
Site Code: 12389.04

NB

| Start Time | 14 | 15 | 19 | 20 | 24 | 25 | 29 | 30 | 34 | 35 | 39 | 40 | 44 | 45 | 49 | 50 | 54 | 55 | 59 | 60 | 64 | 65 | 69 | 70 | 9999 | Total | 85th % ile | Ave Speed | |
|------------|----------|-----------|-----------|-----------|------------|-----------|-----------|----------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------------|------------|-----------|--|
| 05/08/ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | 0 | 0 | 0 | 1 | 3 | 8 | 2 | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19 | 41 | 34 | |
| 01:00 | 0 | 0 | 0 | 1 | 3 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 39 | 34 | |
| 02:00 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 40 | 34 | |
| 03:00 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 41 | 37 | |
| 04:00 | 0 | 0 | 0 | 1 | 7 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 35 | 32 | |
| 05:00 | 0 | 0 | 0 | 10 | 7 | 16 | 5 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 39 | 39 | 34 | |
| 06:00 | 0 | 0 | 0 | 16 | 58 | 57 | 8 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 141 | 38 | 34 | |
| 07:00 | 0 | 0 | 7 | 59 | 128 | 64 | 7 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 266 | 36 | 32 | |
| 08:00 | 0 | 0 | 8 | 59 | 118 | 74 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 269 | 36 | 32 | |
| 09:00 | 0 | 0 | 7 | 28 | 86 | 70 | 20 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 212 | 38 | 34 | |
| 10:00 | 0 | 0 | 1 | 26 | 67 | 58 | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 166 | 38 | 34 | |
| 11:00 | 0 | 0 | 4 | 37 | 48 | 46 | 10 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 146 | 37 | 33 | |
| 12 PM | 2 | 0 | 9 | 34 | 71 | 74 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 199 | 37 | 33 | |
| 13:00 | 0 | 0 | 4 | 32 | 73 | 51 | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 175 | 38 | 33 | |
| 14:00 | 0 | 0 | 3 | 14 | 90 | 65 | 9 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 182 | 37 | 34 | |
| 15:00 | 0 | 2 | 4 | 40 | 118 | 56 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 227 | 36 | 32 | |
| 16:00 | 1 | 18 | 37 | 66 | 139 | 49 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 316 | 34 | 29 | |
| 17:00 | 6 | 9 | 28 | 83 | 161 | 59 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 354 | 35 | 30 | |
| 18:00 | 0 | 2 | 13 | 49 | 126 | 61 | 10 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 262 | 36 | 32 | |
| 19:00 | 1 | 2 | 10 | 39 | 78 | 48 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 190 | 37 | 32 | |
| 20:00 | 0 | 0 | 3 | 22 | 50 | 18 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 98 | 36 | 32 | |
| 21:00 | 0 | 0 | 3 | 21 | 32 | 11 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 68 | 35 | 31 | |
| 22:00 | 0 | 0 | 0 | 6 | 19 | 12 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 39 | 37 | 33 | |
| 23:00 | 0 | 0 | 0 | 3 | 9 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 36 | 33 | |
| Total | 10 | 33 | 142 | 650 | 1498 | 899 | 166 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3407 | | | |
| % | 0.3% | 1.0% | 4.2% | 19.1% | 44.0% | 26.4% | 4.9% | 0.3% | 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% | 0.0% | 0.0% | 0.0% | | | | |
| AM Peak | | | 08:00 | 07:00 | 07:00 | 08:00 | 09:00 | 06:00 | | | | | | | | | | | | | | | | | | 08:00 | | | |
| Vol. | | | 8 | 59 | 128 | 74 | 20 | 2 | | | | | | | | | | | | | | | | | | 269 | | | |
| PM Peak | 17:00 | 16:00 | 16:00 | 17:00 | 17:00 | 12:00 | 13:00 | 14:00 | | | | | | | | | | | | | | | | | | 17:00 | | | |
| Vol. | 6 | 18 | 37 | 83 | 161 | 74 | 15 | 1 | | | | | | | | | | | | | | | | | | 354 | | | |

Stats
15th Percentile : 26 MPH
50th Percentile : 31 MPH
85th Percentile : 37 MPH
95th Percentile : 39 MPH

Mean Speed(Average) : 32 MPH
10 MPH Pace Speed : 28-37 MPH
Number in Pace : 2282
Percent in Pace : 67.0%
Number of Vehicles > 30 MPH : 2159
Percent of Vehicles > 30 MPH : 63.4%

Marlborough Road (Route 85)
north of Main Street (Route 30)
City, State: Southborough, MA
Client: VHB/ G. Russell



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143831 A Speed
Site Code: 12389.04

SB

| Start Time | 14 | 15 | 19 | 20 | 24 | 25 | 29 | 30 | 34 | 35 | 39 | 40 | 44 | 45 | 49 | 50 | 54 | 55 | 59 | 60 | 64 | 65 | 69 | 70 | 9999 | Total | 85th % ile | Ave Speed | |
|------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|------|------|------|------|------|-------|------|------|------|-------|------------|-----------|--|
| 05/07/ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 41 | 38 | |
| 01:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 38 | 37 | |
| 02:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 38 | 37 | |
| 03:00 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 51 | 41 | |
| 04:00 | 0 | 0 | 0 | 0 | 0 | 1 | 6 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 40 | 38 | | |
| 05:00 | 0 | 0 | 0 | 0 | 1 | 8 | 22 | 21 | 8 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 62 | 44 | 40 | | |
| 06:00 | 0 | 0 | 3 | 3 | 35 | 77 | 53 | 7 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 179 | 42 | 38 | | |
| 07:00 | 0 | 0 | 5 | 33 | 117 | 170 | 42 | 6 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 374 | 39 | 35 | | |
| 08:00 | 0 | 1 | 5 | 41 | 74 | 149 | 67 | 12 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 350 | 41 | 36 | | |
| 09:00 | 0 | 0 | 1 | 7 | 44 | 81 | 39 | 18 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 191 | 42 | 37 | | |
| 10:00 | 0 | 0 | 2 | 5 | 30 | 60 | 40 | 9 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 148 | 42 | 38 | | |
| 11:00 | 0 | 0 | 1 | 3 | 38 | 82 | 20 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 150 | 40 | 36 | | |
| 12 PM | 0 | 0 | 3 | 11 | 54 | 71 | 33 | 5 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 180 | 41 | 36 | | |
| 13:00 | 0 | 0 | 0 | 27 | 70 | 73 | 33 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 205 | 39 | 35 | | |
| 14:00 | 0 | 1 | 14 | 36 | 73 | 69 | 25 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 219 | 38 | 33 | | |
| 15:00 | 0 | 3 | 21 | 73 | 120 | 39 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 266 | 35 | 31 | | |
| 16:00 | 1 | 8 | 35 | 65 | 134 | 57 | 7 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 308 | 35 | 30 | | |
| 17:00 | 0 | 2 | 53 | 84 | 123 | 112 | 25 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 402 | 37 | 32 | | |
| 18:00 | 0 | 0 | 5 | 33 | 58 | 91 | 42 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 234 | 40 | 35 | | |
| 19:00 | 0 | 0 | 5 | 31 | 79 | 77 | 25 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 219 | 39 | 34 | | |
| 20:00 | 0 | 0 | 3 | 12 | 34 | 64 | 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 133 | 39 | 35 | | |
| 21:00 | 0 | 0 | 6 | 10 | 31 | 24 | 16 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 88 | 40 | 34 | | |
| 22:00 | 0 | 0 | 3 | 0 | 3 | 15 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 32 | 41 | 37 | | |
| 23:00 | 0 | 0 | 0 | 0 | 5 | 4 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 42 | 37 | | |
| Total | 1 | 15 | 165 | 476 | 1131 | 1352 | 538 | 86 | 10 | 2 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3778 | | | | |
| % | 0.0% | 0.4% | 4.4% | 12.6% | 29.9% | 35.8% | 14.2% | 2.3% | 0.3% | 0.1% | 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% | | | | | |
| AM Peak | | 08:00 | 07:00 | 08:00 | 07:00 | 07:00 | 08:00 | 09:00 | 10:00 | 07:00 | 05:00 | | | | | | | | | | | | | | | 07:00 | | | |
| Vol. | | 1 | 5 | 41 | 117 | 170 | 67 | 18 | 2 | 1 | 1 | | | | | | | | | | | | | | | 374 | | | |
| PM Peak | 16:00 | 16:00 | 17:00 | 17:00 | 16:00 | 17:00 | 18:00 | 12:00 | 12:00 | 12:00 | | | | | | | | | | | | 22:00 | | | | 17:00 | | | |
| Vol. | 1 | 8 | 53 | 84 | 134 | 112 | 42 | 5 | 2 | 1 | | | | | | | | | | | | 1 | | | | 402 | | | |

Stats
 15th Percentile : 27 MPH
 50th Percentile : 34 MPH
 85th Percentile : 39 MPH
 95th Percentile : 43 MPH

Mean Speed(Average) : 34 MPH
 10 MPH Pace Speed : 30-39 MPH
 Number in Pace : 2302
 Percent in Pace : 60.9%
 Number of Vehicles > 30 MPH : 2893
 Percent of Vehicles > 30 MPH : 76.6%

Marlborough Road (Route 85)
north of Main Street (Route 30)
City, State: Southborough, MA
Client: VHB/ G. Russell



PRECISION
D A T A
INDUSTRIES, LLC
P.O. Box 301 Berlin, MA 01503
Office: 508.481.3999 Fax: 508.545.1234
Email: datarequests@pdillc.com

143831 A Speed
Site Code: 12389.04

SB

| Start Time | 14 | 15 19 | 20 24 | 25 29 | 30 34 | 35 39 | 40 44 | 45 49 | 50 54 | 55 59 | 60 64 | 65 69 | 70 9999 | Total | 85th % ile | Ave Speed |
|------------|------|----------|-----------|-----------|------------|------------|-----------|-----------|----------|----------|----------|----------|----------|------------|------------|-----------|
| 05/08/14 | 0 | 0 | 0 | 1 | 1 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 42 | 37 |
| 01:00 | 0 | 0 | 0 | 0 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 36 | 34 |
| 02:00 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 38 | 37 |
| 03:00 | 0 | 0 | 0 | 0 | 0 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 41 | 38 |
| 04:00 | 0 | 0 | 0 | 0 | 1 | 8 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 13 | 44 | 39 |
| 05:00 | 0 | 0 | 2 | 1 | 3 | 21 | 18 | 9 | 1 | 0 | 0 | 0 | 0 | 55 | 45 | 40 |
| 06:00 | 0 | 0 | 0 | 2 | 41 | 98 | 47 | 11 | 1 | 0 | 1 | 0 | 0 | 201 | 42 | 38 |
| 07:00 | 0 | 2 | 8 | 29 | 87 | 160 | 56 | 2 | 0 | 0 | 0 | 0 | 0 | 344 | 39 | 35 |
| 08:00 | 0 | 0 | 3 | 19 | 90 | 143 | 54 | 9 | 0 | 0 | 0 | 0 | 0 | 318 | 40 | 36 |
| 09:00 | 0 | 0 | 3 | 12 | 50 | 81 | 37 | 14 | 1 | 1 | 0 | 0 | 0 | 199 | 42 | 37 |
| 10:00 | 0 | 0 | 0 | 10 | 34 | 51 | 28 | 7 | 0 | 0 | 0 | 0 | 0 | 130 | 41 | 37 |
| 11:00 | 0 | 0 | 2 | 10 | 39 | 73 | 24 | 4 | 1 | 0 | 0 | 0 | 0 | 153 | 40 | 36 |
| 12 PM | 0 | 0 | 3 | 12 | 35 | 87 | 27 | 7 | 0 | 0 | 0 | 0 | 0 | 171 | 40 | 36 |
| 13:00 | 0 | 0 | 5 | 9 | 52 | 85 | 27 | 6 | 0 | 0 | 0 | 0 | 0 | 184 | 40 | 36 |
| 14:00 | 0 | 0 | 5 | 21 | 59 | 86 | 37 | 5 | 1 | 0 | 0 | 0 | 0 | 214 | 40 | 35 |
| 15:00 | 0 | 0 | 10 | 40 | 80 | 83 | 32 | 4 | 0 | 0 | 0 | 0 | 0 | 249 | 39 | 34 |
| 16:00 | 0 | 0 | 4 | 41 | 104 | 107 | 27 | 5 | 0 | 0 | 0 | 0 | 0 | 288 | 38 | 34 |
| 17:00 | 0 | 0 | 11 | 39 | 121 | 134 | 35 | 3 | 0 | 0 | 0 | 0 | 0 | 343 | 38 | 34 |
| 18:00 | 0 | 0 | 4 | 10 | 79 | 108 | 31 | 1 | 1 | 0 | 0 | 0 | 0 | 234 | 39 | 35 |
| 19:00 | 0 | 1 | 1 | 14 | 64 | 68 | 34 | 3 | 0 | 0 | 0 | 0 | 0 | 185 | 40 | 35 |
| 20:00 | 0 | 0 | 2 | 11 | 30 | 43 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 97 | 39 | 35 |
| 21:00 | 0 | 0 | 2 | 5 | 24 | 18 | 9 | 1 | 0 | 0 | 0 | 0 | 0 | 59 | 39 | 35 |
| 22:00 | 0 | 0 | 2 | 2 | 13 | 12 | 7 | 2 | 0 | 0 | 0 | 0 | 0 | 38 | 41 | 35 |
| 23:00 | 0 | 0 | 0 | 0 | 2 | 8 | 2 | 3 | 1 | 1 | 0 | 0 | 0 | 17 | 48 | 41 |
| Total | 0 | 3 | 67 | 288 | 1011 | 1484 | 549 | 98 | 7 | 2 | 1 | 0 | 0 | 3510 | | |
| % | 0.0% | 0.1% | 1.9% | 8.2% | 28.8% | 42.3% | 15.6% | 2.8% | 0.2% | 0.1% | 0.0% | 0.0% | 0.0% | | | |
| AM Peak | | 07:00 | 07:00 | 07:00 | 08:00 | 07:00 | 07:00 | 09:00 | 05:00 | 09:00 | 06:00 | | | 07:00 | | |
| Vol. | | 2 | 8 | 29 | 90 | 160 | 56 | 14 | 1 | 1 | 1 | | | 344 | | |
| PM Peak | | 19:00 | 17:00 | 16:00 | 17:00 | 17:00 | 14:00 | 12:00 | 14:00 | 23:00 | | | | 17:00 | | |
| Vol. | | 1 | 11 | 41 | 121 | 134 | 37 | 7 | 1 | 1 | | | | 343 | | |

Stats
15th Percentile : 29 MPH
50th Percentile : 35 MPH
85th Percentile : 40 MPH
95th Percentile : 43 MPH

Mean Speed(Average) : 36 MPH
10 MPH Pace Speed : 31-40 MPH
Number in Pace : 2335
Percent in Pace : 66.5%
Number of Vehicles > 30 MPH : 2977
Percent of Vehicles > 30 MPH : 84.8%

Main Street (Route 30)
 west of Common Street
 City, State: Southborough, MA
 Client: VHB/ G. Russell



PRECISION
 D A T A
 INDUSTRIES, LLC
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 Office: 508.481.3999 Fax: 508.545.1234
 Email: datarequests@pdillc.com

143831 B Volume
 Site Code: 12389.04

| Start Time | WB | | EB | | Combin ed | | 07-May-14 Wed | | | | | | | |
|------------|-------|-------|-------|-------|-----------|------|---------------|----|-------|-----|-------|-----|---|---|
| | A.M. | P.M. | A.M. | P.M. | A.M. | P.M. | | | | | | | | |
| 12:00 | 4 | 54 | 2 | 60 | 6 | 114 | | | | | | | | |
| 12:15 | 2 | 40 | 1 | 58 | 3 | 98 | | | | | | | | |
| 12:30 | 2 | 40 | 1 | 57 | 3 | 97 | | | | | | | | |
| 12:45 | 3 | 57 | 0 | 53 | 3 | 110 | 419 | | | | | | | |
| 01:00 | 0 | 49 | 0 | 53 | 0 | 102 | | | | | | | | |
| 01:15 | 2 | 47 | 0 | 39 | 2 | 86 | | | | | | | | |
| 01:30 | 0 | 33 | 1 | 46 | 1 | 79 | | | | | | | | |
| 01:45 | 0 | 50 | 0 | 58 | 0 | 108 | 375 | | | | | | | |
| 02:00 | 0 | 51 | 0 | 61 | 0 | 112 | | | | | | | | |
| 02:15 | 0 | 60 | 0 | 56 | 0 | 116 | | | | | | | | |
| 02:30 | 0 | 63 | 0 | 117 | 0 | 180 | | | | | | | | |
| 02:45 | 1 | 65 | 1 | 100 | 2 | 165 | 573 | | | | | | | |
| 03:00 | 0 | 94 | 0 | 95 | 0 | 189 | | | | | | | | |
| 03:15 | 0 | 102 | 0 | 66 | 0 | 168 | | | | | | | | |
| 03:30 | 0 | 85 | 0 | 85 | 0 | 170 | | | | | | | | |
| 03:45 | 0 | 89 | 3 | 80 | 3 | 169 | 696 | | | | | | | |
| 04:00 | 0 | 114 | 1 | 86 | 1 | 200 | | | | | | | | |
| 04:15 | 0 | 134 | 5 | 73 | 5 | 207 | | | | | | | | |
| 04:30 | 0 | 130 | 3 | 110 | 3 | 240 | | | | | | | | |
| 04:45 | 5 | 139 | 6 | 110 | 11 | 249 | 896 | | | | | | | |
| 05:00 | 5 | 139 | 7 | 106 | 12 | 245 | | | | | | | | |
| 05:15 | 2 | 194 | 6 | 97 | 8 | 291 | | | | | | | | |
| 05:30 | 6 | 170 | 14 | 99 | 20 | 269 | | | | | | | | |
| 05:45 | 10 | 164 | 22 | 91 | 32 | 255 | 1060 | | | | | | | |
| 06:00 | 6 | 161 | 36 | 87 | 42 | 248 | | | | | | | | |
| 06:15 | 10 | 95 | 40 | 78 | 50 | 173 | | | | | | | | |
| 06:30 | 16 | 61 | 65 | 70 | 81 | 131 | | | | | | | | |
| 06:45 | 50 | 63 | 102 | 50 | 152 | 113 | 665 | | | | | | | |
| 07:00 | 54 | 44 | 124 | 62 | 178 | 106 | | | | | | | | |
| 07:15 | 58 | 53 | 155 | 53 | 213 | 106 | | | | | | | | |
| 07:30 | 87 | 63 | 166 | 38 | 253 | 101 | | | | | | | | |
| 07:45 | 90 | 39 | 135 | 580 | 37 | 225 | 869 | 76 | 389 | | | | | |
| 08:00 | 45 | 23 | 147 | 34 | 192 | 57 | | | | | | | | |
| 08:15 | 50 | 37 | 136 | 22 | 186 | 59 | | | | | | | | |
| 08:30 | 62 | 36 | 149 | 25 | 211 | 61 | | | | | | | | |
| 08:45 | 57 | 214 | 23 | 119 | 139 | 571 | 18 | 99 | 196 | 785 | 41 | 218 | | |
| 09:00 | 53 | 13 | 88 | 17 | 141 | 30 | | | | | | | | |
| 09:15 | 50 | 23 | 61 | 12 | 111 | 35 | | | | | | | | |
| 09:30 | 45 | 21 | 69 | 9 | 114 | 30 | | | | | | | | |
| 09:45 | 48 | 196 | 19 | 76 | 53 | 271 | 14 | 52 | 101 | 467 | 33 | 128 | | |
| 10:00 | 37 | 12 | 67 | 8 | 104 | 20 | | | | | | | | |
| 10:15 | 34 | 12 | 61 | 12 | 95 | 24 | | | | | | | | |
| 10:30 | 44 | 13 | 52 | 6 | 96 | 19 | | | | | | | | |
| 10:45 | 33 | 148 | 10 | 47 | 47 | 227 | 4 | 30 | 80 | 375 | 14 | 77 | | |
| 11:00 | 30 | 2 | 42 | 3 | 72 | 5 | | | | | | | | |
| 11:15 | 50 | 4 | 46 | 1 | 96 | 5 | | | | | | | | |
| 11:30 | 37 | 4 | 39 | 3 | 76 | 7 | | | | | | | | |
| 11:45 | 47 | 164 | 2 | 12 | 48 | 175 | 3 | 10 | 95 | 339 | 5 | 22 | | |
| Total | 1135 | 2996 | 2140 | 2522 | 3275 | 5518 | | | | | | | | |
| Percent | 34.7% | 54.3% | 65.3% | 45.7% | | | | | | | | | | |
| Day Total | | 4131 | | 4662 | | 8793 | | | | | | | | |
| Peak Vol. | 07:00 | - | 05:15 | - | 07:15 | - | 04:30 | - | 07:15 | - | 05:15 | - | - | - |
| P.H.F. | 0.803 | - | 0.888 | - | 0.908 | - | 0.961 | - | 0.873 | - | 0.913 | - | - | - |

Main Street (Route 30)
 west of Common Street
 City, State: Southborough, MA
 Client: VHB/ G. Russell



PRECISION
 D A T A
 INDUSTRIES, LLC
 P.O. Box 301 Berlin, MA 01503
 Office: 508.481.3999 Fax: 508.545.1234
 Email: datarequests@pdillc.com

143831 B Volume
 Site Code: 12389.04

| Start Time | WB | | EB | | Combin ed | | 08-May-14 Thu | | | | | | | |
|------------|-------|-------|-------|-------|-----------|------|---------------|---|-------|---|-------|---|---|---|
| | A.M. | P.M. | A.M. | P.M. | A.M. | P.M. | | | | | | | | |
| 12:00 | 1 | 46 | 1 | 51 | 2 | 97 | | | | | | | | |
| 12:15 | 4 | 46 | 0 | 56 | 4 | 102 | | | | | | | | |
| 12:30 | 3 | 42 | 1 | 58 | 4 | 100 | | | | | | | | |
| 12:45 | 0 | 51 | 185 | 2 | 4 | 41 | 206 | | | | | | | |
| 01:00 | 2 | 35 | 3 | 48 | 5 | 83 | | | | | | | | |
| 01:15 | 0 | 43 | 2 | 48 | 2 | 91 | | | | | | | | |
| 01:30 | 0 | 52 | 2 | 46 | 2 | 98 | | | | | | | | |
| 01:45 | 3 | 38 | 168 | 0 | 7 | 45 | 187 | | | | | | | |
| 02:00 | 1 | 51 | 0 | 57 | 1 | 108 | | | | | | | | |
| 02:15 | 0 | 67 | 0 | 61 | 0 | 128 | | | | | | | | |
| 02:30 | 1 | 57 | 0 | 113 | 1 | 170 | | | | | | | | |
| 02:45 | 0 | 64 | 239 | 0 | 0 | 84 | 315 | | | | | | | |
| 03:00 | 0 | 87 | 1 | 90 | 1 | 177 | | | | | | | | |
| 03:15 | 1 | 76 | 1 | 59 | 2 | 135 | | | | | | | | |
| 03:30 | 0 | 71 | 0 | 69 | 0 | 140 | | | | | | | | |
| 03:45 | 0 | 105 | 339 | 1 | 3 | 78 | 296 | | | | | | | |
| 04:00 | 0 | 98 | 1 | 65 | 1 | 163 | | | | | | | | |
| 04:15 | 0 | 103 | 3 | 91 | 3 | 194 | | | | | | | | |
| 04:30 | 0 | 129 | 3 | 102 | 3 | 231 | | | | | | | | |
| 04:45 | 3 | 118 | 448 | 5 | 12 | 103 | 361 | | | | | | | |
| 05:00 | 4 | 144 | 6 | 127 | 10 | 271 | | | | | | | | |
| 05:15 | 6 | 150 | 5 | 129 | 11 | 279 | | | | | | | | |
| 05:30 | 5 | 120 | 20 | 113 | 25 | 233 | | | | | | | | |
| 05:45 | 9 | 155 | 569 | 29 | 60 | 95 | 464 | | | | | | | |
| 06:00 | 6 | 87 | 37 | 70 | 43 | 157 | | | | | | | | |
| 06:15 | 9 | 92 | 39 | 73 | 48 | 165 | | | | | | | | |
| 06:30 | 26 | 79 | 46 | 49 | 72 | 128 | | | | | | | | |
| 06:45 | 50 | 62 | 320 | 106 | 228 | 37 | 229 | | | | | | | |
| 07:00 | 48 | 73 | 123 | 45 | 171 | 118 | | | | | | | | |
| 07:15 | 56 | 56 | 132 | 45 | 188 | 101 | | | | | | | | |
| 07:30 | 87 | 44 | 155 | 36 | 242 | 80 | | | | | | | | |
| 07:45 | 92 | 44 | 217 | 134 | 544 | 49 | 175 | | | | | | | |
| 08:00 | 35 | 55 | 140 | 45 | 175 | 100 | | | | | | | | |
| 08:15 | 51 | 31 | 134 | 35 | 185 | 66 | | | | | | | | |
| 08:30 | 54 | 25 | 141 | 31 | 195 | 56 | | | | | | | | |
| 08:45 | 68 | 22 | 133 | 117 | 532 | 12 | 123 | | | | | | | |
| 09:00 | 51 | 25 | 95 | 17 | 146 | 42 | | | | | | | | |
| 09:15 | 37 | 17 | 75 | 17 | 112 | 34 | | | | | | | | |
| 09:30 | 51 | 13 | 73 | 12 | 124 | 25 | | | | | | | | |
| 09:45 | 49 | 12 | 67 | 56 | 299 | 15 | 61 | | | | | | | |
| 10:00 | 43 | 16 | 49 | 9 | 92 | 25 | | | | | | | | |
| 10:15 | 29 | 16 | 34 | 5 | 63 | 21 | | | | | | | | |
| 10:30 | 32 | 10 | 37 | 9 | 69 | 19 | | | | | | | | |
| 10:45 | 31 | 7 | 49 | 44 | 164 | 7 | 30 | | | | | | | |
| 11:00 | 30 | 5 | 44 | 3 | 74 | 8 | | | | | | | | |
| 11:15 | 47 | 7 | 61 | 2 | 108 | 9 | | | | | | | | |
| 11:30 | 52 | 3 | 44 | 3 | 96 | 6 | | | | | | | | |
| 11:45 | 47 | 3 | 18 | 60 | 209 | 3 | 11 | | | | | | | |
| Total | 1124 | 2752 | 2062 | 2458 | 3186 | 5210 | | | | | | | | |
| Percent | 35.3% | 52.8% | 64.7% | 47.2% | | | | | | | | | | |
| Day Total | | 3876 | | 4520 | | 8396 | | | | | | | | |
| Peak Vol. | 07:00 | - | 05:00 | - | 07:30 | - | 04:45 | - | 07:15 | - | 05:00 | - | - | - |
| P.H.F. | 283 | - | 569 | - | 563 | - | 472 | - | 831 | - | 1033 | - | - | - |
| | 0.769 | | 0.918 | | 0.908 | | 0.915 | | 0.858 | | 0.926 | | | |

Main Street (Route 30)
 west of Common Street
 City, State: Southborough, MA
 Client: VHB/ G. Russell



PRECISION
 D A T A
 INDUSTRIES, LLC

P.O. Box 301 Berlin, MA 01503
 Office: 508.481.3999 Fax: 508.545.1234
 Email: datarequests@pdillc.com

143831 B Class
 Site Code: 12389.04

WB

| Start Time | Bikes | Cars & Trailers | 2 Axle Long | Buses | 2 Axle 6 Tire | 3 Axle Single | 4 Axle Single | <5 Axl Double | 5 Axle Double | >6 Axl Double | <6 Axl Multi | 6 Axle Multi | >6 Axl Multi | Total |
|------------|-------|-----------------|-------------|-------|---------------|---------------|---------------|---------------|---------------|---------------|--------------|--------------|--------------|-------|
| 05/07/1 | | | | | | | | | | | | | | |
| 4 | 0 | 8 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 |
| 01:00 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| 02:00 | 0 | 1 | 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 |
| 04:00 | 0 | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 05:00 | 1 | 16 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 23 |
| 06:00 | 1 | 64 | 14 | 1 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 82 |
| 07:00 | 4 | 233 | 39 | 0 | 10 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 289 |
| 08:00 | 9 | 172 | 20 | 3 | 4 | 2 | 1 | 2 | 1 | 0 | 0 | 0 | 0 | 214 |
| 09:00 | 2 | 147 | 38 | 0 | 7 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 196 |
| 10:00 | 2 | 107 | 29 | 0 | 9 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 148 |
| 11:00 | 2 | 122 | 32 | 1 | 4 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 164 |
| 12 PM | 1 | 150 | 31 | 0 | 7 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 191 |
| 13:00 | 3 | 147 | 21 | 0 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 179 |
| 14:00 | 6 | 183 | 39 | 4 | 6 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 239 |
| 15:00 | 1 | 289 | 60 | 5 | 12 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 370 |
| 16:00 | 5 | 435 | 64 | 2 | 7 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 517 |
| 17:00 | 6 | 564 | 82 | 0 | 10 | 2 | 0 | 2 | 0 | 1 | 0 | 0 | 0 | 667 |
| 18:00 | 11 | 324 | 39 | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 380 |
| 19:00 | 6 | 159 | 29 | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 199 |
| 20:00 | 0 | 104 | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 119 |
| 21:00 | 0 | 71 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 76 |
| 22:00 | 0 | 42 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 47 |
| 23:00 | 0 | 10 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 |
| Total | 60 | 3353 | 574 | 17 | 96 | 11 | 3 | 14 | 2 | 1 | 0 | 0 | 0 | 4131 |
| Percent | 1.5% | 81.2% | 13.9% | 0.4% | 2.3% | 0.3% | 0.1% | 0.3% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | |
| AM Peak | 08:00 | 07:00 | 07:00 | 08:00 | 07:00 | 07:00 | 08:00 | 08:00 | 06:00 | | | | | 07:00 |
| Vol. | 9 | 233 | 39 | 3 | 10 | 2 | 1 | 2 | 1 | | | | | 289 |
| PM Peak | 18:00 | 17:00 | 17:00 | 15:00 | 15:00 | 12:00 | | 16:00 | | 17:00 | | | | 17:00 |
| Vol. | 11 | 564 | 82 | 5 | 12 | 2 | | 4 | | 1 | | | | 667 |

Main Street (Route 30)
 west of Common Street
 City, State: Southborough, MA
 Client: VHB/ G. Russell



PRECISION
 D A T A
 INDUSTRIES, LLC

P.O. Box 301 Berlin, MA 01503
 Office: 508.481.3999 Fax: 508.545.1234
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143831 B Class
 Site Code: 12389.04

WB

| Start Time | Bikes | Cars & Trailers | 2 Axle Long | Buses | 2 Axle 6 Tire | 3 Axle Single | 4 Axle Single | <5 Axl Double | 5 Axle Double | >6 Axl Double | <6 Axl Multi | 6 Axle Multi | >6 Axl Multi | Total |
|------------|-------|-----------------|-------------|-------|---------------|---------------|---------------|---------------|---------------|---------------|--------------|--------------|--------------|-------|
| 05/08/1 | | | | | | | | | | | | | | |
| 4 | 0 | 4 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 |
| 01:00 | 0 | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 02:00 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| 03:00 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 04:00 | 0 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| 05:00 | 0 | 19 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 24 |
| 06:00 | 4 | 61 | 20 | 1 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 91 |
| 07:00 | 3 | 226 | 47 | 1 | 4 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 283 |
| 08:00 | 3 | 153 | 37 | 2 | 10 | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 208 |
| 09:00 | 0 | 146 | 30 | 0 | 10 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 188 |
| 10:00 | 2 | 97 | 27 | 1 | 6 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 135 |
| 11:00 | 4 | 131 | 30 | 0 | 9 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 176 |
| 12 PM | 7 | 140 | 31 | 0 | 5 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 185 |
| 13:00 | 0 | 128 | 31 | 1 | 6 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 168 |
| 14:00 | 1 | 189 | 35 | 3 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 239 |
| 15:00 | 2 | 265 | 55 | 5 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 339 |
| 16:00 | 5 | 372 | 63 | 3 | 3 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 448 |
| 17:00 | 2 | 485 | 69 | 0 | 9 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 569 |
| 18:00 | 6 | 271 | 41 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 320 |
| 19:00 | 2 | 183 | 26 | 1 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 217 |
| 20:00 | 0 | 119 | 9 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 133 |
| 21:00 | 0 | 59 | 7 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 67 |
| 22:00 | 0 | 43 | 3 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 49 |
| 23:00 | 1 | 16 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 |
| Total | 42 | 3114 | 574 | 19 | 105 | 9 | 1 | 10 | 2 | 0 | 0 | 0 | 0 | 3876 |
| Percent | 1.1% | 80.3% | 14.8% | 0.5% | 2.7% | 0.2% | 0.0% | 0.3% | 0.1% | 0.0% | 0.0% | 0.0% | 0.0% | |
| AM Peak | 06:00 | 07:00 | 07:00 | 08:00 | 08:00 | 11:00 | 09:00 | 07:00 | 08:00 | | | | | 07:00 |
| Vol. | 4 | 226 | 47 | 2 | 10 | 2 | 1 | 2 | 1 | | | | | 283 |
| PM Peak | 12:00 | 17:00 | 17:00 | 15:00 | 15:00 | 12:00 | | 17:00 | | | | | | 17:00 |
| Vol. | 7 | 485 | 69 | 5 | 12 | 2 | | 4 | | | | | | 569 |

Main Street (Route 30)
 west of Common Street
 City, State: Southborough, MA
 Client: VHB/ G. Russell



PRECISION
 D A T A
 INDUSTRIES, LLC

P.O. Box 301 Berlin, MA 01503
 Office: 508.481.3999 Fax: 508.545.1234
 Email: datarequests@pdillc.com

143831 B Class
 Site Code: 12389.04

EB

| Start Time | Bikes | Cars & Trailers | 2 Axle Long | Buses | 2 Axle 6 Tire | 3 Axle Single | 4 Axle Single | <5 Axl Double | 5 Axle Double | >6 Axl Double | <6 Axl Multi | 6 Axle Multi | >6 Axl Multi | Total |
|------------|-------|-----------------|-------------|-------|---------------|---------------|---------------|---------------|---------------|---------------|--------------|--------------|--------------|-------|
| 05/07/1 | | | | | | | | | | | | | | |
| 4 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |
| 01:00 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 02:00 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 03:00 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| 04:00 | 0 | 12 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 |
| 05:00 | 1 | 36 | 11 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 49 |
| 06:00 | 0 | 194 | 38 | 1 | 9 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 243 |
| 07:00 | 7 | 446 | 98 | 2 | 19 | 3 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 580 |
| 08:00 | 10 | 460 | 75 | 4 | 10 | 2 | 2 | 8 | 0 | 0 | 0 | 0 | 0 | 571 |
| 09:00 | 2 | 200 | 53 | 2 | 9 | 3 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 271 |
| 10:00 | 1 | 155 | 60 | 0 | 10 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 227 |
| 11:00 | 2 | 122 | 41 | 1 | 8 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 175 |
| 12 PM | 5 | 161 | 51 | 1 | 6 | 2 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 228 |
| 13:00 | 2 | 148 | 32 | 0 | 12 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 196 |
| 14:00 | 3 | 241 | 66 | 4 | 19 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 334 |
| 15:00 | 2 | 259 | 55 | 2 | 6 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 326 |
| 16:00 | 6 | 288 | 75 | 5 | 2 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 379 |
| 17:00 | 3 | 328 | 51 | 1 | 8 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 393 |
| 18:00 | 5 | 221 | 52 | 0 | 5 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 285 |
| 19:00 | 1 | 159 | 25 | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 190 |
| 20:00 | 1 | 82 | 15 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 99 |
| 21:00 | 0 | 45 | 6 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 52 |
| 22:00 | 0 | 26 | 2 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 30 |
| 23:00 | 1 | 5 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 |
| Total | 52 | 3597 | 813 | 24 | 131 | 14 | 2 | 25 | 4 | 0 | 0 | 0 | 0 | 4662 |
| Percent | 1.1% | 77.2% | 17.4% | 0.5% | 2.8% | 0.3% | 0.0% | 0.5% | 0.1% | 0.0% | 0.0% | 0.0% | 0.0% | |
| AM Peak | 08:00 | 08:00 | 07:00 | 08:00 | 07:00 | 07:00 | 08:00 | 08:00 | 10:00 | | | | | 07:00 |
| Vol. | 10 | 460 | 98 | 4 | 19 | 3 | 2 | 8 | 1 | | | | | 580 |
| PM Peak | 16:00 | 17:00 | 16:00 | 16:00 | 14:00 | 12:00 | | 16:00 | 12:00 | | | | | 17:00 |
| Vol. | 6 | 328 | 75 | 5 | 19 | 2 | | 3 | 1 | | | | | 393 |

Main Street (Route 30)
 west of Common Street
 City, State: Southborough, MA
 Client: VHB/ G. Russell



PRECISION
 D A T A
 INDUSTRIES, LLC

P.O. Box 301 Berlin, MA 01503
 Office: 508.481.3999 Fax: 508.545.1234
 Email: datarequests@pdillc.com

143831 B Class
 Site Code: 12389.04

EB

| Start Time | Bikes | Cars & Trailers | 2 Axle Long | Buses | 2 Axle 6 Tire | 3 Axle Single | 4 Axle Single | <5 Axl Double | 5 Axle Double | >6 Axl Double | <6 Axl Multi | 6 Axle Multi | >6 Axl Multi | Total |
|------------|-------|-----------------|-------------|-------|---------------|---------------|---------------|---------------|---------------|---------------|--------------|--------------|--------------|-------|
| 05/08/1 | | | | | | | | | | | | | | |
| 4 | 0 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |
| 01:00 | 0 | 6 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 |
| 02:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 03:00 | 0 | 2 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| 04:00 | 0 | 10 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 |
| 05:00 | 0 | 46 | 11 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 60 |
| 06:00 | 1 | 179 | 37 | 1 | 9 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 228 |
| 07:00 | 11 | 424 | 88 | 1 | 14 | 2 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 544 |
| 08:00 | 2 | 429 | 87 | 2 | 9 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 532 |
| 09:00 | 4 | 229 | 47 | 2 | 12 | 2 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 299 |
| 10:00 | 1 | 113 | 43 | 0 | 6 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 164 |
| 11:00 | 0 | 146 | 47 | 4 | 11 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 209 |
| 12 PM | 1 | 154 | 46 | 1 | 3 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 206 |
| 13:00 | 1 | 145 | 32 | 0 | 5 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 187 |
| 14:00 | 1 | 228 | 63 | 4 | 18 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 315 |
| 15:00 | 1 | 221 | 60 | 2 | 9 | 1 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 296 |
| 16:00 | 7 | 267 | 71 | 2 | 11 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 361 |
| 17:00 | 10 | 369 | 72 | 0 | 6 | 0 | 0 | 7 | 0 | 0 | 0 | 0 | 0 | 464 |
| 18:00 | 1 | 190 | 32 | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 229 |
| 19:00 | 1 | 136 | 34 | 0 | 2 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 175 |
| 20:00 | 1 | 100 | 20 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 123 |
| 21:00 | 0 | 51 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 61 |
| 22:00 | 0 | 29 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 |
| 23:00 | 0 | 9 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 |
| Total | 43 | 3486 | 805 | 19 | 129 | 5 | 0 | 31 | 2 | 0 | 0 | 0 | 0 | 4520 |
| Percent | 1.0% | 77.1% | 17.8% | 0.4% | 2.9% | 0.1% | 0.0% | 0.7% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | |
| AM Peak | 07:00 | 08:00 | 07:00 | 11:00 | 07:00 | 07:00 | | 07:00 | 06:00 | | | | | 07:00 |
| Vol. | 11 | 429 | 88 | 4 | 14 | 2 | | 4 | 1 | | | | | 544 |
| PM Peak | 17:00 | 17:00 | 17:00 | 14:00 | 14:00 | 15:00 | | 17:00 | | | | | | 17:00 |
| Vol. | 10 | 369 | 72 | 4 | 18 | 1 | | 7 | | | | | | 464 |

Main Street (Route 30)
 west of Common Street
 City, State: Southborough, MA
 Client: VHB/ G. Russell



PRECISION
 D A T A
 INDUSTRIES, LLC

P.O.Box 301 Berlin, MA 01503
 Office: 508.481.3999 Fax: 508.545.1234
 Email: datarequests@pdillc.com

143831 B Speed
 Site Code: 12389.04

WB

| Start Time | 1 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | Total | 85th % ile | Ave Speed |
|------------|----------|-----------|-----------|------------|------------|-----------|----------|-------|----------|------|------|------|------|------------|------------|-----------|
| 05/07/ | | | | | | | | | | | | | | | | |
| 14 | 0 | 0 | 0 | 2 | 7 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 35 | 32 |
| 01:00 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 42 | 32 |
| 02:00 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 28 | 27 |
| 03:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * | * |
| 04:00 | 0 | 0 | 1 | 1 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 40 | 31 |
| 05:00 | 0 | 1 | 3 | 5 | 11 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 23 | 34 | 29 |
| 06:00 | 0 | 1 | 6 | 35 | 29 | 8 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 82 | 34 | 30 |
| 07:00 | 6 | 28 | 98 | 101 | 45 | 10 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 289 | 30 | 24 |
| 08:00 | 8 | 11 | 78 | 58 | 54 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 214 | 31 | 25 |
| 09:00 | 1 | 3 | 18 | 66 | 86 | 19 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 196 | 34 | 29 |
| 10:00 | 1 | 2 | 16 | 54 | 58 | 15 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 148 | 33 | 29 |
| 11:00 | 1 | 4 | 25 | 54 | 58 | 20 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 164 | 34 | 29 |
| 12 PM | 0 | 13 | 21 | 63 | 70 | 23 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 191 | 34 | 28 |
| 13:00 | 0 | 3 | 23 | 64 | 68 | 20 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 179 | 33 | 29 |
| 14:00 | 2 | 14 | 50 | 102 | 58 | 12 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 239 | 31 | 26 |
| 15:00 | 6 | 19 | 82 | 154 | 92 | 16 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 370 | 31 | 26 |
| 16:00 | 7 | 19 | 77 | 231 | 153 | 28 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 517 | 32 | 27 |
| 17:00 | 8 | 21 | 82 | 224 | 262 | 65 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 667 | 33 | 28 |
| 18:00 | 3 | 6 | 33 | 154 | 147 | 35 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 380 | 33 | 29 |
| 19:00 | 3 | 4 | 29 | 71 | 73 | 15 | 3 | 0 | 1 | 0 | 0 | 0 | 0 | 199 | 33 | 28 |
| 20:00 | 0 | 1 | 15 | 41 | 41 | 19 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 119 | 35 | 30 |
| 21:00 | 0 | 2 | 18 | 28 | 26 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 76 | 32 | 27 |
| 22:00 | 0 | 0 | 4 | 20 | 18 | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 47 | 33 | 30 |
| 23:00 | 0 | 0 | 1 | 1 | 7 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 35 | 32 |
| Total | 46 | 152 | 681 | 1530 | 1365 | 321 | 32 | 3 | 1 | 0 | 0 | 0 | 0 | 4131 | | |
| % | 1.1% | 3.7% | 16.5% | 37.0% | 33.0% | 7.8% | 0.8% | 0.1% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | | | |
| AM Peak | 08:00 | 07:00 | 07:00 | 07:00 | 09:00 | 11:00 | 09:00 | 06:00 | | | | | | 07:00 | | |
| Vol. | 8 | 28 | 98 | 101 | 86 | 20 | 3 | 1 | | | | | | 289 | | |
| PM Peak | 17:00 | 17:00 | 15:00 | 16:00 | 17:00 | 17:00 | 17:00 | | 19:00 | | | | | 17:00 | | |
| Vol. | 8 | 21 | 82 | 231 | 262 | 65 | 5 | | 1 | | | | | 667 | | |

Stats
 15th Percentile : 21 MPH
 50th Percentile : 27 MPH
 85th Percentile : 33 MPH
 95th Percentile : 36 MPH

Mean Speed(Average) : 28 MPH
 10 MPH Pace Speed : 24-33 MPH
 Number in Pace : 2614
 Percent in Pace : 63.3%
 Number of Vehicles > 30 MPH : 1305
 Percent of Vehicles > 30 MPH : 31.6%

Main Street (Route 30)
 west of Common Street
 City, State: Southborough, MA
 Client: VHB/ G. Russell



PRECISION
 D A T A
 INDUSTRIES, LLC

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 Email: datarequests@pdillc.com

143831 B Speed
 Site Code: 12389.04

WB

| Start Time | 14 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | Total | 85th % ile | Ave Speed |
|------------|-----------|-----------|------------|------------|------------|-----------|----------|----------|------|------|------|------|------|------------|------------|-----------|
| 05/08/ | | | | | | | | | | | | | | | | |
| 14 | 0 | 0 | 0 | 2 | 5 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 34 | 31 |
| 01:00 | 0 | 0 | 1 | 2 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 37 | 30 |
| 02:00 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 32 | 27 |
| 03:00 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 38 | 37 |
| 04:00 | 0 | 0 | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 36 | 30 |
| 05:00 | 0 | 0 | 3 | 5 | 13 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 24 | 34 | 31 |
| 06:00 | 1 | 1 | 12 | 33 | 27 | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 91 | 35 | 29 |
| 07:00 | 5 | 23 | 104 | 95 | 48 | 6 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 283 | 30 | 24 |
| 08:00 | 2 | 11 | 48 | 61 | 74 | 11 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 208 | 32 | 27 |
| 09:00 | 1 | 8 | 24 | 58 | 74 | 19 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 188 | 34 | 29 |
| 10:00 | 0 | 9 | 24 | 48 | 38 | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 135 | 33 | 28 |
| 11:00 | 3 | 10 | 30 | 61 | 59 | 12 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 176 | 32 | 27 |
| 12 PM | 3 | 7 | 32 | 54 | 68 | 18 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 185 | 33 | 28 |
| 13:00 | 1 | 6 | 18 | 55 | 72 | 15 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 168 | 33 | 29 |
| 14:00 | 6 | 8 | 71 | 84 | 50 | 19 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 239 | 32 | 26 |
| 15:00 | 4 | 13 | 75 | 141 | 84 | 20 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 339 | 32 | 27 |
| 16:00 | 7 | 18 | 69 | 212 | 122 | 19 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 448 | 31 | 27 |
| 17:00 | 13 | 4 | 62 | 249 | 192 | 43 | 5 | 1 | 0 | 0 | 0 | 0 | 0 | 569 | 33 | 28 |
| 18:00 | 0 | 4 | 22 | 113 | 138 | 40 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 320 | 34 | 30 |
| 19:00 | 2 | 5 | 21 | 57 | 101 | 28 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 217 | 34 | 30 |
| 20:00 | 1 | 1 | 10 | 44 | 63 | 11 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 133 | 34 | 30 |
| 21:00 | 0 | 0 | 3 | 20 | 29 | 14 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 67 | 35 | 31 |
| 22:00 | 0 | 1 | 8 | 16 | 17 | 5 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 49 | 34 | 29 |
| 23:00 | 1 | 1 | 2 | 4 | 7 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 18 | 35 | 28 |
| Total | 50 | 130 | 641 | 1414 | 1283 | 320 | 35 | 3 | 0 | 0 | 0 | 0 | 0 | 3876 | | |
| % | 1.3% | 3.4% | 16.5% | 36.5% | 33.1% | 8.3% | 0.9% | 0.1% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | | | |
| AM Peak | 07:00 | 07:00 | 07:00 | 07:00 | 08:00 | 09:00 | 09:00 | 11:00 | | | | | | | 07:00 | |
| Vol. | 5 | 23 | 104 | 95 | 74 | 19 | 4 | 1 | | | | | | 283 | | |
| PM Peak | 17:00 | 16:00 | 15:00 | 17:00 | 17:00 | 17:00 | 17:00 | 17:00 | | | | | | | 17:00 | |
| Vol. | 13 | 18 | 75 | 249 | 192 | 43 | 5 | 1 | | | | | | 569 | | |

Stats

15th Percentile : 21 MPH
 50th Percentile : 27 MPH
 85th Percentile : 33 MPH
 95th Percentile : 36 MPH

Mean Speed(Average) : 28 MPH
 10 MPH Pace Speed : 24-33 MPH
 Number in Pace : 2436
 Percent in Pace : 62.8%
 Number of Vehicles > 30 MPH : 1251
 Percent of Vehicles > 30 MPH : 32.3%

Main Street (Route 30)
 west of Common Street
 City, State: Southborough, MA
 Client: VHB/ G. Russell



PRECISION
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143831 B Speed
 Site Code: 12389.04

EB

| Start Time | 1 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | Total | 85th % ile | Ave Speed |
|------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|-------|------------|-----------|
| | 14 | 19 | 24 | 29 | 34 | 39 | 44 | 49 | 54 | 59 | 64 | 69 | 9999 | | | |
| 05/07/ | | | | | | | | | | | | | | | | |
| 14 | 0 | 0 | 0 | 1 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 37 | 33 |
| 01:00 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 23 | 22 |
| 02:00 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 38 | 37 |
| 03:00 | 0 | 0 | 0 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 31 | 29 |
| 04:00 | 1 | 0 | 0 | 3 | 6 | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 37 | 30 |
| 05:00 | 0 | 0 | 1 | 17 | 21 | 7 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 49 | 35 | 31 |
| 06:00 | 0 | 2 | 24 | 130 | 70 | 16 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 243 | 32 | 29 |
| 07:00 | 111 | 66 | 171 | 187 | 40 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 580 | 27 | 19 |
| 08:00 | 343 | 61 | 144 | 21 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 571 | 20 | 12 |
| 09:00 | 1 | 8 | 37 | 107 | 99 | 16 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 271 | 33 | 28 |
| 10:00 | 0 | 4 | 37 | 103 | 70 | 11 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 227 | 32 | 28 |
| 11:00 | 1 | 5 | 21 | 82 | 51 | 12 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 175 | 33 | 28 |
| 12 PM | 0 | 2 | 20 | 98 | 85 | 21 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 228 | 33 | 29 |
| 13:00 | 1 | 2 | 29 | 91 | 57 | 15 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 196 | 32 | 28 |
| 14:00 | 2 | 19 | 104 | 140 | 60 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 334 | 30 | 25 |
| 15:00 | 3 | 31 | 104 | 126 | 52 | 8 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 326 | 30 | 25 |
| 16:00 | 3 | 30 | 101 | 167 | 71 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 379 | 30 | 25 |
| 17:00 | 8 | 21 | 48 | 183 | 122 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 393 | 31 | 27 |
| 18:00 | 7 | 11 | 42 | 134 | 76 | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 285 | 32 | 27 |
| 19:00 | 3 | 6 | 43 | 87 | 45 | 5 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 190 | 31 | 26 |
| 20:00 | 1 | 1 | 14 | 43 | 35 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 99 | 32 | 28 |
| 21:00 | 1 | 0 | 6 | 33 | 10 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 52 | 31 | 27 |
| 22:00 | 1 | 0 | 8 | 10 | 9 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 32 | 27 |
| 23:00 | 0 | 0 | 0 | 4 | 4 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 35 | 31 |
| Total | 487 | 269 | 955 | 1769 | 987 | 175 | 18 | 1 | 1 | 0 | 0 | 0 | 0 | 4662 | | |
| % | 10.4% | 5.8% | 20.5% | 37.9% | 21.2% | 3.8% | 0.4% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | | | |
| AM Peak | 08:00 | 07:00 | 07:00 | 07:00 | 09:00 | 06:00 | 05:00 | 09:00 | | | | | | 07:00 | | |
| Vol. | 343 | 66 | 171 | 187 | 99 | 16 | 3 | 1 | | | | | | 580 | | |
| PM Peak | 17:00 | 15:00 | 14:00 | 17:00 | 17:00 | 12:00 | 12:00 | | 13:00 | | | | | 17:00 | | |
| Vol. | 8 | 31 | 104 | 183 | 122 | 21 | 2 | | 1 | | | | | 393 | | |

Stats
 15th Percentile : 11 MPH
 50th Percentile : 24 MPH
 85th Percentile : 31 MPH
 95th Percentile : 34 MPH

Mean Speed(Average) : 23 MPH
 10 MPH Pace Speed : 23-32 MPH
 Number in Pace : 2489
 Percent in Pace : 53.4%
 Number of Vehicles > 30 MPH : 851
 Percent of Vehicles > 30 MPH : 18.3%

Main Street (Route 30)
 west of Common Street
 City, State: Southborough, MA
 Client: VHB/ G. Russell



PRECISION
 D A T A
 INDUSTRIES, LLC
 P.O. Box 301 Berlin, MA 01503
 Office: 508.481.3999 Fax: 508.545.1234
 Email: datarequests@pdillc.com

143831 B Speed
 Site Code: 12389.04

EB

| Start Time | 1 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | Total | 85th % ile | Ave Speed |
|------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|-------|------------|-----------|
| | 14 | 19 | 24 | 29 | 34 | 39 | 44 | 49 | 54 | 59 | 64 | 69 | 9999 | | | |
| 05/08/ | | | | | | | | | | | | | | | | |
| 14 | 0 | 0 | 0 | 0 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 37 | 34 |
| 01:00 | 0 | 0 | 2 | 2 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 32 | 28 |
| 02:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * | * |
| 03:00 | 0 | 0 | 0 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 33 | 30 |
| 04:00 | 0 | 0 | 1 | 3 | 5 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 36 | 32 |
| 05:00 | 1 | 0 | 0 | 16 | 29 | 8 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 60 | 37 | 32 |
| 06:00 | 0 | 0 | 25 | 111 | 75 | 13 | 3 | 0 | 1 | 0 | 0 | 0 | 0 | 228 | 33 | 29 |
| 07:00 | 71 | 35 | 169 | 193 | 67 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 544 | 28 | 22 |
| 08:00 | 124 | 41 | 148 | 149 | 67 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 532 | 28 | 19 |
| 09:00 | 8 | 7 | 44 | 107 | 112 | 18 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 299 | 33 | 28 |
| 10:00 | 0 | 4 | 26 | 70 | 51 | 11 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 164 | 32 | 28 |
| 11:00 | 1 | 13 | 46 | 81 | 58 | 8 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 209 | 32 | 27 |
| 12 PM | 0 | 10 | 36 | 79 | 68 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 206 | 32 | 28 |
| 13:00 | 1 | 5 | 25 | 89 | 58 | 8 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 187 | 32 | 28 |
| 14:00 | 4 | 10 | 98 | 144 | 50 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 315 | 30 | 26 |
| 15:00 | 4 | 9 | 71 | 138 | 68 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 296 | 31 | 26 |
| 16:00 | 6 | 16 | 96 | 153 | 76 | 12 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 361 | 31 | 26 |
| 17:00 | 9 | 32 | 94 | 191 | 127 | 10 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 464 | 31 | 26 |
| 18:00 | 2 | 4 | 35 | 95 | 78 | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 229 | 32 | 28 |
| 19:00 | 1 | 1 | 24 | 76 | 50 | 20 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 175 | 34 | 29 |
| 20:00 | 0 | 10 | 18 | 45 | 44 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 123 | 32 | 27 |
| 21:00 | 0 | 0 | 11 | 30 | 17 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 61 | 32 | 28 |
| 22:00 | 0 | 2 | 4 | 13 | 9 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 32 | 27 |
| 23:00 | 0 | 1 | 2 | 4 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 36 | 28 |
| Total | 232 | 200 | 975 | 1790 | 1116 | 182 | 21 | 3 | 1 | 0 | 0 | 0 | 0 | 4520 | | |
| % | 5.1% | 4.4% | 21.6% | 39.6% | 24.7% | 4.0% | 0.5% | 0.1% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | | | |
| AM Peak | 08:00 | 08:00 | 07:00 | 07:00 | 09:00 | 09:00 | 05:00 | 09:00 | 06:00 | | | | | 07:00 | | |
| Vol. | 124 | 41 | 169 | 193 | 112 | 18 | 6 | 2 | 1 | | | | | 544 | | |
| PM Peak | 17:00 | 17:00 | 14:00 | 17:00 | 17:00 | 19:00 | 16:00 | 19:00 | | | | | | 17:00 | | |
| Vol. | 9 | 32 | 98 | 191 | 127 | 20 | 2 | 1 | | | | | | 464 | | |

Stats
 15th Percentile : 18 MPH
 50th Percentile : 26 MPH
 85th Percentile : 31 MPH
 95th Percentile : 34 MPH

Mean Speed(Average) : 25 MPH
 10 MPH Pace Speed : 23-32 MPH
 Number in Pace : 2693
 Percent in Pace : 59.6%
 Number of Vehicles > 30 MPH : 970
 Percent of Vehicles > 30 MPH : 21.5%

Cordaville Road (Route 85)
 just north of Woodward School Driveway
 City, State: Southborough, MA
 Client: VHB/ G. Russell



PRECISION
 D A T A
 INDUSTRIES, LLC
 P.O. Box 301 Berlin, MA 01503
 Office: 508.481.3999 Fax: 508.545.1234
 Email: datarequests@pdillc.com

143831 C Volume
 Site Code: 12389.04

| Start Time | SB | | NB | | Combined | | 07-May-14 Wed | | | | | | | |
|------------|-------|-------|-------|-------|----------|-------|------------------|---|-------|---|-------|---|---|---|
| | A.M. | P.M. | A.M. | P.M. | A.M. | P.M. | | | | | | | | |
| 12:00 | 5 | 82 | 5 | 76 | 10 | 158 | | | | | | | | |
| 12:15 | 2 | 81 | 1 | 77 | 3 | 158 | | | | | | | | |
| 12:30 | 1 | 87 | 7 | 64 | 8 | 151 | | | | | | | | |
| 12:45 | 2 | 71 | 321 | 4 | 17 | 69 | 286 | | | | | | | |
| 01:00 | 1 | 83 | | 3 | 62 | 4 | 27 | | | | | | | |
| 01:15 | 3 | 82 | | 3 | 81 | 6 | 145 | | | | | | | |
| 01:30 | 0 | 71 | | 1 | 64 | 1 | 163 | | | | | | | |
| 01:45 | 0 | 91 | 327 | 2 | 9 | 73 | 13 | | | | | | | |
| 02:00 | 0 | 85 | | 0 | 86 | 0 | 164 | | | | | | | |
| 02:15 | 0 | 103 | | 4 | 77 | 4 | 171 | | | | | | | |
| 02:30 | 0 | 111 | | 2 | 71 | 2 | 180 | | | | | | | |
| 02:45 | 2 | 121 | 420 | 0 | 6 | 99 | 2 | | | | | | | |
| 03:00 | 2 | 127 | | 0 | 87 | 2 | 8 | | | | | | | |
| 03:15 | 2 | 100 | | 2 | 115 | 4 | 220 | | | | | | | |
| 03:30 | 0 | 90 | | 1 | 111 | 1 | 214 | | | | | | | |
| 03:45 | 3 | 114 | 431 | 1 | 4 | 113 | 4 | | | | | | | |
| 04:00 | 1 | 90 | | 0 | 127 | 1 | 11 | | | | | | | |
| 04:15 | 3 | 111 | | 5 | 108 | 8 | 227 | | | | | | | |
| 04:30 | 4 | 123 | | 3 | 113 | 7 | 217 | | | | | | | |
| 04:45 | 9 | 121 | 445 | 4 | 12 | 114 | 29 | | | | | | | |
| 05:00 | 8 | 148 | | 6 | 109 | 14 | 235 | | | | | | | |
| 05:15 | 15 | 132 | | 8 | 93 | 23 | 257 | | | | | | | |
| 05:30 | 33 | 128 | | 17 | 119 | 50 | 225 | | | | | | | |
| 05:45 | 28 | 106 | 514 | 33 | 64 | 119 | 61 | | | | | | | |
| 06:00 | 39 | 94 | | 20 | 98 | 59 | 148 | | | | | | | |
| 06:15 | 66 | 73 | | 37 | 126 | 103 | 192 | | | | | | | |
| 06:30 | 46 | 69 | | 49 | 102 | 95 | 199 | | | | | | | |
| 06:45 | 82 | 72 | 308 | 92 | 198 | 89 | 431 | | | | | | | |
| 07:00 | 121 | 85 | | 82 | 54 | 203 | 174 | | | | | | | |
| 07:15 | 94 | 88 | | 94 | 96 | 188 | 431 | | | | | | | |
| 07:30 | 89 | 92 | | 126 | 58 | 215 | 109 | | | | | | | |
| 07:45 | 116 | 54 | 319 | 107 | 409 | 55 | 829 | | | | | | | |
| 08:00 | 104 | 42 | | 126 | 55 | 230 | 109 | | | | | | | |
| 08:15 | 121 | 58 | | 98 | 30 | 219 | 97 | | | | | | | |
| 08:30 | 124 | 48 | | 96 | 34 | 220 | 88 | | | | | | | |
| 08:45 | 92 | 40 | 188 | 100 | 420 | 41 | 192 | | | | | | | |
| 09:00 | 95 | 31 | | 124 | 26 | 219 | 861 | | | | | | | |
| 09:15 | 89 | 41 | | 80 | 35 | 169 | 81 | | | | | | | |
| 09:30 | 65 | 29 | | 69 | 22 | 134 | 57 | | | | | | | |
| 09:45 | 67 | 32 | 133 | 69 | 342 | 29 | 658 | | | | | | | |
| 10:00 | 93 | 18 | | 56 | 25 | 149 | 61 | | | | | | | |
| 10:15 | 74 | 18 | | 73 | 23 | 147 | 245 | | | | | | | |
| 10:30 | 66 | 14 | | 83 | 14 | 149 | 43 | | | | | | | |
| 10:45 | 55 | 8 | 58 | 74 | 286 | 17 | 574 | | | | | | | |
| 11:00 | 55 | 11 | | 55 | 9 | 110 | 25 | | | | | | | |
| 11:15 | 68 | 5 | | 49 | 10 | 117 | 20 | | | | | | | |
| 11:30 | 81 | 6 | | 48 | 7 | 129 | 15 | | | | | | | |
| 11:45 | 80 | 3 | 25 | 62 | 214 | 4 | 142 | | | | | | | |
| Total | 2106 | 3489 | | 1981 | 3286 | 4087 | 6775 | | | | | | | |
| Percent | 51.5% | 51.5% | | 48.5% | 48.5% | | | | | | | | | |
| Day Total | | 5595 | | 5267 | | 10862 | | | | | | | | |
| Peak Vol. | 07:45 | - | 04:45 | - | 07:30 | - | 03:15 | - | 07:45 | - | 04:45 | - | - | - |
| P.H.F. | 0.938 | - | 0.894 | - | 0.907 | - | 0.917 | - | 0.970 | - | 0.938 | - | - | - |

Cordaville Road (Route 85)
 just north of Woodward School Driveway
 City, State: Southborough, MA
 Client: VHB/ G. Russell



PRECISION
 D A T A
 INDUSTRIES, LLC
 P.O. Box 301 Berlin, MA 01503
 Office: 508.481.3999 Fax: 508.545.1234
 Email: datarequests@pdillc.com

143831 C Volume
 Site Code: 12389.04

| Start Time | SB | | NB | | Combin ed | | 08-May-14 Thu | | | | | | | |
|------------|-------|--------|---------|--------|-----------|---------|---------------|---|-------|---|-------|---|---|---|
| | A.M. | P.M. | A.M. | P.M. | A.M. | P.M. | | | | | | | | |
| 12:00 | 5 | 96 | 4 | 51 | 9 | 147 | | | | | | | | |
| 12:15 | 3 | 74 | 3 | 72 | 6 | 146 | | | | | | | | |
| 12:30 | 1 | 86 | 12 | 68 | 13 | 154 | | | | | | | | |
| 12:45 | 4 | 13 61 | 317 2 | 21 83 | 274 6 | 34 144 | 591 | | | | | | | |
| 01:00 | 6 | 69 | 3 | 56 | 9 | 125 | | | | | | | | |
| 01:15 | 0 | 59 | 0 | 68 | 0 | 127 | | | | | | | | |
| 01:30 | 1 | 89 | 2 | 73 | 3 | 162 | | | | | | | | |
| 01:45 | 3 | 10 74 | 291 2 | 7 78 | 275 5 | 17 152 | 566 | | | | | | | |
| 02:00 | 1 | 79 | 0 | 68 | 1 | 147 | | | | | | | | |
| 02:15 | 1 | 90 | 5 | 82 | 6 | 172 | | | | | | | | |
| 02:30 | 3 | 91 | 2 | 78 | 5 | 169 | | | | | | | | |
| 02:45 | 2 | 7 122 | 382 0 | 7 87 | 315 2 | 14 209 | 697 | | | | | | | |
| 03:00 | 1 | 123 | 0 | 86 | 1 | 209 | | | | | | | | |
| 03:15 | 1 | 99 | 3 | 100 | 4 | 199 | | | | | | | | |
| 03:30 | 1 | 112 | 2 | 84 | 3 | 196 | | | | | | | | |
| 03:45 | 4 | 7 130 | 464 2 | 7 89 | 359 6 | 14 219 | 823 | | | | | | | |
| 04:00 | 2 | 102 | 1 | 97 | 3 | 199 | | | | | | | | |
| 04:15 | 2 | 115 | 4 | 107 | 6 | 222 | | | | | | | | |
| 04:30 | 5 | 114 | 3 | 109 | 8 | 223 | | | | | | | | |
| 04:45 | 8 | 17 155 | 486 2 | 10 112 | 425 10 | 27 267 | 911 | | | | | | | |
| 05:00 | 7 | 123 | 5 | 108 | 12 | 231 | | | | | | | | |
| 05:15 | 16 | 133 | 8 | 126 | 24 | 259 | | | | | | | | |
| 05:30 | 26 | 129 | 16 | 117 | 42 | 246 | | | | | | | | |
| 05:45 | 25 | 74 104 | 489 20 | 49 118 | 469 45 | 123 222 | 958 | | | | | | | |
| 06:00 | 39 | 102 | 23 | 123 | 62 | 225 | | | | | | | | |
| 06:15 | 60 | 102 | 40 | 78 | 100 | 180 | | | | | | | | |
| 06:30 | 66 | 87 | 51 | 90 | 117 | 177 | | | | | | | | |
| 06:45 | 77 | 242 74 | 365 85 | 199 67 | 358 162 | 441 141 | 723 | | | | | | | |
| 07:00 | 106 | 71 | 100 | 70 | 206 | 141 | | | | | | | | |
| 07:15 | 99 | 72 | 97 | 89 | 196 | 161 | | | | | | | | |
| 07:30 | 95 | 74 | 118 | 55 | 213 | 129 | | | | | | | | |
| 07:45 | 120 | 420 74 | 291 116 | 431 56 | 270 236 | 851 130 | 561 | | | | | | | |
| 08:00 | 95 | 62 | 119 | 57 | 214 | 119 | | | | | | | | |
| 08:15 | 130 | 66 | 112 | 42 | 242 | 108 | | | | | | | | |
| 08:30 | 127 | 39 | 104 | 28 | 231 | 67 | | | | | | | | |
| 08:45 | 103 | 455 29 | 196 118 | 453 29 | 156 221 | 908 58 | 352 | | | | | | | |
| 09:00 | 82 | 23 | 103 | 17 | 185 | 40 | | | | | | | | |
| 09:15 | 87 | 14 | 95 | 26 | 182 | 40 | | | | | | | | |
| 09:30 | 88 | 19 | 68 | 27 | 156 | 46 | | | | | | | | |
| 09:45 | 84 | 341 15 | 71 78 | 344 14 | 84 162 | 685 29 | 155 | | | | | | | |
| 10:00 | 56 | 19 | 78 | 26 | 134 | 45 | | | | | | | | |
| 10:15 | 73 | 18 | 54 | 18 | 127 | 36 | | | | | | | | |
| 10:30 | 60 | 15 | 62 | 14 | 122 | 29 | | | | | | | | |
| 10:45 | 63 | 252 4 | 56 81 | 275 6 | 64 144 | 527 10 | 120 | | | | | | | |
| 11:00 | 79 | 13 | 61 | 8 | 140 | 21 | | | | | | | | |
| 11:15 | 60 | 3 | 63 | 8 | 123 | 11 | | | | | | | | |
| 11:30 | 63 | 7 | 58 | 7 | 121 | 14 | | | | | | | | |
| 11:45 | 76 | 278 6 | 29 62 | 244 5 | 28 138 | 522 11 | 57 | | | | | | | |
| Total | 2116 | 3437 | 2047 | 3077 | 4163 | 6514 | | | | | | | | |
| Percent | 50.8% | 52.8% | 49.2% | 47.2% | | | | | | | | | | |
| Day Total | | 5553 | | 5124 | | 10677 | | | | | | | | |
| Peak Vol. | 07:45 | - | 04:45 | - | 07:30 | - | 05:15 | - | 07:45 | - | 04:45 | - | - | - |
| P.H.F. | 0.908 | | 0.871 | | 0.977 | | 0.960 | | 0.954 | | 0.939 | | | |

Cordaville Road (Route 85)
 just north of Woodward School Driveway
 City, State: Southborough, MA
 Client: VHB/ G. Russell



PRECISION
 D A T A
 INDUSTRIES, LLC
 P.O. Box 301 Berlin, MA 01503
 Office: 508.481.3999 Fax: 508.545.1234
 Email: datarequests@pdillc.com

143831 C Class
 Site Code: 12389.04

SB

| Start Time | Bikes | Cars & Trailers | 2 Axle Long | Buses | 2 Axle 6 Tire | 3 Axle Single | 4 Axle Single | <5 Axl Double | 5 Axle Double | >6 Axl Double | <6 Axl Multi | 6 Axle Multi | >6 Axl Multi | Total |
|------------|-------|-----------------|-------------|-------|---------------|---------------|---------------|---------------|---------------|---------------|--------------|--------------|--------------|-------|
| 05/07/1 | | | | | | | | | | | | | | |
| 4 | 0 | 8 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 |
| 01:00 | 0 | 1 | 1 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |
| 02:00 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| 03:00 | 0 | 4 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 |
| 04:00 | 0 | 10 | 5 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 |
| 05:00 | 0 | 65 | 16 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 84 |
| 06:00 | 3 | 183 | 36 | 2 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 233 |
| 07:00 | 2 | 339 | 55 | 3 | 17 | 1 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 420 |
| 08:00 | 2 | 355 | 57 | 5 | 15 | 3 | 1 | 0 | 3 | 0 | 0 | 0 | 0 | 441 |
| 09:00 | 2 | 236 | 52 | 5 | 15 | 2 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 316 |
| 10:00 | 1 | 205 | 71 | 5 | 2 | 2 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 288 |
| 11:00 | 1 | 206 | 56 | 1 | 11 | 3 | 0 | 4 | 2 | 0 | 0 | 0 | 0 | 284 |
| 12 PM | 6 | 246 | 45 | 7 | 12 | 3 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 321 |
| 13:00 | 4 | 249 | 53 | 2 | 10 | 6 | 0 | 2 | 0 | 0 | 1 | 0 | 0 | 327 |
| 14:00 | 0 | 318 | 78 | 4 | 13 | 4 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 420 |
| 15:00 | 6 | 326 | 67 | 3 | 28 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 431 |
| 16:00 | 6 | 366 | 50 | 3 | 14 | 5 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 445 |
| 17:00 | 4 | 437 | 53 | 6 | 10 | 3 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 514 |
| 18:00 | 7 | 255 | 37 | 1 | 4 | 2 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 308 |
| 19:00 | 4 | 275 | 35 | 0 | 2 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 319 |
| 20:00 | 3 | 168 | 14 | 0 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 188 |
| 21:00 | 4 | 117 | 11 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 133 |
| 22:00 | 0 | 47 | 9 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 58 |
| 23:00 | 1 | 18 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25 |
| Total | 56 | 4436 | 811 | 47 | 175 | 37 | 3 | 21 | 7 | 1 | 1 | 0 | 0 | 5595 |
| Percent | 1.0% | 79.3% | 14.5% | 0.8% | 3.1% | 0.7% | 0.1% | 0.4% | 0.1% | 0.0% | 0.0% | 0.0% | 0.0% | |
| AM Peak | 06:00 | 08:00 | 10:00 | 08:00 | 07:00 | 08:00 | 08:00 | 11:00 | 08:00 | 09:00 | | | | 08:00 |
| Vol. | 3 | 355 | 71 | 5 | 17 | 3 | 1 | 4 | 3 | 1 | | | | 441 |
| PM Peak | 18:00 | 17:00 | 14:00 | 12:00 | 15:00 | 13:00 | 12:00 | 14:00 | 18:00 | | 13:00 | | | 17:00 |
| Vol. | 7 | 437 | 78 | 7 | 28 | 6 | 1 | 3 | 1 | | 1 | | | 514 |

Cordaville Road (Route 85)
 just north of Woodward School Driveway
 City, State: Southborough, MA
 Client: VHB/ G. Russell



PRECISION
 D A T A
 INDUSTRIES, LLC
 P.O. Box 301 Berlin, MA 01503
 Office: 508.481.3999 Fax: 508.545.1234
 Email: datarequests@pdillc.com

143831 C Class
 Site Code: 12389.04

SB

| Start Time | Bikes | Cars & Trailers | 2 Axle Long | Buses | 2 Axle 6 Tire | 3 Axle Single | 4 Axle Single | <5 Axl Double | 5 Axle Double | >6 Axl Double | <6 Axl Multi | 6 Axle Multi | >6 Axl Multi | Total |
|------------|-------|-----------------|-------------|-------|---------------|---------------|---------------|---------------|---------------|---------------|--------------|--------------|--------------|-------|
| 05/08/1 | | | | | | | | | | | | | | |
| 4 | 0 | 12 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 |
| 01:00 | 1 | 5 | 3 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 |
| 02:00 | 0 | 4 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 |
| 03:00 | 0 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 |
| 04:00 | 0 | 12 | 2 | 0 | 2 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 17 |
| 05:00 | 0 | 53 | 20 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 74 |
| 06:00 | 2 | 194 | 39 | 2 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 242 |
| 07:00 | 3 | 346 | 50 | 5 | 12 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 420 |
| 08:00 | 2 | 378 | 56 | 3 | 12 | 3 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 455 |
| 09:00 | 1 | 258 | 61 | 4 | 14 | 1 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 341 |
| 10:00 | 4 | 190 | 45 | 2 | 9 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 252 |
| 11:00 | 4 | 203 | 52 | 3 | 12 | 2 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 278 |
| 12 PM | 2 | 231 | 60 | 2 | 20 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 317 |
| 13:00 | 3 | 216 | 52 | 2 | 12 | 2 | 0 | 2 | 2 | 0 | 0 | 0 | 0 | 291 |
| 14:00 | 1 | 287 | 67 | 2 | 17 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 382 |
| 15:00 | 5 | 360 | 72 | 2 | 18 | 3 | 0 | 3 | 1 | 0 | 0 | 0 | 0 | 464 |
| 16:00 | 7 | 388 | 66 | 3 | 18 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 486 |
| 17:00 | 8 | 408 | 56 | 0 | 8 | 8 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 489 |
| 18:00 | 10 | 301 | 47 | 1 | 4 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 365 |
| 19:00 | 2 | 251 | 30 | 2 | 5 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 291 |
| 20:00 | 2 | 173 | 19 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 196 |
| 21:00 | 1 | 60 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 71 |
| 22:00 | 0 | 49 | 6 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 56 |
| 23:00 | 0 | 26 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 29 |
| Total | 58 | 4412 | 818 | 34 | 174 | 33 | 0 | 18 | 6 | 0 | 0 | 0 | 0 | 5553 |
| Percent | 1.0% | 79.5% | 14.7% | 0.6% | 3.1% | 0.6% | 0.0% | 0.3% | 0.1% | 0.0% | 0.0% | 0.0% | 0.0% | |
| AM Peak | 10:00 | 08:00 | 09:00 | 07:00 | 09:00 | 07:00 | | 09:00 | 04:00 | | | | | 08:00 |
| Vol. | 4 | 378 | 61 | 5 | 14 | 4 | | 2 | 1 | | | | | 455 |
| PM Peak | 18:00 | 17:00 | 15:00 | 16:00 | 12:00 | 14:00 | | 16:00 | 13:00 | | | | | 17:00 |
| Vol. | 10 | 408 | 72 | 3 | 20 | 8 | | 4 | 2 | | | | | 489 |

Cordaville Road (Route 85)
 just north of Woodward School Driveway
 City, State: Southborough, MA
 Client: VHB/ G. Russell



PRECISION
 D A T A
 INDUSTRIES, LLC
 P.O. Box 301 Berlin, MA 01503
 Office: 508.481.3999 Fax: 508.545.1234
 Email: datarequests@pdillc.com

143831 C Class
 Site Code: 12389.04

NB

| Start Time | Bikes | Cars & Trailers | 2 Axle Long | Buses | 2 Axle 6 Tire | 3 Axle Single | 4 Axle Single | <5 Axl Double | 5 Axle Double | >6 Axl Double | <6 Axl Multi | 6 Axle Multi | >6 Axl Multi | Total |
|------------|-------|-----------------|-------------|-------|---------------|---------------|---------------|---------------|---------------|---------------|--------------|--------------|--------------|-------|
| 05/07/1 | | | | | | | | | | | | | | |
| 4 | 0 | 13 | 3 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 |
| 01:00 | 0 | 6 | 0 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 |
| 02:00 | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 |
| 03:00 | 0 | 1 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |
| 04:00 | 0 | 7 | 4 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 |
| 05:00 | 0 | 48 | 12 | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 64 |
| 06:00 | 1 | 149 | 27 | 7 | 11 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 198 |
| 07:00 | 2 | 329 | 56 | 0 | 13 | 3 | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 409 |
| 08:00 | 1 | 354 | 52 | 0 | 8 | 2 | 0 | 2 | 1 | 0 | 0 | 0 | 0 | 420 |
| 09:00 | 4 | 271 | 56 | 1 | 7 | 1 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 342 |
| 10:00 | 7 | 221 | 42 | 1 | 11 | 3 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 286 |
| 11:00 | 1 | 155 | 43 | 0 | 10 | 3 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 214 |
| 12 PM | 2 | 211 | 51 | 0 | 15 | 4 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 286 |
| 13:00 | 5 | 213 | 39 | 3 | 13 | 5 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 280 |
| 14:00 | 3 | 258 | 58 | 4 | 7 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 333 |
| 15:00 | 1 | 353 | 55 | 5 | 10 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 426 |
| 16:00 | 2 | 397 | 44 | 5 | 13 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 462 |
| 17:00 | 5 | 387 | 39 | 1 | 6 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 440 |
| 18:00 | 1 | 355 | 47 | 0 | 9 | 1 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 415 |
| 19:00 | 5 | 222 | 29 | 0 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 263 |
| 20:00 | 0 | 134 | 24 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 160 |
| 21:00 | 1 | 94 | 16 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 112 |
| 22:00 | 1 | 65 | 11 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 79 |
| 23:00 | 1 | 23 | 5 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 |
| Total | 43 | 4272 | 715 | 30 | 152 | 27 | 1 | 24 | 3 | 0 | 0 | 0 | 0 | 5267 |
| Percent | 0.8% | 81.1% | 13.6% | 0.6% | 2.9% | 0.5% | 0.0% | 0.5% | 0.1% | 0.0% | 0.0% | 0.0% | 0.0% | |
| AM Peak | 10:00 | 08:00 | 07:00 | 06:00 | 07:00 | 07:00 | | 07:00 | 08:00 | | | | | 08:00 |
| Vol. | 7 | 354 | 56 | 7 | 13 | 3 | | 6 | 1 | | | | | 420 |
| PM Peak | 13:00 | 16:00 | 14:00 | 15:00 | 12:00 | 13:00 | 12:00 | 17:00 | 12:00 | | | | | 16:00 |
| Vol. | 5 | 397 | 58 | 5 | 15 | 5 | 1 | 2 | 1 | | | | | 462 |

Cordaville Road (Route 85)
 just north of Woodward School Driveway
 City, State: Southborough, MA
 Client: VHB/ G. Russell



PRECISION
 DATA
 INDUSTRIES, LLC
 P.O. Box 301 Berlin, MA 01503
 Office: 508.481.3999 Fax: 508.545.1234
 Email: datarequests@pdillc.com

143831 C Class
 Site Code: 12389.04

NB

| Start Time | Bikes | Cars & Trailers | 2 Axle Long | Buses | 2 Axle 6 Tire | 3 Axle Single | 4 Axle Single | <5 Axl Double | 5 Axle Double | >6 Axl Double | <6 Axl Multi | 6 Axle Multi | >6 Axl Multi | Total |
|------------|-------|-----------------|-------------|-------|---------------|---------------|---------------|---------------|---------------|---------------|--------------|--------------|--------------|-------|
| 05/08/1 | | | | | | | | | | | | | | |
| 4 | 0 | 15 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21 |
| 01:00 | 0 | 6 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 |
| 02:00 | 0 | 5 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 |
| 03:00 | 0 | 1 | 3 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 |
| 04:00 | 0 | 7 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 |
| 05:00 | 0 | 41 | 6 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 49 |
| 06:00 | 1 | 147 | 30 | 7 | 11 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 199 |
| 07:00 | 5 | 337 | 62 | 0 | 18 | 3 | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 431 |
| 08:00 | 5 | 366 | 58 | 2 | 18 | 1 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 453 |
| 09:00 | 1 | 257 | 69 | 0 | 14 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 344 |
| 10:00 | 1 | 215 | 49 | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 275 |
| 11:00 | 4 | 172 | 47 | 1 | 12 | 3 | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 244 |
| 12 PM | 3 | 222 | 36 | 0 | 8 | 2 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 274 |
| 13:00 | 0 | 206 | 39 | 3 | 22 | 2 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 275 |
| 14:00 | 1 | 259 | 42 | 0 | 7 | 4 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 315 |
| 15:00 | 4 | 284 | 47 | 4 | 15 | 1 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 359 |
| 16:00 | 4 | 358 | 52 | 2 | 7 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 425 |
| 17:00 | 5 | 415 | 43 | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 469 |
| 18:00 | 3 | 317 | 34 | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 358 |
| 19:00 | 1 | 217 | 47 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 270 |
| 20:00 | 0 | 130 | 24 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 156 |
| 21:00 | 0 | 72 | 9 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 84 |
| 22:00 | 0 | 54 | 8 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 64 |
| 23:00 | 0 | 25 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 28 |
| Total | 38 | 4128 | 718 | 24 | 165 | 17 | 2 | 27 | 4 | 1 | 0 | 0 | 0 | 5124 |
| Percent | 0.7% | 80.6% | 14.0% | 0.5% | 3.2% | 0.3% | 0.0% | 0.5% | 0.1% | 0.0% | 0.0% | 0.0% | 0.0% | |
| AM Peak | 07:00 | 08:00 | 09:00 | 06:00 | 07:00 | 07:00 | 06:00 | 07:00 | | | | | | 08:00 |
| Vol. | 5 | 366 | 69 | 7 | 18 | 3 | 1 | 6 | | | | | | 453 |
| PM Peak | 17:00 | 17:00 | 16:00 | 15:00 | 13:00 | 14:00 | | 15:00 | 13:00 | 20:00 | | | | 17:00 |
| Vol. | 5 | 415 | 52 | 4 | 22 | 4 | | 4 | 3 | 1 | | | | 469 |

Cordaville Road (Route 85)
 just north of Woodward School Driveway
 City, State: Southborough, MA
 Client: VHB/ G. Russell



PRECISION
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 INDUSTRIES, LLC
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 Email: datarequests@pdillc.com

143831 C Speed
 Site Code: 12389.04

SB

| Start Time | 1 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | Total | 85th % ile | Ave Speed |
|------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|------|------|-------|------------|-----------|
| 05/07/ | | | | | | | | | | | | | | | | |
| 14 | 0 | 0 | 0 | 0 | 2 | 7 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 39 | 37 |
| 01:00 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 42 | 39 |
| 02:00 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 37 | 34 |
| 03:00 | 0 | 0 | 0 | 0 | 2 | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 39 | 36 |
| 04:00 | 0 | 0 | 0 | 0 | 4 | 12 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 38 | 36 |
| 05:00 | 1 | 0 | 3 | 2 | 18 | 43 | 13 | 3 | 1 | 0 | 0 | 0 | 0 | 84 | 40 | 36 |
| 06:00 | 2 | 2 | 3 | 4 | 82 | 111 | 27 | 2 | 0 | 0 | 0 | 0 | 0 | 233 | 39 | 35 |
| 07:00 | 2 | 7 | 21 | 41 | 151 | 163 | 34 | 1 | 0 | 0 | 0 | 0 | 0 | 420 | 38 | 33 |
| 08:00 | 41 | 26 | 76 | 71 | 124 | 88 | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 441 | 35 | 26 |
| 09:00 | 2 | 4 | 19 | 54 | 101 | 108 | 24 | 4 | 0 | 0 | 0 | 0 | 0 | 316 | 38 | 33 |
| 10:00 | 0 | 1 | 2 | 32 | 114 | 115 | 21 | 3 | 0 | 0 | 0 | 0 | 0 | 288 | 38 | 34 |
| 11:00 | 2 | 4 | 0 | 17 | 123 | 114 | 21 | 2 | 1 | 0 | 0 | 0 | 0 | 284 | 38 | 34 |
| 12 PM | 1 | 2 | 2 | 27 | 142 | 116 | 29 | 2 | 0 | 0 | 0 | 0 | 0 | 321 | 38 | 34 |
| 13:00 | 3 | 2 | 8 | 21 | 127 | 132 | 33 | 0 | 1 | 0 | 0 | 0 | 0 | 327 | 38 | 34 |
| 14:00 | 10 | 19 | 18 | 50 | 187 | 114 | 20 | 2 | 0 | 0 | 0 | 0 | 0 | 420 | 37 | 31 |
| 15:00 | 12 | 16 | 66 | 109 | 148 | 63 | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 431 | 35 | 28 |
| 16:00 | 9 | 13 | 46 | 93 | 186 | 91 | 6 | 1 | 0 | 0 | 0 | 0 | 0 | 445 | 35 | 30 |
| 17:00 | 15 | 12 | 55 | 134 | 211 | 79 | 7 | 0 | 0 | 0 | 1 | 0 | 0 | 514 | 34 | 29 |
| 18:00 | 9 | 13 | 46 | 57 | 132 | 41 | 8 | 1 | 1 | 0 | 0 | 0 | 0 | 308 | 34 | 29 |
| 19:00 | 5 | 14 | 10 | 37 | 134 | 101 | 18 | 0 | 0 | 0 | 0 | 0 | 0 | 319 | 37 | 32 |
| 20:00 | 0 | 10 | 5 | 21 | 83 | 55 | 12 | 2 | 0 | 0 | 0 | 0 | 0 | 188 | 37 | 32 |
| 21:00 | 1 | 2 | 3 | 15 | 72 | 36 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 133 | 36 | 32 |
| 22:00 | 0 | 1 | 2 | 6 | 17 | 24 | 7 | 0 | 1 | 0 | 0 | 0 | 0 | 58 | 39 | 34 |
| 23:00 | 0 | 0 | 0 | 2 | 10 | 9 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 25 | 39 | 35 |
| Total | 115 | 148 | 385 | 793 | 2171 | 1629 | 324 | 24 | 5 | 0 | 1 | 0 | 0 | 5595 | | |
| % | 2.1% | 2.6% | 6.9% | 14.2% | 38.8% | 29.1% | 5.8% | 0.4% | 0.1% | 0.0% | 0.0% | 0.0% | 0.0% | | | |
| AM Peak | 08:00 | 08:00 | 08:00 | 08:00 | 07:00 | 07:00 | 07:00 | 09:00 | 05:00 | | | | | 08:00 | | |
| Vol. | 41 | 26 | 76 | 71 | 151 | 163 | 34 | 4 | 1 | | | | | 441 | | |
| PM Peak | 17:00 | 14:00 | 15:00 | 17:00 | 17:00 | 13:00 | 13:00 | 12:00 | 13:00 | | 17:00 | | | 17:00 | | |
| Vol. | 15 | 19 | 66 | 134 | 211 | 132 | 33 | 2 | 1 | | 1 | | | 514 | | |

Stats
 15th Percentile : 24 MPH
 50th Percentile : 31 MPH
 85th Percentile : 37 MPH
 95th Percentile : 40 MPH

Mean Speed(Average) : 31 MPH
 10 MPH Pace Speed : 29-38 MPH
 Number in Pace : 3431
 Percent in Pace : 61.3%
 Number of Vehicles > 30 MPH : 3556
 Percent of Vehicles > 30 MPH : 63.6%

Cordaville Road (Route 85)
 just north of Woodward School Driveway
 City, State: Southborough, MA
 Client: VHB/ G. Russell



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143831 C Speed
 Site Code: 12389.04

SB

| Start Time | 14 | 15 | 19 | 20 | 24 | 25 | 29 | 30 | 34 | 35 | 39 | 40 | 44 | 45 | 49 | 50 | 54 | 55 | 59 | 60 | 64 | 65 | 69 | 70 | 9999 | Total | 85th % ile | Ave Speed | |
|------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------------|-----------|--|
| 05/08/ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | 0 | 0 | 0 | 0 | 0 | 4 | 5 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 44 | 38 | |
| 01:00 | 1 | 0 | 1 | 2 | 3 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 36 | 28 | |
| 02:00 | 0 | 0 | 0 | 0 | 3 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 39 | 36 | | |
| 03:00 | 0 | 0 | 0 | 0 | 3 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 37 | 35 | | |
| 04:00 | 0 | 0 | 0 | 0 | 6 | 9 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 39 | 36 | | |
| 05:00 | 0 | 1 | 0 | 1 | 17 | 31 | 22 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 74 | 41 | 37 | | |
| 06:00 | 1 | 2 | 0 | 6 | 90 | 111 | 27 | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 242 | 39 | 35 | | |
| 07:00 | 7 | 8 | 19 | 56 | 156 | 148 | 24 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 420 | 37 | 32 | | |
| 08:00 | 30 | 33 | 55 | 60 | 125 | 126 | 22 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 455 | 37 | 28 | | |
| 09:00 | 5 | 5 | 13 | 37 | 137 | 113 | 28 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 341 | 38 | 33 | | |
| 10:00 | 2 | 1 | 9 | 28 | 107 | 84 | 19 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 252 | 38 | 33 | | |
| 11:00 | 1 | 7 | 7 | 33 | 125 | 87 | 17 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 278 | 37 | 33 | | |
| 12 PM | 0 | 3 | 5 | 31 | 156 | 106 | 15 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 317 | 37 | 33 | | |
| 13:00 | 4 | 1 | 3 | 35 | 124 | 112 | 10 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 291 | 37 | 33 | | |
| 14:00 | 7 | 14 | 17 | 51 | 158 | 118 | 16 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 382 | 37 | 31 | | |
| 15:00 | 12 | 16 | 41 | 72 | 200 | 110 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 464 | 36 | 30 | | |
| 16:00 | 1 | 9 | 11 | 45 | 215 | 182 | 23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 486 | 37 | 33 | | |
| 17:00 | 15 | 28 | 54 | 119 | 199 | 65 | 8 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 489 | 34 | 28 | | |
| 18:00 | 2 | 5 | 25 | 35 | 151 | 118 | 26 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 365 | 38 | 33 | | |
| 19:00 | 6 | 14 | 14 | 30 | 108 | 95 | 20 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 291 | 38 | 32 | | |
| 20:00 | 1 | 4 | 6 | 13 | 96 | 69 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 196 | 37 | 33 | | |
| 21:00 | 1 | 2 | 1 | 7 | 32 | 22 | 5 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 71 | 38 | 33 | | |
| 22:00 | 0 | 0 | 0 | 9 | 21 | 22 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 56 | 38 | 34 | | |
| 23:00 | 0 | 1 | 1 | 1 | 6 | 13 | 5 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 29 | 41 | 36 | | |
| Total | 96 | 154 | 282 | 671 | 2242 | 1756 | 316 | 29 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5553 | | | | |
| % | 1.7% | 2.8% | 5.1% | 12.1% | 40.4% | 31.6% | 5.7% | 0.5% | 0.1% | 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% | 0.0% | | | | | |
| AM Peak | 08:00 | 08:00 | 08:00 | 08:00 | 07:00 | 07:00 | 09:00 | 06:00 | 00:00 | | | | | | | | | | | | | | | | | 08:00 | | | |
| Vol. | 30 | 33 | 55 | 60 | 156 | 148 | 28 | 4 | 1 | | | | | | | | | | | | | | | | | 455 | | | |
| PM Peak | 17:00 | 17:00 | 17:00 | 17:00 | 16:00 | 16:00 | 18:00 | 19:00 | 17:00 | | | | | | | | | | | | | | | | | | 17:00 | | |
| Vol. | 15 | 28 | 54 | 119 | 215 | 182 | 26 | 3 | 1 | | | | | | | | | | | | | | | | | | 489 | | |

Stats
 15th Percentile : 25 MPH
 50th Percentile : 32 MPH
 85th Percentile : 37 MPH
 95th Percentile : 40 MPH

Mean Speed(Average) : 32 MPH
 10 MPH Pace Speed : 29-38 MPH
 Number in Pace : 3568
 Percent in Pace : 64.3%
 Number of Vehicles > 30 MPH : 3738
 Percent of Vehicles > 30 MPH : 67.3%

Cordaville Road (Route 85)
 just north of Woodward School Driveway
 City, State: Southborough, MA
 Client: VHB/ G. Russell



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143831 C Speed
 Site Code: 12389.04

NB

| Start Time | 1 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | Total | 85th % ile | Ave Speed |
|------------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|-------|------------|-----------|
| 05/07/ | | | | | | | | | | | | | | | | |
| 14 | 0 | 0 | 0 | 3 | 3 | 9 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 39 | 35 |
| 01:00 | 0 | 0 | 0 | 0 | 2 | 2 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 42 | 39 |
| 02:00 | 0 | 0 | 0 | 0 | 3 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 41 | 36 |
| 03:00 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 4 | 46 | 39 |
| 04:00 | 0 | 0 | 0 | 0 | 5 | 4 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 41 | 36 |
| 05:00 | 0 | 1 | 1 | 4 | 23 | 26 | 6 | 3 | 0 | 0 | 0 | 0 | 0 | 64 | 39 | 35 |
| 06:00 | 7 | 8 | 21 | 34 | 66 | 50 | 11 | 1 | 0 | 0 | 0 | 0 | 0 | 198 | 37 | 30 |
| 07:00 | 76 | 63 | 87 | 86 | 77 | 19 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 409 | 30 | 20 |
| 08:00 | 82 | 73 | 126 | 62 | 67 | 9 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 420 | 28 | 19 |
| 09:00 | 49 | 43 | 83 | 77 | 69 | 18 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 342 | 31 | 22 |
| 10:00 | 8 | 9 | 24 | 62 | 117 | 59 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 286 | 35 | 30 |
| 11:00 | 0 | 3 | 15 | 50 | 95 | 45 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 214 | 36 | 31 |
| 12 PM | 0 | 14 | 31 | 87 | 104 | 47 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 286 | 34 | 29 |
| 13:00 | 4 | 13 | 26 | 73 | 116 | 43 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 280 | 34 | 29 |
| 14:00 | 18 | 18 | 62 | 109 | 91 | 31 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 333 | 33 | 26 |
| 15:00 | 88 | 80 | 129 | 87 | 33 | 8 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 426 | 26 | 18 |
| 16:00 | 122 | 93 | 108 | 95 | 42 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 462 | 26 | 17 |
| 17:00 | 167 | 84 | 106 | 62 | 20 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 440 | 23 | 15 |
| 18:00 | 137 | 77 | 104 | 42 | 34 | 20 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 415 | 25 | 16 |
| 19:00 | 5 | 17 | 24 | 75 | 103 | 34 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 263 | 34 | 28 |
| 20:00 | 1 | 7 | 13 | 42 | 53 | 35 | 8 | 1 | 0 | 0 | 0 | 0 | 0 | 160 | 36 | 30 |
| 21:00 | 2 | 5 | 7 | 25 | 41 | 27 | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 112 | 36 | 30 |
| 22:00 | 3 | 13 | 3 | 5 | 20 | 29 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 79 | 37 | 29 |
| 23:00 | 0 | 0 | 1 | 3 | 6 | 13 | 6 | 1 | 0 | 0 | 0 | 0 | 0 | 30 | 41 | 36 |
| Total | 769 | 621 | 971 | 1083 | 1190 | 535 | 90 | 8 | 0 | 0 | 0 | 0 | 0 | 5267 | | |
| % | 14.6% | 11.8% | 18.4% | 20.6% | 22.6% | 10.2% | 1.7% | 0.2% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | | | |
| AM Peak | 08:00 | 08:00 | 08:00 | 07:00 | 10:00 | 10:00 | 06:00 | 05:00 | | | | | | 08:00 | | |
| Vol. | 82 | 73 | 126 | 86 | 117 | 59 | 11 | 3 | | | | | | 420 | | |
| PM Peak | 17:00 | 16:00 | 15:00 | 14:00 | 13:00 | 12:00 | 20:00 | 20:00 | | | | | | 16:00 | | |
| Vol. | 167 | 93 | 129 | 109 | 116 | 47 | 8 | 1 | | | | | | 462 | | |

Stats

15th Percentile : 9 MPH
 50th Percentile : 23 MPH
 85th Percentile : 32 MPH
 95th Percentile : 37 MPH

Mean Speed(Average) : 22 MPH
 10 MPH Pace Speed : 24-33 MPH
 Number in Pace : 1893
 Percent in Pace : 35.9%
 Number of Vehicles > 30 MPH : 1381
 Percent of Vehicles > 30 MPH : 26.2%

Cordaville Road (Route 85)
 just north of Woodward School Driveway
 City, State: Southborough, MA
 Client: VHB/ G. Russell



PRECISION
 D A T A
 INDUSTRIES, LLC
 P.O. Box 301 Berlin, MA 01503
 Office: 508.481.3999 Fax: 508.545.1234
 Email: datarequests@pdillc.com

143831 C Speed
 Site Code: 12389.04

NB

| Start Time | 1 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | Total | 85th % ile | Ave Speed |
|------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|-------|------------|-----------|
| 05/08/ | | | | | | | | | | | | | | | | |
| 14 | 0 | 0 | 0 | 2 | 8 | 7 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 21 | 40 | 35 |
| 01:00 | 0 | 0 | 0 | 1 | 2 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 39 | 35 |
| 02:00 | 0 | 0 | 1 | 1 | 1 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 41 | 34 |
| 03:00 | 0 | 0 | 0 | 0 | 1 | 4 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 7 | 48 | 40 |
| 04:00 | 0 | 0 | 0 | 0 | 4 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 37 | 35 |
| 05:00 | 0 | 3 | 1 | 3 | 10 | 20 | 11 | 1 | 0 | 0 | 0 | 0 | 0 | 49 | 41 | 34 |
| 06:00 | 0 | 2 | 10 | 29 | 80 | 65 | 10 | 2 | 1 | 0 | 0 | 0 | 0 | 199 | 37 | 33 |
| 07:00 | 51 | 51 | 119 | 103 | 90 | 16 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 431 | 30 | 22 |
| 08:00 | 81 | 85 | 122 | 85 | 63 | 15 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 453 | 28 | 19 |
| 09:00 | 29 | 28 | 43 | 81 | 114 | 42 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 344 | 34 | 26 |
| 10:00 | 1 | 11 | 21 | 68 | 116 | 52 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 275 | 35 | 30 |
| 11:00 | 7 | 15 | 21 | 59 | 93 | 43 | 5 | 1 | 0 | 0 | 0 | 0 | 0 | 244 | 35 | 29 |
| 12 PM | 7 | 10 | 28 | 73 | 95 | 55 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 274 | 35 | 29 |
| 13:00 | 2 | 18 | 32 | 71 | 106 | 40 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 275 | 34 | 29 |
| 14:00 | 4 | 17 | 31 | 91 | 124 | 43 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 315 | 34 | 29 |
| 15:00 | 18 | 52 | 80 | 93 | 81 | 32 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 359 | 32 | 24 |
| 16:00 | 34 | 62 | 86 | 108 | 109 | 22 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 425 | 31 | 23 |
| 17:00 | 187 | 100 | 121 | 45 | 15 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 469 | 22 | 14 |
| 18:00 | 37 | 42 | 47 | 67 | 109 | 47 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 358 | 34 | 24 |
| 19:00 | 7 | 15 | 24 | 71 | 105 | 43 | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 270 | 34 | 29 |
| 20:00 | 2 | 5 | 5 | 26 | 78 | 38 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 156 | 36 | 31 |
| 21:00 | 0 | 7 | 0 | 13 | 34 | 24 | 5 | 1 | 0 | 0 | 0 | 0 | 0 | 84 | 37 | 31 |
| 22:00 | 1 | 5 | 4 | 9 | 17 | 18 | 9 | 1 | 0 | 0 | 0 | 0 | 0 | 64 | 39 | 31 |
| 23:00 | 0 | 1 | 0 | 4 | 12 | 10 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 37 | 33 |
| Total | 468 | 529 | 796 | 1103 | 1467 | 648 | 101 | 9 | 3 | 0 | 0 | 0 | 0 | 5124 | | |
| % | 9.1% | 10.3% | 15.5% | 21.5% | 28.6% | 12.6% | 2.0% | 0.2% | 0.1% | 0.0% | 0.0% | 0.0% | 0.0% | | | |
| AM Peak | 08:00 | 08:00 | 08:00 | 07:00 | 10:00 | 06:00 | 05:00 | 06:00 | 03:00 | | | | | 08:00 | | |
| Vol. | 81 | 85 | 122 | 103 | 116 | 65 | 11 | 2 | 1 | | | | | 453 | | |
| PM Peak | 17:00 | 17:00 | 17:00 | 16:00 | 14:00 | 12:00 | 18:00 | 19:00 | 15:00 | | | | | 17:00 | | |
| Vol. | 187 | 100 | 121 | 108 | 124 | 55 | 9 | 1 | 1 | | | | | 469 | | |

Stats

15th Percentile : 11 MPH
 50th Percentile : 26 MPH
 85th Percentile : 34 MPH
 95th Percentile : 37 MPH

Mean Speed(Average) : 25 MPH
 10 MPH Pace Speed : 25-34 MPH
 Number in Pace : 2183
 Percent in Pace : 42.6%
 Number of Vehicles > 30 MPH : 1712
 Percent of Vehicles > 30 MPH : 33.4%

Main Street (Route 30)
 west of School Street
 City, State: Southborough, MA
 Client: VHB/ G. Russell



PRECISION
 D A T A
 INDUSTRIES, LLC
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 Email: datarequests@pdillc.com

143831 D Volume
 Site Code: 12389.04

| Start Time | WB | | EB | | Combin ed | | 07-May-14 Wed | | | | | | | |
|------------|-------|-------|-------|-------|-----------|------|---------------|-----|-------|-----|-------|-----|---|---|
| | A.M. | P.M. | A.M. | P.M. | A.M. | P.M. | | | | | | | | |
| 12:00 | 5 | 62 | 2 | 70 | 7 | 132 | | | | | | | | |
| 12:15 | 0 | 52 | 0 | 57 | 0 | 109 | | | | | | | | |
| 12:30 | 1 | 59 | 2 | 65 | 3 | 124 | | | | | | | | |
| 12:45 | 2 | 43 | 216 | 3 | 7 | 60 | 252 | 15 | 103 | 468 | | | | |
| 01:00 | 0 | 45 | 1 | 52 | 1 | 97 | | | | | | | | |
| 01:15 | 2 | 51 | 1 | 42 | 3 | 93 | | | | | | | | |
| 01:30 | 0 | 41 | 0 | 50 | 0 | 91 | | | | | | | | |
| 01:45 | 0 | 58 | 195 | 0 | 2 | 44 | 188 | 0 | 4 | 102 | 383 | | | |
| 02:00 | 0 | 54 | 0 | 53 | 0 | 107 | | | | | | | | |
| 02:15 | 0 | 52 | 0 | 62 | 0 | 114 | | | | | | | | |
| 02:30 | 0 | 62 | 0 | 68 | 0 | 130 | | | | | | | | |
| 02:45 | 1 | 75 | 243 | 0 | 0 | 66 | 249 | 1 | 1 | 141 | 492 | | | |
| 03:00 | 1 | 80 | 0 | 67 | 1 | 147 | | | | | | | | |
| 03:15 | 1 | 71 | 1 | 79 | 2 | 150 | | | | | | | | |
| 03:30 | 0 | 71 | 1 | 49 | 1 | 120 | | | | | | | | |
| 03:45 | 0 | 88 | 310 | 2 | 4 | 71 | 266 | 2 | 6 | 159 | 576 | | | |
| 04:00 | 1 | 88 | 0 | 61 | 1 | 149 | | | | | | | | |
| 04:15 | 0 | 112 | 3 | 59 | 3 | 171 | | | | | | | | |
| 04:30 | 0 | 103 | 1 | 70 | 1 | 173 | | | | | | | | |
| 04:45 | 3 | 136 | 439 | 3 | 7 | 81 | 271 | 6 | 11 | 217 | 710 | | | |
| 05:00 | 1 | 117 | 5 | 65 | 6 | 182 | | | | | | | | |
| 05:15 | 1 | 143 | 10 | 60 | 11 | 203 | | | | | | | | |
| 05:30 | 2 | 140 | 6 | 64 | 8 | 204 | | | | | | | | |
| 05:45 | 6 | 139 | 539 | 23 | 44 | 62 | 251 | 29 | 54 | 201 | 790 | | | |
| 06:00 | 6 | 92 | 25 | 62 | 31 | 154 | | | | | | | | |
| 06:15 | 7 | 78 | 31 | 44 | 38 | 122 | | | | | | | | |
| 06:30 | 14 | 52 | 61 | 56 | 75 | 108 | | | | | | | | |
| 06:45 | 28 | 62 | 284 | 110 | 227 | 34 | 196 | 138 | 282 | 96 | 480 | | | |
| 07:00 | 36 | 50 | 102 | 35 | 138 | 85 | | | | | | | | |
| 07:15 | 39 | 44 | 138 | 36 | 177 | 80 | | | | | | | | |
| 07:30 | 58 | 32 | 136 | 36 | 194 | 68 | | | | | | | | |
| 07:45 | 70 | 31 | 157 | 131 | 507 | 22 | 129 | 201 | 710 | 53 | 286 | | | |
| 08:00 | 40 | 22 | 154 | 25 | 194 | 47 | | | | | | | | |
| 08:15 | 48 | 35 | 163 | 21 | 211 | 56 | | | | | | | | |
| 08:30 | 56 | 19 | 137 | 26 | 193 | 45 | | | | | | | | |
| 08:45 | 55 | 199 | 11 | 87 | 145 | 599 | 13 | 85 | 200 | 798 | 24 | 172 | | |
| 09:00 | 54 | 12 | 120 | 12 | 174 | 24 | | | | | | | | |
| 09:15 | 56 | 9 | 81 | 14 | 137 | 23 | | | | | | | | |
| 09:30 | 55 | 8 | 69 | 21 | 124 | 29 | | | | | | | | |
| 09:45 | 48 | 213 | 7 | 36 | 54 | 324 | 15 | 62 | 102 | 537 | 22 | 98 | | |
| 10:00 | 36 | 7 | 67 | 11 | 103 | 18 | | | | | | | | |
| 10:15 | 45 | 4 | 49 | 13 | 94 | 17 | | | | | | | | |
| 10:30 | 41 | 3 | 55 | 5 | 96 | 8 | | | | | | | | |
| 10:45 | 33 | 155 | 3 | 17 | 48 | 219 | 6 | 35 | 81 | 374 | 9 | 52 | | |
| 11:00 | 35 | 4 | 44 | 2 | 79 | 6 | | | | | | | | |
| 11:15 | 41 | 3 | 48 | 1 | 89 | 4 | | | | | | | | |
| 11:30 | 55 | 3 | 52 | 0 | 107 | 3 | | | | | | | | |
| 11:45 | 55 | 186 | 2 | 12 | 53 | 197 | 3 | 6 | 108 | 383 | 5 | 18 | | |
| Total | 1038 | 2535 | 2137 | 1990 | 3175 | 4525 | | | | | | | | |
| Percent | 32.7% | 56.0% | 67.3% | 44.0% | | | | | | | | | | |
| Day Total | | 3573 | | 4127 | | 7700 | | | | | | | | |
| Peak Vol. | 08:30 | - | 05:00 | - | 08:00 | - | 02:30 | - | 07:30 | - | 04:45 | - | - | - |
| P.H.F. | 0.789 | - | 0.942 | - | 0.919 | - | 0.886 | - | 0.948 | - | 0.929 | - | - | - |

Main Street (Route 30)
 west of School Street
 City, State: Southborough, MA
 Client: VHB/ G. Russell



PRECISION
 D A T A
 INDUSTRIES, LLC
 P.O. Box 301 Berlin, MA 01503
 Office: 508.481.3999 Fax: 508.545.1234
 Email: datarequests@pdillc.com

143831 D Volume
 Site Code: 12389.04

| Start Time | WB | | EB | | Combin ed | | 08-May-14 Thu | | | | | | | |
|------------|-------|-------|-------|-------|-----------|------|---------------|-----|-------|-----|-------|----|---|---|
| | A.M. | P.M. | A.M. | P.M. | A.M. | P.M. | | | | | | | | |
| 12:00 | 0 | 67 | 0 | 61 | 0 | 128 | | | | | | | | |
| 12:15 | 3 | 59 | 1 | 57 | 4 | 116 | | | | | | | | |
| 12:30 | 1 | 57 | 2 | 57 | 3 | 114 | | | | | | | | |
| 12:45 | 2 | 42 | 225 | 1 | 4 | 52 | 227 | 3 | 10 | 94 | 452 | | | |
| 01:00 | 2 | 37 | 1 | 49 | 3 | 86 | | | | | | | | |
| 01:15 | 0 | 62 | 2 | 56 | 2 | 118 | | | | | | | | |
| 01:30 | 1 | 44 | 0 | 54 | 1 | 98 | | | | | | | | |
| 01:45 | 1 | 46 | 189 | 0 | 3 | 52 | 211 | 1 | 7 | 98 | 400 | | | |
| 02:00 | 2 | 51 | 0 | 44 | 2 | 95 | | | | | | | | |
| 02:15 | 1 | 65 | 0 | 56 | 1 | 121 | | | | | | | | |
| 02:30 | 0 | 58 | 0 | 55 | 0 | 113 | | | | | | | | |
| 02:45 | 1 | 76 | 250 | 0 | 0 | 71 | 226 | 1 | 4 | 147 | 476 | | | |
| 03:00 | 0 | 64 | 0 | 62 | 0 | 126 | | | | | | | | |
| 03:15 | 1 | 56 | 3 | 65 | 4 | 121 | | | | | | | | |
| 03:30 | 0 | 90 | 1 | 60 | 1 | 150 | | | | | | | | |
| 03:45 | 1 | 82 | 292 | 1 | 5 | 53 | 240 | 2 | 7 | 135 | 532 | | | |
| 04:00 | 1 | 90 | 0 | 49 | 1 | 139 | | | | | | | | |
| 04:15 | 0 | 112 | 3 | 61 | 3 | 173 | | | | | | | | |
| 04:30 | 1 | 107 | 3 | 72 | 4 | 179 | | | | | | | | |
| 04:45 | 2 | 116 | 425 | 0 | 6 | 78 | 260 | 2 | 10 | 194 | 685 | | | |
| 05:00 | 2 | 135 | 5 | 69 | 7 | 204 | | | | | | | | |
| 05:15 | 2 | 135 | 5 | 69 | 7 | 204 | | | | | | | | |
| 05:30 | 3 | 120 | 9 | 63 | 12 | 183 | | | | | | | | |
| 05:45 | 3 | 120 | 510 | 20 | 39 | 60 | 261 | 23 | 49 | 180 | 771 | | | |
| 06:00 | 7 | 64 | 36 | 60 | 43 | 124 | | | | | | | | |
| 06:15 | 7 | 68 | 33 | 47 | 40 | 115 | | | | | | | | |
| 06:30 | 14 | 73 | 34 | 44 | 48 | 117 | | | | | | | | |
| 06:45 | 32 | 55 | 260 | 111 | 214 | 30 | 181 | 143 | 274 | 85 | 441 | | | |
| 07:00 | 41 | 64 | 105 | 45 | 146 | 109 | | | | | | | | |
| 07:15 | 44 | 36 | 130 | 38 | 174 | 74 | | | | | | | | |
| 07:30 | 60 | 34 | 133 | 25 | 193 | 59 | | | | | | | | |
| 07:45 | 75 | 33 | 167 | 137 | 505 | 21 | 129 | 212 | 725 | 54 | 296 | | | |
| 08:00 | 29 | 23 | 161 | 32 | 190 | 55 | | | | | | | | |
| 08:15 | 38 | 20 | 147 | 26 | 185 | 46 | | | | | | | | |
| 08:30 | 56 | 19 | 124 | 14 | 180 | 33 | | | | | | | | |
| 08:45 | 46 | 15 | 77 | 130 | 562 | 16 | 88 | 176 | 731 | 31 | 165 | | | |
| 09:00 | 49 | 12 | 108 | 19 | 157 | 31 | | | | | | | | |
| 09:15 | 34 | 12 | 79 | 15 | 113 | 27 | | | | | | | | |
| 09:30 | 53 | 7 | 72 | 10 | 125 | 17 | | | | | | | | |
| 09:45 | 54 | 9 | 40 | 76 | 335 | 8 | 52 | 130 | 525 | 17 | 92 | | | |
| 10:00 | 42 | 9 | 58 | 16 | 100 | 25 | | | | | | | | |
| 10:15 | 44 | 10 | 53 | 5 | 97 | 15 | | | | | | | | |
| 10:30 | 50 | 5 | 35 | 7 | 85 | 12 | | | | | | | | |
| 10:45 | 48 | 1 | 25 | 47 | 193 | 5 | 33 | 95 | 377 | 6 | 58 | | | |
| 11:00 | 41 | 6 | 44 | 1 | 85 | 7 | | | | | | | | |
| 11:15 | 48 | 3 | 63 | 3 | 111 | 6 | | | | | | | | |
| 11:30 | 54 | 1 | 53 | 1 | 107 | 2 | | | | | | | | |
| 11:45 | 48 | 191 | 1 | 11 | 64 | 224 | 1 | 6 | 112 | 415 | 2 | 17 | | |
| Total | 1044 | 2471 | 2090 | 1914 | 3134 | 4385 | | | | | | | | |
| Percent | 33.3% | 56.4% | 66.7% | 43.6% | | | | | | | | | | |
| Day Total | | 3515 | | 4004 | | 7519 | | | | | | | | |
| Peak | 07:00 | - | 05:00 | - | 07:30 | - | 04:30 | - | 07:30 | - | 04:45 | - | - | - |
| Vol. | 220 | - | 510 | - | 578 | - | 288 | - | 780 | - | 785 | - | - | - |
| P.H.F. | 0.733 | - | 0.944 | - | 0.898 | - | 0.923 | - | 0.920 | - | 0.962 | - | - | - |

Main Street (Route 30)
 west of School Street
 City, State: Southborough, MA
 Client: VHB/ G. Russell



PRECISION
 D A T A
 INDUSTRIES, LLC
 P.O. Box 301 Berlin, MA 01503
 Office: 508.481.3999 Fax: 508.545.1234
 Email: datarequests@pdillc.com

143831 D Class
 Site Code: 12389.04

WB

| Start Time | Bikes | Cars & Trailers | 2 Axle Long | Buses | 2 Axle 6 Tire | 3 Axle Single | 4 Axle Single | <5 Axl Double | 5 Axle Double | >6 Axl Double | <6 Axl Multi | 6 Axle Multi | >6 Axl Multi | Total |
|------------|-------|-----------------|-------------|-------|---------------|---------------|---------------|---------------|---------------|---------------|--------------|--------------|--------------|-------|
| 05/07/1 | | | | | | | | | | | | | | |
| 4 | 0 | 3 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 |
| 01:00 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| 02:00 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 03:00 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| 04:00 | 0 | 2 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |
| 05:00 | 1 | 4 | 2 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 |
| 06:00 | 0 | 32 | 14 | 1 | 7 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 55 |
| 07:00 | 2 | 118 | 67 | 1 | 14 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 203 |
| 08:00 | 1 | 122 | 45 | 3 | 23 | 2 | 0 | 2 | 1 | 0 | 0 | 0 | 0 | 199 |
| 09:00 | 2 | 127 | 63 | 0 | 15 | 3 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 213 |
| 10:00 | 3 | 84 | 49 | 1 | 15 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 155 |
| 11:00 | 4 | 94 | 63 | 2 | 15 | 4 | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 186 |
| 12 PM | 0 | 132 | 66 | 2 | 12 | 1 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 216 |
| 13:00 | 2 | 126 | 45 | 2 | 18 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 195 |
| 14:00 | 3 | 145 | 70 | 3 | 16 | 1 | 0 | 4 | 1 | 0 | 0 | 0 | 0 | 243 |
| 15:00 | 1 | 175 | 93 | 2 | 37 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 310 |
| 16:00 | 6 | 293 | 106 | 1 | 30 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 439 |
| 17:00 | 12 | 388 | 113 | 1 | 20 | 1 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 539 |
| 18:00 | 8 | 188 | 75 | 1 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 284 |
| 19:00 | 5 | 94 | 50 | 0 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157 |
| 20:00 | 0 | 61 | 25 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 87 |
| 21:00 | 0 | 25 | 9 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 36 |
| 22:00 | 0 | 12 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 |
| 23:00 | 0 | 6 | 5 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 |
| Total | 50 | 2232 | 972 | 20 | 253 | 16 | 2 | 25 | 3 | 0 | 0 | 0 | 0 | 3573 |
| Percent | 1.4% | 62.5% | 27.2% | 0.6% | 7.1% | 0.4% | 0.1% | 0.7% | 0.1% | 0.0% | 0.0% | 0.0% | 0.0% | |
| AM Peak | 11:00 | 09:00 | 07:00 | 08:00 | 08:00 | 11:00 | 09:00 | 11:00 | 06:00 | | | | | 09:00 |
| Vol. | 4 | 127 | 67 | 3 | 23 | 4 | 1 | 3 | 1 | | | | | 213 |
| PM Peak | 17:00 | 17:00 | 17:00 | 14:00 | 15:00 | 12:00 | | 14:00 | 14:00 | | | | | 17:00 |
| Vol. | 12 | 388 | 113 | 3 | 37 | 1 | | 4 | 1 | | | | | 539 |

Main Street (Route 30)
 west of School Street
 City, State: Southborough, MA
 Client: VHB/ G. Russell



PRECISION
 D A T A
 INDUSTRIES, LLC

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 Office: 508.481.3999 Fax: 508.545.1234
 Email: datarequests@pdillc.com

143831 D Class
 Site Code: 12389.04

WB

| Start Time | Bikes | Cars & Trailers | 2 Axle Long | Buses | 2 Axle 6 Tire | 3 Axle Single | 4 Axle Single | <5 Axl Double | 5 Axle Double | >6 Axl Double | <6 Axl Multi | 6 Axle Multi | >6 Axl Multi | Total |
|------------|-------|-----------------|-------------|-------|---------------|---------------|---------------|---------------|---------------|---------------|--------------|--------------|--------------|-------|
| 05/08/1 | | | | | | | | | | | | | | |
| 4 | 0 | 3 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 |
| 01:00 | 0 | 2 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |
| 02:00 | 0 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |
| 03:00 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| 04:00 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 4 |
| 05:00 | 0 | 4 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 |
| 06:00 | 0 | 31 | 17 | 1 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 60 |
| 07:00 | 1 | 140 | 55 | 0 | 20 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 220 |
| 08:00 | 0 | 96 | 50 | 1 | 17 | 2 | 0 | 2 | 1 | 0 | 0 | 0 | 0 | 169 |
| 09:00 | 0 | 120 | 51 | 1 | 15 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 190 |
| 10:00 | 4 | 97 | 55 | 3 | 22 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 184 |
| 11:00 | 0 | 109 | 56 | 1 | 18 | 2 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 191 |
| 12 PM | 2 | 121 | 68 | 2 | 31 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 225 |
| 13:00 | 2 | 131 | 40 | 2 | 13 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 189 |
| 14:00 | 1 | 149 | 74 | 2 | 18 | 3 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 250 |
| 15:00 | 1 | 180 | 73 | 1 | 34 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 292 |
| 16:00 | 1 | 287 | 107 | 2 | 26 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 425 |
| 17:00 | 21 | 378 | 90 | 0 | 15 | 2 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 510 |
| 18:00 | 6 | 160 | 81 | 0 | 10 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 260 |
| 19:00 | 0 | 104 | 51 | 2 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 167 |
| 20:00 | 0 | 52 | 19 | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 77 |
| 21:00 | 0 | 29 | 10 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 40 |
| 22:00 | 0 | 18 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25 |
| 23:00 | 0 | 10 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 |
| Total | 39 | 2224 | 917 | 19 | 271 | 18 | 0 | 25 | 2 | 0 | 0 | 0 | 0 | 3515 |
| Percent | 1.1% | 63.3% | 26.1% | 0.5% | 7.7% | 0.5% | 0.0% | 0.7% | 0.1% | 0.0% | 0.0% | 0.0% | 0.0% | |
| AM Peak | 10:00 | 07:00 | 11:00 | 10:00 | 10:00 | 09:00 | | 11:00 | 04:00 | | | | | 07:00 |
| Vol. | 4 | 140 | 56 | 3 | 22 | 3 | | 5 | 1 | | | | | 220 |
| PM Peak | 17:00 | 17:00 | 16:00 | 12:00 | 15:00 | 14:00 | | 17:00 | | | | | | 17:00 |
| Vol. | 21 | 378 | 107 | 2 | 34 | 3 | | 4 | | | | | | 510 |

Main Street (Route 30)
 west of School Street
 City, State: Southborough, MA
 Client: VHB/ G. Russell



PRECISION
 D A T A
 INDUSTRIES, LLC

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143831 D Class
 Site Code: 12389.04

EB

| Start Time | Bikes | Cars & Trailers | 2 Axle Long | Buses | 2 Axle 6 Tire | 3 Axle Single | 4 Axle Single | <5 Axl Double | 5 Axle Double | >6 Axl Double | <6 Axl Multi | 6 Axle Multi | >6 Axl Multi | Total |
|------------|-------|-----------------|-------------|-------|---------------|---------------|---------------|---------------|---------------|---------------|--------------|--------------|--------------|-------|
| 05/07/1 | | | | | | | | | | | | | | |
| 4 | 1 | 1 | 3 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 |
| 01:00 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| 02:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 03:00 | 0 | 2 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |
| 04:00 | 0 | 3 | 3 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 |
| 05:00 | 1 | 17 | 21 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 44 |
| 06:00 | 0 | 97 | 101 | 1 | 27 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 227 |
| 07:00 | 2 | 238 | 219 | 4 | 36 | 1 | 0 | 7 | 0 | 0 | 0 | 0 | 0 | 507 |
| 08:00 | 4 | 330 | 237 | 1 | 25 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 599 |
| 09:00 | 3 | 159 | 132 | 2 | 25 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 324 |
| 10:00 | 3 | 106 | 85 | 2 | 20 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 219 |
| 11:00 | 2 | 95 | 78 | 0 | 21 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 197 |
| 12 PM | 5 | 122 | 102 | 0 | 21 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 252 |
| 13:00 | 0 | 105 | 67 | 0 | 15 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 188 |
| 14:00 | 3 | 127 | 99 | 3 | 15 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 249 |
| 15:00 | 0 | 150 | 97 | 3 | 12 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 266 |
| 16:00 | 4 | 146 | 106 | 5 | 9 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 271 |
| 17:00 | 1 | 174 | 67 | 0 | 8 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 251 |
| 18:00 | 3 | 92 | 89 | 2 | 9 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 196 |
| 19:00 | 2 | 54 | 65 | 0 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 129 |
| 20:00 | 1 | 37 | 41 | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 85 |
| 21:00 | 0 | 30 | 29 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 62 |
| 22:00 | 0 | 16 | 17 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 35 |
| 23:00 | 0 | 2 | 1 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 |
| Total | 35 | 2105 | 1660 | 23 | 274 | 6 | 2 | 20 | 2 | 0 | 0 | 0 | 0 | 4127 |
| Percent | 0.8% | 51.0% | 40.2% | 0.6% | 6.6% | 0.1% | 0.0% | 0.5% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | |
| AM Peak | 08:00 | 08:00 | 08:00 | 07:00 | 07:00 | 10:00 | 08:00 | 07:00 | | | | | | 08:00 |
| Vol. | 4 | 330 | 237 | 4 | 36 | 2 | 1 | 7 | | | | | | 599 |
| PM Peak | 12:00 | 17:00 | 16:00 | 16:00 | 12:00 | 12:00 | 12:00 | 15:00 | 13:00 | | | | | 16:00 |
| Vol. | 5 | 174 | 106 | 5 | 21 | 1 | 1 | 4 | 1 | | | | | 271 |

Main Street (Route 30)
 west of School Street
 City, State: Southborough, MA
 Client: VHB/ G. Russell



PRECISION
 D A T A
 INDUSTRIES, LLC
 P.O. Box 301 Berlin, MA 01503
 Office: 508.481.3999 Fax: 508.545.1234
 Email: datarequests@pdillc.com

143831 D Class
 Site Code: 12389.04

EB

| Start Time | Bikes | Cars & Trailers | 2 Axle Long | Buses | 2 Axle 6 Tire | 3 Axle Single | 4 Axle Single | <5 Axl Double | 5 Axle Double | >6 Axl Double | <6 Axl Multi | 6 Axle Multi | >6 Axl Multi | Total |
|------------|-------|-----------------|-------------|-------|---------------|---------------|---------------|---------------|---------------|---------------|--------------|--------------|--------------|-------|
| 05/08/1 | | | | | | | | | | | | | | |
| 4 | 0 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |
| 01:00 | 0 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| 02:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 03:00 | 0 | 0 | 1 | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 04:00 | 0 | 3 | 2 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 |
| 05:00 | 1 | 18 | 17 | 0 | 2 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 39 |
| 06:00 | 2 | 86 | 98 | 1 | 26 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 214 |
| 07:00 | 7 | 250 | 206 | 3 | 34 | 3 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 505 |
| 08:00 | 1 | 275 | 254 | 0 | 29 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 562 |
| 09:00 | 1 | 156 | 140 | 0 | 32 | 1 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 335 |
| 10:00 | 3 | 95 | 70 | 1 | 23 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 193 |
| 11:00 | 3 | 98 | 96 | 3 | 20 | 1 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 224 |
| 12 PM | 0 | 113 | 97 | 1 | 15 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 227 |
| 13:00 | 1 | 116 | 77 | 0 | 14 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 211 |
| 14:00 | 1 | 126 | 76 | 1 | 18 | 1 | 0 | 2 | 1 | 0 | 0 | 0 | 0 | 226 |
| 15:00 | 1 | 125 | 93 | 3 | 16 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 240 |
| 16:00 | 1 | 141 | 98 | 1 | 18 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 260 |
| 17:00 | 3 | 178 | 66 | 0 | 9 | 1 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 261 |
| 18:00 | 0 | 93 | 78 | 1 | 8 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 181 |
| 19:00 | 0 | 53 | 70 | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 129 |
| 20:00 | 2 | 43 | 34 | 0 | 8 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 88 |
| 21:00 | 0 | 31 | 17 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 52 |
| 22:00 | 0 | 22 | 9 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 33 |
| 23:00 | 0 | 5 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 |
| Total | 27 | 2031 | 1602 | 17 | 287 | 9 | 0 | 27 | 3 | 1 | 0 | 0 | 0 | 4004 |
| Percent | 0.7% | 50.7% | 40.0% | 0.4% | 7.2% | 0.2% | 0.0% | 0.7% | 0.1% | 0.0% | 0.0% | 0.0% | 0.0% | |
| AM Peak | 07:00 | 08:00 | 08:00 | 07:00 | 07:00 | 07:00 | | 09:00 | 10:00 | 06:00 | | | | 08:00 |
| Vol. | 7 | 275 | 254 | 3 | 34 | 3 | | 5 | 1 | 1 | | | | 562 |
| PM Peak | 17:00 | 17:00 | 16:00 | 15:00 | 14:00 | 14:00 | | 17:00 | 12:00 | | | | | 17:00 |
| Vol. | 3 | 178 | 98 | 3 | 18 | 1 | | 4 | 1 | | | | | 261 |

Main Street (Route 30)
 west of School Street
 City, State: Southborough, MA
 Client: VHB/ G. Russell



PRECISION
 D A T A
 INDUSTRIES, LLC

P.O.Box 301 Berlin, MA 01503
 Office: 508.481.3999 Fax: 508.545.1234
 Email: datarequests@pdillc.com

143831 D Speed
 Site Code: 12389.04

WB

| Start Time | 1 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | Total | 85th % ile | Ave Speed |
|------------|------------|-----------|------------|------------|-----------|-----------|----------|------|------|------|------|------|------|------------|------------|-----------|
| 05/07/ | | | | | | | | | | | | | | | | |
| 14 | 0 | 0 | 3 | 2 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 33 | 28 |
| 01:00 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 32 | 29 |
| 02:00 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 28 | 27 |
| 03:00 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 27 | 24 |
| 04:00 | 1 | 0 | 0 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 35 | 22 |
| 05:00 | 2 | 0 | 3 | 2 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 32 | 22 |
| 06:00 | 3 | 1 | 11 | 22 | 15 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 55 | 32 | 26 |
| 07:00 | 4 | 8 | 23 | 98 | 57 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 203 | 32 | 27 |
| 08:00 | 8 | 7 | 38 | 78 | 63 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 199 | 31 | 26 |
| 09:00 | 8 | 16 | 31 | 95 | 59 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 213 | 31 | 25 |
| 10:00 | 10 | 9 | 27 | 64 | 39 | 5 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 155 | 31 | 25 |
| 11:00 | 9 | 9 | 39 | 81 | 44 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 186 | 31 | 25 |
| 12 PM | 7 | 8 | 50 | 90 | 58 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 216 | 31 | 26 |
| 13:00 | 8 | 11 | 41 | 81 | 48 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 195 | 31 | 25 |
| 14:00 | 12 | 24 | 56 | 106 | 43 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 243 | 29 | 24 |
| 15:00 | 4 | 15 | 48 | 160 | 71 | 11 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 310 | 31 | 27 |
| 16:00 | 18 | 22 | 77 | 207 | 98 | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 439 | 31 | 26 |
| 17:00 | 140 | 57 | 173 | 122 | 47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 539 | 26 | 18 |
| 18:00 | 4 | 13 | 35 | 123 | 90 | 18 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 284 | 32 | 27 |
| 19:00 | 1 | 4 | 32 | 59 | 55 | 5 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 157 | 32 | 27 |
| 20:00 | 1 | 3 | 4 | 44 | 34 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 87 | 32 | 28 |
| 21:00 | 0 | 0 | 6 | 14 | 13 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 36 | 33 | 29 |
| 22:00 | 0 | 1 | 3 | 6 | 6 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 32 | 27 |
| 23:00 | 2 | 0 | 1 | 6 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 31 | 23 |
| Total | 242 | 208 | 702 | 1465 | 847 | 105 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 3573 | | |
| % | 6.8% | 5.8% | 19.6% | 41.0% | 23.7% | 2.9% | 0.1% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | | | |
| AM Peak | 10:00 | 09:00 | 11:00 | 07:00 | 08:00 | 07:00 | 10:00 | | | | | | | 09:00 | | |
| Vol. | 10 | 16 | 39 | 98 | 63 | 13 | 1 | | | | | | | 213 | | |
| PM Peak | 17:00 | 17:00 | 17:00 | 16:00 | 16:00 | 18:00 | 15:00 | | | | | | | 17:00 | | |
| Vol. | 140 | 57 | 173 | 207 | 98 | 18 | 1 | | | | | | | 539 | | |

Stats

15th Percentile : 15 MPH
 50th Percentile : 25 MPH
 85th Percentile : 31 MPH
 95th Percentile : 34 MPH

Mean Speed(Average) : 24 MPH
 10 MPH Pace Speed : 23-32 MPH
 Number in Pace : 2094
 Percent in Pace : 58.6%
 Number of Vehicles > 25 MPH : 1947
 Percent of Vehicles > 25 MPH : 54.5%



PRECISION
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Main Street (Route 30)
west of School Street
City, State: Southborough, MA
Client: VHB/ G. Russell

143831 D Speed
Site Code: 12389.04

WB

| Start Time | 1 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | Total | 85th % ile | Ave Speed |
|------------|------------|-----------|------------|------------|------------|-----------|----------|------|------|------|------|------|------|------------|------------|-----------|
| 05/08/ | | | | | | | | | | | | | | | | |
| 14 | 0 | 0 | 1 | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 31 | 28 |
| 01:00 | 0 | 0 | 0 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 36 | 31 |
| 02:00 | 0 | 0 | 2 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 36 | 27 |
| 03:00 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 23 | 22 |
| 04:00 | 0 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 30 | 23 |
| 05:00 | 3 | 0 | 0 | 3 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 32 | 21 |
| 06:00 | 3 | 3 | 11 | 26 | 15 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 60 | 31 | 25 |
| 07:00 | 13 | 10 | 23 | 100 | 63 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 220 | 32 | 26 |
| 08:00 | 5 | 8 | 28 | 76 | 44 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 169 | 31 | 26 |
| 09:00 | 8 | 7 | 35 | 86 | 52 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 190 | 31 | 26 |
| 10:00 | 6 | 10 | 37 | 85 | 40 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 184 | 31 | 25 |
| 11:00 | 8 | 13 | 39 | 87 | 35 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 191 | 30 | 25 |
| 12 PM | 9 | 13 | 46 | 100 | 50 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 225 | 31 | 25 |
| 13:00 | 13 | 13 | 52 | 70 | 37 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 189 | 30 | 24 |
| 14:00 | 7 | 14 | 53 | 114 | 57 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 250 | 30 | 25 |
| 15:00 | 7 | 20 | 53 | 129 | 79 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 292 | 31 | 26 |
| 16:00 | 14 | 11 | 70 | 169 | 131 | 30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 425 | 32 | 27 |
| 17:00 | 187 | 72 | 180 | 42 | 28 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 510 | 23 | 15 |
| 18:00 | 2 | 11 | 47 | 105 | 83 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 260 | 32 | 27 |
| 19:00 | 2 | 5 | 26 | 75 | 49 | 9 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 167 | 32 | 27 |
| 20:00 | 1 | 2 | 10 | 36 | 27 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 77 | 31 | 27 |
| 21:00 | 0 | 3 | 1 | 19 | 13 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 40 | 33 | 28 |
| 22:00 | 0 | 1 | 2 | 11 | 10 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25 | 32 | 28 |
| 23:00 | 0 | 2 | 1 | 4 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 32 | 26 |
| Total | 288 | 219 | 720 | 1344 | 823 | 120 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 3515 | | |
| % | 8.2% | 6.2% | 20.5% | 38.2% | 23.4% | 3.4% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | | | |
| AM Peak | 07:00 | 11:00 | 11:00 | 07:00 | 07:00 | 07:00 | | | | | | | | | 07:00 | |
| Vol. | 13 | 13 | 39 | 100 | 63 | 11 | | | | | | | | 220 | | |
| PM Peak | 17:00 | 17:00 | 17:00 | 16:00 | 16:00 | 16:00 | 19:00 | | | | | | | | 17:00 | |
| Vol. | 187 | 72 | 180 | 169 | 131 | 30 | 1 | | | | | | | 510 | | |

Stats
 15th Percentile : 13 MPH
 50th Percentile : 25 MPH
 85th Percentile : 31 MPH
 95th Percentile : 34 MPH

Mean Speed(Average) : 24 MPH
 10 MPH Pace Speed : 23-32 MPH
 Number in Pace : 1953
 Percent in Pace : 55.6%
 Number of Vehicles > 25 MPH : 1851
 Percent of Vehicles > 25 MPH : 52.7%

Main Street (Route 30)
 west of School Street
 City, State: Southborough, MA
 Client: VHB/ G. Russell



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143831 D Speed
 Site Code: 12389.04

EB

| Start Time | 14 | 15 | 19 | 20 | 24 | 25 | 29 | 30 | 34 | 35 | 39 | 40 | 44 | 45 | 49 | 50 | 54 | 55 | 59 | 60 | 64 | 65 | 69 | 70 | 9999 | Total | 85th % ile | Ave Speed | |
|------------|----------|-----------|-----------|------------|------------|-----------|----------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------------|-------|------------|-----------|--|
| 05/07/ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | 1 | 2 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 23 | 18 | |
| 01:00 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 32 | 27 | |
| 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 | * | * | |
| 03:00 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 35 | 29 | | |
| 04:00 | 0 | 0 | 0 | 1 | 2 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 37 | 34 | | |
| 05:00 | 1 | 4 | 4 | 14 | 15 | 3 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 44 | 34 | 28 | | |
| 06:00 | 2 | 5 | 19 | 93 | 95 | 12 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 227 | 33 | 29 | | |
| 07:00 | 5 | 21 | 69 | 205 | 169 | 34 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 507 | 32 | 28 | | |
| 08:00 | 8 | 15 | 96 | 296 | 159 | 24 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 599 | 31 | 27 | | |
| 09:00 | 3 | 11 | 48 | 160 | 86 | 15 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 324 | 32 | 27 | | |
| 10:00 | 4 | 25 | 31 | 94 | 56 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 219 | 31 | 25 | | |
| 11:00 | 1 | 1 | 37 | 96 | 51 | 9 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 197 | 32 | 28 | | |
| 12 PM | 9 | 15 | 56 | 104 | 64 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 252 | 31 | 25 | | |
| 13:00 | 4 | 15 | 52 | 66 | 41 | 9 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 188 | 31 | 25 | | |
| 14:00 | 8 | 19 | 78 | 95 | 42 | 6 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 249 | 30 | 24 | | |
| 15:00 | 7 | 20 | 62 | 111 | 56 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 266 | 31 | 25 | | |
| 16:00 | 7 | 25 | 66 | 122 | 45 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 271 | 30 | 25 | | |
| 17:00 | 3 | 19 | 89 | 103 | 34 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 251 | 29 | 24 | | |
| 18:00 | 3 | 11 | 30 | 68 | 73 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 196 | 32 | 27 | | |
| 19:00 | 0 | 8 | 29 | 52 | 32 | 7 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 129 | 32 | 27 | | |
| 20:00 | 1 | 3 | 11 | 40 | 26 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 85 | 32 | 27 | | |
| 21:00 | 0 | 1 | 9 | 30 | 16 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 62 | 33 | 28 | | |
| 22:00 | 0 | 0 | 6 | 13 | 14 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 35 | 33 | 29 | | |
| 23:00 | 0 | 0 | 3 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 29 | 25 | | |
| Total | 67 | 220 | 800 | 1767 | 1079 | 177 | 16 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4127 | | | | |
| % | 1.6% | 5.3% | 19.4% | 42.8% | 26.1% | 4.3% | 0.4% | 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% | 0.0% | 0.0% | 0.0% | | | | | |
| AM Peak | 08:00 | 10:00 | 08:00 | 08:00 | 07:00 | 07:00 | 07:00 | 05:00 | | | | | | | | | | | | | | | | | | 08:00 | | | |
| Vol. | 8 | 25 | 96 | 296 | 169 | 34 | 4 | 1 | | | | | | | | | | | | | | | | | | 599 | | | |
| PM Peak | 12:00 | 16:00 | 17:00 | 16:00 | 18:00 | 18:00 | 12:00 | | | | | | | | | | | | | | | | | | | 16:00 | | | |
| Vol. | 9 | 25 | 89 | 122 | 73 | 11 | 1 | | | | | | | | | | | | | | | | | | | 271 | | | |

Stats

15th Percentile : 20 MPH
 50th Percentile : 26 MPH
 85th Percentile : 31 MPH
 95th Percentile : 34 MPH

Mean Speed(Average) : 26 MPH
 10 MPH Pace Speed : 23-32 MPH
 Number in Pace : 2634
 Percent in Pace : 63.8%
 Number of Vehicles > 25 MPH : 2518
 Percent of Vehicles > 25 MPH : 61.0%

Main Street (Route 30)
 west of School Street
 City, State: Southborough, MA
 Client: VHB/ G. Russell



PRECISION
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 INDUSTRIES, LLC

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 Email: datarequests@pdillc.com

143831 D Speed
 Site Code: 12389.04

EB

| Start Time | 1 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | Total | 85th % ile | Ave Speed |
|------------|-----------|-----------|------------|------------|------------|-----------|----------|-------|------|------|------|------|------|------------|------------|-----------|
| | 14 | 19 | 24 | 29 | 34 | 39 | 44 | 49 | 54 | 59 | 64 | 69 | 9999 | | | |
| 05/08/ | | | | | | | | | | | | | | | | |
| 14 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 33 | 32 |
| 01:00 | 0 | 0 | 1 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 33 | 29 |
| 02:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * | * |
| 03:00 | 0 | 1 | 1 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 31 | 25 |
| 04:00 | 0 | 0 | 0 | 2 | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 37 | 33 |
| 05:00 | 0 | 3 | 6 | 6 | 20 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 39 | 33 | 28 |
| 06:00 | 1 | 8 | 23 | 71 | 88 | 20 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 214 | 33 | 29 |
| 07:00 | 14 | 18 | 71 | 236 | 146 | 19 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 505 | 31 | 27 |
| 08:00 | 6 | 10 | 67 | 263 | 187 | 25 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 562 | 32 | 28 |
| 09:00 | 0 | 16 | 56 | 157 | 89 | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 335 | 32 | 27 |
| 10:00 | 2 | 6 | 39 | 99 | 34 | 12 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 193 | 31 | 27 |
| 11:00 | 2 | 12 | 49 | 110 | 44 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 224 | 30 | 26 |
| 12 PM | 4 | 15 | 50 | 101 | 51 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 227 | 31 | 26 |
| 13:00 | 1 | 12 | 43 | 82 | 64 | 8 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 211 | 32 | 27 |
| 14:00 | 9 | 18 | 44 | 118 | 31 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 226 | 29 | 24 |
| 15:00 | 4 | 12 | 48 | 112 | 56 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 240 | 31 | 26 |
| 16:00 | 3 | 18 | 61 | 94 | 74 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 260 | 31 | 26 |
| 17:00 | 8 | 31 | 106 | 85 | 28 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 261 | 28 | 23 |
| 18:00 | 2 | 7 | 50 | 65 | 46 | 9 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 181 | 32 | 27 |
| 19:00 | 1 | 4 | 19 | 53 | 39 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 129 | 33 | 28 |
| 20:00 | 1 | 3 | 17 | 33 | 27 | 6 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 88 | 32 | 27 |
| 21:00 | 1 | 0 | 12 | 21 | 16 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 52 | 32 | 27 |
| 22:00 | 0 | 3 | 6 | 14 | 9 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 33 | 31 | 26 |
| 23:00 | 0 | 0 | 0 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 32 | 30 |
| Total | 59 | 197 | 769 | 1726 | 1061 | 178 | 13 | 1 | 0 | 0 | 0 | 0 | 0 | 4004 | | |
| % | 1.5% | 4.9% | 19.2% | 43.1% | 26.5% | 4.4% | 0.3% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | | | |
| AM Peak | 07:00 | 07:00 | 07:00 | 08:00 | 08:00 | 08:00 | 08:00 | 06:00 | | | | | | 08:00 | | |
| Vol. | 14 | 18 | 71 | 263 | 187 | 25 | 4 | 1 | | | | | | 562 | | |
| PM Peak | 14:00 | 17:00 | 17:00 | 14:00 | 16:00 | 19:00 | 18:00 | | | | | | | 17:00 | | |
| Vol. | 9 | 31 | 106 | 118 | 74 | 13 | 2 | | | | | | | 261 | | |

Stats
 15th Percentile : 20 MPH
 50th Percentile : 26 MPH
 85th Percentile : 31 MPH
 95th Percentile : 34 MPH

Mean Speed(Average) : 27 MPH
 10 MPH Pace Speed : 23-32 MPH
 Number in Pace : 2580
 Percent in Pace : 64.4%
 Number of Vehicles > 25 MPH : 2473
 Percent of Vehicles > 25 MPH : 61.8%

Main Street (Route 30)
 west of Sears Road
 City, State: Southborough, MA
 Client: VHB/ G. Russell



PRECISION
 D A T A
 INDUSTRIES, LLC
 P.O. Box 301 Berlin, MA 01503
 Office: 508.481.3999 Fax: 508.545.1234
 Email: datarequests@pdillc.com

143831 E Volume
 Site Code: 12389.04

| Start Time | EB | | WB | | Combin ed | | 07-May-14 Wed | | | | | |
|------------|-------|------|-------|------|-----------|------|---------------|-----|-------|-----|-------|------|
| | A.M. | P.M. | A.M. | P.M. | A.M. | P.M. | | | | | | |
| 12:00 | 2 | 53 | 6 | 44 | 8 | 97 | | | | | | |
| 12:15 | 1 | 44 | 3 | 43 | 4 | 87 | | | | | | |
| 12:30 | 0 | 42 | 2 | 31 | 2 | 73 | | | | | | |
| 12:45 | 1 | 4 | 43 | 182 | 4 | 15 | 46 | 164 | 5 | 19 | 89 | 346 |
| 01:00 | 1 | | 41 | | 1 | | 48 | | 2 | | 89 | |
| 01:15 | 0 | | 40 | | 2 | | 48 | | 2 | | 88 | |
| 01:30 | 1 | | 38 | | 0 | | 33 | | 1 | | 71 | |
| 01:45 | 0 | 2 | 54 | 173 | 0 | 3 | 38 | 167 | 0 | 5 | 92 | 340 |
| 02:00 | 0 | | 74 | | 0 | | 41 | | 0 | | 115 | |
| 02:15 | 0 | | 52 | | 0 | | 56 | | 0 | | 108 | |
| 02:30 | 0 | | 51 | | 0 | | 80 | | 0 | | 131 | |
| 02:45 | 1 | 1 | 77 | 254 | 1 | 1 | 47 | 224 | 2 | 2 | 124 | 478 |
| 03:00 | 1 | | 79 | | 0 | | 87 | | 1 | | 166 | |
| 03:15 | 0 | | 68 | | 1 | | 72 | | 1 | | 140 | |
| 03:30 | 1 | | 64 | | 0 | | 80 | | 1 | | 144 | |
| 03:45 | 2 | 4 | 60 | 271 | 0 | 1 | 90 | 329 | 2 | 5 | 150 | 600 |
| 04:00 | 1 | | 73 | | 0 | | 102 | | 1 | | 175 | |
| 04:15 | 5 | | 77 | | 0 | | 134 | | 5 | | 211 | |
| 04:30 | 1 | | 73 | | 0 | | 145 | | 1 | | 218 | |
| 04:45 | 5 | 12 | 89 | 312 | 2 | 2 | 143 | 524 | 7 | 14 | 232 | 836 |
| 05:00 | 5 | | 79 | | 5 | | 146 | | 10 | | 225 | |
| 05:15 | 6 | | 91 | | 3 | | 182 | | 9 | | 273 | |
| 05:30 | 12 | | 70 | | 6 | | 201 | | 18 | | 271 | |
| 05:45 | 21 | 44 | 90 | 330 | 4 | 18 | 189 | 718 | 25 | 62 | 279 | 1048 |
| 06:00 | 28 | | 68 | | 7 | | 165 | | 35 | | 233 | |
| 06:15 | 40 | | 68 | | 10 | | 91 | | 50 | | 159 | |
| 06:30 | 60 | | 47 | | 21 | | 64 | | 81 | | 111 | |
| 06:45 | 100 | 228 | 49 | 232 | 68 | 106 | 60 | 380 | 168 | 334 | 109 | 612 |
| 07:00 | 109 | | 44 | | 52 | | 40 | | 161 | | 84 | |
| 07:15 | 154 | | 47 | | 42 | | 48 | | 196 | | 95 | |
| 07:30 | 191 | | 20 | | 62 | | 75 | | 253 | | 95 | |
| 07:45 | 166 | 620 | 31 | 142 | 80 | 236 | 30 | 193 | 246 | 856 | 61 | 335 |
| 08:00 | 133 | | 39 | | 70 | | 25 | | 203 | | 64 | |
| 08:15 | 132 | | 22 | | 55 | | 34 | | 187 | | 56 | |
| 08:30 | 139 | | 21 | | 58 | | 27 | | 197 | | 48 | |
| 08:45 | 113 | 517 | 20 | 102 | 76 | 259 | 19 | 105 | 189 | 776 | 39 | 207 |
| 09:00 | 76 | | 18 | | 49 | | 13 | | 125 | | 31 | |
| 09:15 | 55 | | 13 | | 51 | | 13 | | 106 | | 26 | |
| 09:30 | 55 | | 12 | | 34 | | 11 | | 89 | | 23 | |
| 09:45 | 49 | 235 | 10 | 53 | 41 | 175 | 13 | 50 | 90 | 410 | 23 | 103 |
| 10:00 | 50 | | 11 | | 41 | | 10 | | 91 | | 21 | |
| 10:15 | 56 | | 10 | | 28 | | 10 | | 84 | | 20 | |
| 10:30 | 43 | | 5 | | 46 | | 9 | | 89 | | 14 | |
| 10:45 | 37 | 186 | 1 | 27 | 40 | 155 | 8 | 37 | 77 | 341 | 9 | 64 |
| 11:00 | 35 | | 4 | | 23 | | 4 | | 58 | | 8 | |
| 11:15 | 41 | | 0 | | 34 | | 5 | | 75 | | 5 | |
| 11:30 | 44 | | 3 | | 37 | | 5 | | 81 | | 8 | |
| 11:45 | 47 | 167 | 3 | 10 | 45 | 139 | 1 | 15 | 92 | 306 | 4 | 25 |
| Total | 2020 | | 2088 | | 1110 | | 2906 | | 3130 | | 4994 | |
| Percent | 64.5% | | 41.8% | | 35.5% | | 58.2% | | | | | |
| Day Total | | 4108 | | | 4016 | | | | 8124 | | | |
| Peak Vol. | 07:15 | - | 04:30 | - | 07:30 | - | 05:15 | - | 07:15 | - | 05:15 | - |
| P.H.F. | 644 | - | 332 | - | 267 | - | 737 | - | 898 | - | 1056 | - |
| | 0.843 | | 0.912 | | 0.834 | | 0.917 | | 0.887 | | 0.946 | |

Main Street (Route 30)
 west of Sears Road
 City, State: Southborough, MA
 Client: VHB/ G. Russell



PRECISION
 D A T A
 INDUSTRIES, LLC
 P.O. Box 301 Berlin, MA 01503
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 Email: datarequests@pdillc.com

143831 E Volume
 Site Code: 12389.04

| Start Time | EB | | WB | | Combin ed | | 08-May-14 Thu | | | | | | | |
|------------|-------|-------|-------|-------|-----------|------|---------------|-----|-------|-----|-------|------|---|---|
| | A.M. | P.M. | A.M. | P.M. | A.M. | P.M. | | | | | | | | |
| 12:00 | 2 | 39 | 2 | 41 | 4 | 80 | | | | | | | | |
| 12:15 | 1 | 51 | 2 | 40 | 3 | 91 | | | | | | | | |
| 12:30 | 1 | 53 | 4 | 41 | 5 | 94 | | | | | | | | |
| 12:45 | 1 | 34 | 177 | 1 | 9 | 40 | 162 | 14 | 74 | 339 | | | | |
| 01:00 | 2 | 34 | 2 | 31 | 4 | 65 | | | | | | | | |
| 01:15 | 4 | 42 | 0 | 43 | 4 | 85 | | | | | | | | |
| 01:30 | 0 | 33 | 1 | 46 | 1 | 79 | | | | | | | | |
| 01:45 | 0 | 37 | 146 | 3 | 6 | 33 | 153 | 3 | 12 | 70 | 299 | | | |
| 02:00 | 0 | 61 | 1 | 54 | 1 | 115 | | | | | | | | |
| 02:15 | 1 | 73 | 0 | 52 | 1 | 125 | | | | | | | | |
| 02:30 | 0 | 51 | 1 | 79 | 1 | 130 | | | | | | | | |
| 02:45 | 0 | 1 | 62 | 247 | 0 | 2 | 60 | 245 | 0 | 3 | 122 | 492 | | |
| 03:00 | 2 | 61 | 0 | 88 | 2 | 149 | | | | | | | | |
| 03:15 | 0 | 58 | 1 | 80 | 1 | 138 | | | | | | | | |
| 03:30 | 2 | 72 | 0 | 63 | 2 | 135 | | | | | | | | |
| 03:45 | 0 | 4 | 61 | 252 | 0 | 1 | 113 | 344 | 0 | 5 | 174 | 596 | | |
| 04:00 | 2 | 59 | 0 | 103 | 2 | 162 | | | | | | | | |
| 04:15 | 2 | 75 | 1 | 105 | 3 | 180 | | | | | | | | |
| 04:30 | 3 | 76 | 1 | 131 | 4 | 207 | | | | | | | | |
| 04:45 | 3 | 10 | 108 | 318 | 2 | 4 | 115 | 454 | 5 | 14 | 223 | 772 | | |
| 05:00 | 7 | 110 | 3 | 158 | 10 | 268 | | | | | | | | |
| 05:15 | 2 | 116 | 4 | 152 | 6 | 268 | | | | | | | | |
| 05:30 | 20 | 99 | 4 | 134 | 24 | 233 | | | | | | | | |
| 05:45 | 25 | 54 | 77 | 402 | 5 | 16 | 181 | 625 | 30 | 70 | 258 | 1027 | | |
| 06:00 | 34 | 60 | 6 | 82 | 40 | 142 | | | | | | | | |
| 06:15 | 29 | 65 | 8 | 77 | 37 | 142 | | | | | | | | |
| 06:30 | 51 | 52 | 20 | 73 | 71 | 125 | | | | | | | | |
| 06:45 | 101 | 215 | 37 | 214 | 64 | 98 | 58 | 290 | 165 | 313 | 95 | 504 | | |
| 07:00 | 111 | 38 | 63 | 67 | 174 | 105 | | | | | | | | |
| 07:15 | 145 | 47 | 35 | 54 | 180 | 101 | | | | | | | | |
| 07:30 | 154 | 41 | 69 | 40 | 223 | 81 | | | | | | | | |
| 07:45 | 172 | 582 | 53 | 179 | 89 | 256 | 47 | 208 | 261 | 838 | 100 | 387 | | |
| 08:00 | 115 | 37 | 61 | 54 | 176 | 91 | | | | | | | | |
| 08:15 | 118 | 25 | 50 | 37 | 168 | 62 | | | | | | | | |
| 08:30 | 138 | 28 | 51 | 28 | 189 | 56 | | | | | | | | |
| 08:45 | 106 | 477 | 19 | 109 | 72 | 234 | 26 | 145 | 178 | 711 | 45 | 254 | | |
| 09:00 | 83 | 19 | 48 | 24 | 131 | 43 | | | | | | | | |
| 09:15 | 62 | 16 | 30 | 18 | 92 | 34 | | | | | | | | |
| 09:30 | 57 | 9 | 34 | 13 | 91 | 22 | | | | | | | | |
| 09:45 | 49 | 251 | 18 | 62 | 44 | 156 | 12 | 67 | 93 | 407 | 30 | 129 | | |
| 10:00 | 42 | 5 | 33 | 9 | 75 | 14 | | | | | | | | |
| 10:15 | 33 | 5 | 28 | 17 | 61 | 22 | | | | | | | | |
| 10:30 | 30 | 5 | 23 | 8 | 53 | 13 | | | | | | | | |
| 10:45 | 33 | 138 | 7 | 22 | 35 | 119 | 6 | 40 | 68 | 257 | 13 | 62 | | |
| 11:00 | 46 | 3 | 29 | 5 | 75 | 8 | | | | | | | | |
| 11:15 | 51 | 2 | 36 | 6 | 87 | 8 | | | | | | | | |
| 11:30 | 38 | 1 | 50 | 3 | 88 | 4 | | | | | | | | |
| 11:45 | 42 | 177 | 3 | 9 | 44 | 159 | 4 | 18 | 86 | 336 | 7 | 27 | | |
| Total | 1920 | 2137 | 1060 | 2751 | 2980 | 4888 | | | | | | | | |
| Percent | 64.4% | 43.7% | 35.6% | 56.3% | | | | | | | | | | |
| Day Total | | 4057 | | 3811 | | 7868 | | | | | | | | |
| Peak | 07:15 | - | 04:45 | - | 07:30 | - | 05:00 | - | 07:15 | - | 05:00 | - | - | - |
| Vol. | 586 | - | 433 | - | 269 | - | 625 | - | 840 | - | 1027 | - | - | - |
| P.H.F. | 0.852 | - | 0.933 | - | 0.756 | - | 0.863 | - | 0.805 | - | 0.958 | - | - | - |



PRECISION
D A T A
INDUSTRIES, LLC

P.O. Box 301 Berlin, MA 01503
Office: 508.481.3999 Fax: 508.545.1234
Email: datarequests@pdillc.com

Main Street (Route 30)
west of Sears Road
City, State: Southborough, MA
Client: VHB/ G. Russell

143831 E Class
Site Code: 12389.04

EB

| Start Time | Bikes | Cars & Trailers | 2 Axle Long | Buses | 2 Axle 6 Tire | 3 Axle Single | 4 Axle Single | <5 Axl Double | 5 Axle Double | >6 Axl Double | <6 Axl Multi | 6 Axle Multi | >6 Axl Multi | Total |
|------------|-------|-----------------|-------------|-------|---------------|---------------|---------------|---------------|---------------|---------------|--------------|--------------|--------------|-------|
| 05/07/1 | | | | | | | | | | | | | | |
| 4 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |
| 01:00 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| 02:00 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 03:00 | 0 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |
| 04:00 | 0 | 9 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 |
| 05:00 | 1 | 35 | 7 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 44 |
| 06:00 | 0 | 178 | 30 | 2 | 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 228 |
| 07:00 | 6 | 482 | 97 | 6 | 25 | 1 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 620 |
| 08:00 | 2 | 409 | 87 | 2 | 16 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 517 |
| 09:00 | 2 | 174 | 45 | 2 | 10 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 235 |
| 10:00 | 2 | 125 | 44 | 0 | 13 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 186 |
| 11:00 | 2 | 113 | 37 | 0 | 13 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 167 |
| 12 PM | 4 | 128 | 38 | 1 | 9 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 182 |
| 13:00 | 1 | 126 | 32 | 0 | 13 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 173 |
| 14:00 | 2 | 191 | 38 | 3 | 18 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 254 |
| 15:00 | 2 | 206 | 51 | 2 | 9 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 271 |
| 16:00 | 6 | 233 | 64 | 3 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 312 |
| 17:00 | 4 | 274 | 42 | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 330 |
| 18:00 | 4 | 167 | 51 | 0 | 8 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 232 |
| 19:00 | 1 | 118 | 18 | 0 | 4 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 142 |
| 20:00 | 0 | 86 | 15 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 102 |
| 21:00 | 1 | 45 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 53 |
| 22:00 | 0 | 23 | 3 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 27 |
| 23:00 | 1 | 4 | 4 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 |
| Total | 41 | 3135 | 715 | 21 | 176 | 10 | 0 | 8 | 2 | 0 | 0 | 0 | 0 | 4108 |
| Percent | 1.0% | 76.3% | 17.4% | 0.5% | 4.3% | 0.2% | 0.0% | 0.2% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | |
| AM Peak | 07:00 | 07:00 | 07:00 | 07:00 | 07:00 | 11:00 | | 07:00 | | | | | | 07:00 |
| Vol. | 6 | 482 | 97 | 6 | 25 | 2 | | 3 | | | | | | 620 |
| PM Peak | 16:00 | 17:00 | 16:00 | 14:00 | 14:00 | 12:00 | | 14:00 | 15:00 | | | | | 17:00 |
| Vol. | 6 | 274 | 64 | 3 | 18 | 2 | | 1 | 1 | | | | | 330 |

Main Street (Route 30)
 west of Sears Road
 City, State: Southborough, MA
 Client: VHB/ G. Russell



PRECISION
 D A T A
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143831 E Class
 Site Code: 12389.04

EB

| Start Time | Bikes | Cars & Trailers | 2 Axle Long | Buses | 2 Axle 6 Tire | 3 Axle Single | 4 Axle Single | <5 Axl Double | 5 Axle Double | >6 Axl Double | <6 Axl Multi | 6 Axle Multi | >6 Axl Multi | Total |
|------------|-------|-----------------|-------------|-------|---------------|---------------|---------------|---------------|---------------|---------------|--------------|--------------|--------------|-------|
| 05/08/1 | | | | | | | | | | | | | | |
| 4 | 0 | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 01:00 | 0 | 5 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 |
| 02:00 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 03:00 | 0 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |
| 04:00 | 0 | 9 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 |
| 05:00 | 1 | 42 | 9 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 54 |
| 06:00 | 1 | 170 | 28 | 2 | 13 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 215 |
| 07:00 | 5 | 462 | 93 | 6 | 13 | 1 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 582 |
| 08:00 | 0 | 381 | 78 | 2 | 15 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 477 |
| 09:00 | 3 | 188 | 46 | 0 | 12 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 251 |
| 10:00 | 0 | 99 | 30 | 0 | 8 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 138 |
| 11:00 | 0 | 122 | 41 | 3 | 10 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 177 |
| 12 PM | 0 | 132 | 35 | 1 | 6 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 177 |
| 13:00 | 1 | 108 | 33 | 2 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 146 |
| 14:00 | 0 | 171 | 52 | 7 | 16 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 247 |
| 15:00 | 2 | 189 | 47 | 2 | 10 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 252 |
| 16:00 | 4 | 239 | 59 | 1 | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 318 |
| 17:00 | 4 | 332 | 57 | 0 | 8 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 402 |
| 18:00 | 0 | 165 | 42 | 1 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 214 |
| 19:00 | 1 | 135 | 39 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 179 |
| 20:00 | 0 | 83 | 23 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 109 |
| 21:00 | 0 | 53 | 8 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 62 |
| 22:00 | 0 | 20 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22 |
| 23:00 | 0 | 7 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 |
| Total | 22 | 3119 | 726 | 27 | 146 | 3 | 0 | 14 | 0 | 0 | 0 | 0 | 0 | 4057 |
| Percent | 0.5% | 76.9% | 17.9% | 0.7% | 3.6% | 0.1% | 0.0% | 0.3% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | |
| AM Peak | 07:00 | 07:00 | 07:00 | 07:00 | 08:00 | 06:00 | | 07:00 | | | | | | 07:00 |
| Vol. | 5 | 462 | 93 | 6 | 15 | 1 | | 2 | | | | | | 582 |
| PM Peak | 16:00 | 17:00 | 16:00 | 14:00 | 14:00 | | | 12:00 | | | | | | 17:00 |
| Vol. | 4 | 332 | 59 | 7 | 16 | | | 3 | | | | | | 402 |

Main Street (Route 30)
 west of Sears Road
 City, State: Southborough, MA
 Client: VHB/ G. Russell



PRECISION
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 INDUSTRIES, LLC

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143831 E Class
 Site Code: 12389.04

WB

| Start Time | Bikes | Cars & Trailers | 2 Axle Long | Buses | 2 Axle 6 Tire | 3 Axle Single | 4 Axle Single | <5 Axl Double | 5 Axle Double | >6 Axl Double | <6 Axl Multi | 6 Axle Multi | >6 Axl Multi | Total |
|------------|-------|-----------------|-------------|-------|---------------|---------------|---------------|---------------|---------------|---------------|--------------|--------------|--------------|-------|
| 05/07/1 | | | | | | | | | | | | | | |
| 4 | 0 | 12 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 |
| 01:00 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| 02:00 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 03:00 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 04:00 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| 05:00 | 1 | 13 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 |
| 06:00 | 1 | 83 | 16 | 1 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 106 |
| 07:00 | 3 | 198 | 22 | 0 | 11 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 236 |
| 08:00 | 0 | 224 | 25 | 5 | 4 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 259 |
| 09:00 | 2 | 139 | 25 | 0 | 8 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 175 |
| 10:00 | 1 | 122 | 25 | 0 | 5 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 155 |
| 11:00 | 2 | 114 | 16 | 0 | 4 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 139 |
| 12 PM | 0 | 139 | 19 | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 164 |
| 13:00 | 3 | 137 | 18 | 0 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 167 |
| 14:00 | 6 | 182 | 28 | 1 | 6 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 224 |
| 15:00 | 0 | 273 | 44 | 3 | 8 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 329 |
| 16:00 | 2 | 464 | 47 | 3 | 6 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 524 |
| 17:00 | 3 | 648 | 56 | 1 | 8 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 718 |
| 18:00 | 5 | 353 | 15 | 1 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 380 |
| 19:00 | 4 | 170 | 18 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 193 |
| 20:00 | 0 | 100 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 105 |
| 21:00 | 0 | 49 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 50 |
| 22:00 | 0 | 34 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 37 |
| 23:00 | 0 | 14 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 |
| Total | 33 | 3474 | 391 | 15 | 88 | 2 | 1 | 9 | 1 | 2 | 0 | 0 | 0 | 4016 |
| Percent | 0.8% | 86.5% | 9.7% | 0.4% | 2.2% | 0.0% | 0.0% | 0.2% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | |
| AM Peak | 07:00 | 08:00 | 08:00 | 08:00 | 07:00 | 10:00 | 09:00 | 07:00 | 11:00 | 11:00 | | | | 08:00 |
| Vol. | 3 | 224 | 25 | 5 | 11 | 2 | 1 | 2 | 1 | 1 | | | | 259 |
| PM Peak | 14:00 | 17:00 | 17:00 | 15:00 | 13:00 | | | 16:00 | | 17:00 | | | | 17:00 |
| Vol. | 6 | 648 | 56 | 3 | 9 | | | 2 | | 1 | | | | 718 |

Main Street (Route 30)
 west of Sears Road
 City, State: Southborough, MA
 Client: VHB/ G. Russell



PRECISION
 D A T A
 INDUSTRIES, LLC
 P.O. Box 301 Berlin, MA 01503
 Office: 508.481.3999 Fax: 508.545.1234
 Email: datarequests@pdillc.com

143831 E Class
 Site Code: 12389.04

WB

| Start Time | Bikes | Cars & Trailers | 2 Axle Long | Buses | 2 Axle 6 Tire | 3 Axle Single | 4 Axle Single | <5 Axl Double | 5 Axle Double | >6 Axl Double | <6 Axl Multi | 6 Axle Multi | >6 Axl Multi | Total |
|------------|-------|-----------------|-------------|-------|---------------|---------------|---------------|---------------|---------------|---------------|--------------|--------------|--------------|-------|
| 05/08/1 | | | | | | | | | | | | | | |
| 4 | 0 | 6 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 |
| 01:00 | 0 | 5 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 |
| 02:00 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| 03:00 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 04:00 | 0 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |
| 05:00 | 0 | 14 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 |
| 06:00 | 3 | 74 | 13 | 2 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 98 |
| 07:00 | 2 | 220 | 29 | 0 | 4 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 256 |
| 08:00 | 1 | 193 | 30 | 1 | 6 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 234 |
| 09:00 | 0 | 132 | 13 | 0 | 9 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 156 |
| 10:00 | 2 | 93 | 18 | 0 | 3 | 0 | 0 | 2 | 1 | 0 | 0 | 0 | 0 | 119 |
| 11:00 | 0 | 132 | 17 | 1 | 6 | 1 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 159 |
| 12 PM | 2 | 130 | 24 | 0 | 4 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 162 |
| 13:00 | 0 | 129 | 16 | 1 | 5 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 153 |
| 14:00 | 1 | 211 | 23 | 3 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 245 |
| 15:00 | 1 | 289 | 39 | 4 | 10 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 344 |
| 16:00 | 2 | 398 | 45 | 4 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 454 |
| 17:00 | 4 | 559 | 53 | 0 | 5 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 625 |
| 18:00 | 3 | 270 | 15 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 290 |
| 19:00 | 0 | 189 | 16 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 208 |
| 20:00 | 0 | 135 | 6 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 145 |
| 21:00 | 0 | 65 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 67 |
| 22:00 | 0 | 35 | 3 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 40 |
| 23:00 | 0 | 17 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 |
| Total | 21 | 3301 | 370 | 17 | 81 | 8 | 0 | 12 | 1 | 0 | 0 | 0 | 0 | 3811 |
| Percent | 0.6% | 86.6% | 9.7% | 0.4% | 2.1% | 0.2% | 0.0% | 0.3% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | |
| AM Peak | 06:00 | 07:00 | 08:00 | 06:00 | 09:00 | 08:00 | | 10:00 | 10:00 | | | | | 07:00 |
| Vol. | 3 | 220 | 30 | 2 | 9 | 2 | | 2 | 1 | | | | | 256 |
| PM Peak | 17:00 | 17:00 | 17:00 | 15:00 | 15:00 | 12:00 | | 17:00 | | | | | | 17:00 |
| Vol. | 4 | 559 | 53 | 4 | 10 | 2 | | 4 | | | | | | 625 |

Main Street (Route 30)
 west of Sears Road
 City, State: Southborough, MA
 Client: VHB/ G. Russell



PRECISION
 DATA
 INDUSTRIES, LLC
 P.O. Box 301 Berlin, MA 01503
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 Email: datarequests@pdillc.com

143831 E Speed
 Site Code: 12389.04

EB

| Start Time | 14 | 15 19 | 20 24 | 25 29 | 30 34 | 35 39 | 40 44 | 45 49 | 50 54 | 55 59 | 60 64 | 65 69 | 70 9999 | Total | 85th % ile | Ave Speed |
|------------|------|----------|----------|-----------|-----------|------------|------------|-----------|----------|----------|----------|-------|---------|------------|------------|-----------|
| 05/07/ | | | | | | | | | | | | | | | | |
| 14 | 0 | 0 | 0 | 0 | 1 | 0 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 4 | 45 | 41 |
| 01:00 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 38 | 37 |
| 02:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 48 | 47 |
| 03:00 | 0 | 0 | 0 | 0 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 41 | 36 |
| 04:00 | 0 | 0 | 0 | 0 | 0 | 3 | 7 | 1 | 1 | 0 | 0 | 0 | 0 | 12 | 45 | 42 |
| 05:00 | 0 | 0 | 0 | 0 | 7 | 15 | 17 | 3 | 2 | 0 | 0 | 0 | 0 | 44 | 44 | 39 |
| 06:00 | 0 | 0 | 0 | 2 | 18 | 135 | 60 | 12 | 1 | 0 | 0 | 0 | 0 | 228 | 42 | 38 |
| 07:00 | 0 | 0 | 6 | 14 | 84 | 334 | 163 | 19 | 0 | 0 | 0 | 0 | 0 | 620 | 41 | 38 |
| 08:00 | 0 | 0 | 0 | 0 | 55 | 250 | 191 | 20 | 1 | 0 | 0 | 0 | 0 | 517 | 42 | 39 |
| 09:00 | 0 | 0 | 0 | 1 | 31 | 106 | 82 | 13 | 2 | 0 | 0 | 0 | 0 | 235 | 42 | 39 |
| 10:00 | 0 | 1 | 1 | 0 | 30 | 98 | 47 | 7 | 2 | 0 | 0 | 0 | 0 | 186 | 41 | 38 |
| 11:00 | 0 | 1 | 0 | 7 | 19 | 71 | 62 | 4 | 3 | 0 | 0 | 0 | 0 | 167 | 42 | 38 |
| 12 PM | 0 | 0 | 0 | 1 | 19 | 81 | 66 | 11 | 4 | 0 | 0 | 0 | 0 | 182 | 43 | 39 |
| 13:00 | 0 | 0 | 1 | 4 | 14 | 66 | 72 | 13 | 3 | 0 | 0 | 0 | 0 | 173 | 43 | 39 |
| 14:00 | 0 | 0 | 0 | 6 | 46 | 105 | 77 | 18 | 1 | 1 | 0 | 0 | 0 | 254 | 42 | 38 |
| 15:00 | 0 | 0 | 0 | 6 | 34 | 138 | 78 | 13 | 1 | 0 | 1 | 0 | 0 | 271 | 42 | 38 |
| 16:00 | 0 | 0 | 0 | 3 | 53 | 150 | 87 | 17 | 2 | 0 | 0 | 0 | 0 | 312 | 42 | 38 |
| 17:00 | 0 | 0 | 1 | 3 | 31 | 151 | 128 | 14 | 2 | 0 | 0 | 0 | 0 | 330 | 42 | 39 |
| 18:00 | 0 | 0 | 4 | 4 | 19 | 104 | 84 | 14 | 3 | 0 | 0 | 0 | 0 | 232 | 43 | 39 |
| 19:00 | 0 | 0 | 0 | 1 | 13 | 67 | 46 | 12 | 1 | 2 | 0 | 0 | 0 | 142 | 43 | 39 |
| 20:00 | 0 | 0 | 0 | 0 | 11 | 53 | 32 | 6 | 0 | 0 | 0 | 0 | 0 | 102 | 42 | 39 |
| 21:00 | 0 | 0 | 0 | 1 | 8 | 25 | 13 | 6 | 0 | 0 | 0 | 0 | 0 | 53 | 43 | 38 |
| 22:00 | 0 | 0 | 0 | 1 | 4 | 13 | 7 | 2 | 0 | 0 | 0 | 0 | 0 | 27 | 42 | 38 |
| 23:00 | 0 | 0 | 0 | 1 | 0 | 6 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 10 | 42 | 38 |
| Total | 0 | 2 | 13 | 55 | 499 | 1974 | 1324 | 208 | 29 | 3 | 1 | 0 | 0 | 4108 | | |
| % | 0.0% | 0.0% | 0.3% | 1.3% | 12.1% | 48.1% | 32.2% | 5.1% | 0.7% | 0.1% | 0.0% | 0.0% | 0.0% | | | |
| AM Peak | | 10:00 | 07:00 | 07:00 | 07:00 | 07:00 | 08:00 | 08:00 | 11:00 | | | | | 07:00 | | |
| Vol. | | 1 | 6 | 14 | 84 | 334 | 191 | 20 | 3 | | | | | 620 | | |
| PM Peak | | | 18:00 | 14:00 | 16:00 | 17:00 | 17:00 | 14:00 | 12:00 | 19:00 | 15:00 | | | 17:00 | | |
| Vol. | | | 4 | 6 | 53 | 151 | 128 | 18 | 4 | 2 | 1 | | | 330 | | |

Stats
 15th Percentile : 33 MPH
 50th Percentile : 37 MPH
 85th Percentile : 42 MPH
 95th Percentile : 45 MPH

Mean Speed(Average) : 38 MPH
 10 MPH Pace Speed : 34-43 MPH
 Number in Pace : 3029
 Percent in Pace : 73.7%
 Number of Vehicles > 35 MPH : 3007
 Percent of Vehicles > 35 MPH : 73.2%

Main Street (Route 30)
 west of Sears Road
 City, State: Southborough, MA
 Client: VHB/ G. Russell



PRECISION
 D A T A
 INDUSTRIES, LLC
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143831 E Speed
 Site Code: 12389.04

EB

| Start Time | 14 | 15 19 | 20 24 | 25 29 | 30 34 | 35 39 | 40 44 | 45 49 | 50 54 | 55 59 | 60 64 | 65 69 | 70 9999 | Total | 85th % ile | Ave Speed |
|------------|----------|----------|----------|-----------|-----------|------------|------------|-----------|----------|----------|-------|-------|---------|------------|------------|-----------|
| 05/08/ | | | | | | | | | | | | | | | | |
| 14 | 0 | 0 | 0 | 0 | 0 | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 43 | 41 |
| 01:00 | 0 | 0 | 0 | 0 | 0 | 5 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 40 | 38 |
| 02:00 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 38 | 37 |
| 03:00 | 0 | 0 | 0 | 0 | 1 | 0 | 2 | 0 | 0 | 0 | 1 | 0 | 0 | 4 | 61 | 44 |
| 04:00 | 0 | 0 | 0 | 0 | 2 | 3 | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 10 | 43 | 39 |
| 05:00 | 0 | 0 | 0 | 0 | 3 | 25 | 17 | 7 | 1 | 0 | 1 | 0 | 0 | 54 | 44 | 40 |
| 06:00 | 0 | 0 | 0 | 1 | 32 | 110 | 61 | 7 | 4 | 0 | 0 | 0 | 0 | 215 | 42 | 38 |
| 07:00 | 0 | 0 | 2 | 11 | 97 | 292 | 166 | 14 | 0 | 0 | 0 | 0 | 0 | 582 | 41 | 38 |
| 08:00 | 0 | 0 | 1 | 31 | 77 | 222 | 137 | 6 | 3 | 0 | 0 | 0 | 0 | 477 | 41 | 37 |
| 09:00 | 0 | 0 | 2 | 4 | 36 | 117 | 76 | 13 | 2 | 1 | 0 | 0 | 0 | 251 | 42 | 38 |
| 10:00 | 0 | 0 | 0 | 1 | 29 | 60 | 39 | 7 | 2 | 0 | 0 | 0 | 0 | 138 | 42 | 38 |
| 11:00 | 0 | 0 | 5 | 11 | 34 | 79 | 42 | 5 | 1 | 0 | 0 | 0 | 0 | 177 | 41 | 37 |
| 12 PM | 0 | 1 | 0 | 7 | 28 | 88 | 44 | 8 | 1 | 0 | 0 | 0 | 0 | 177 | 41 | 37 |
| 13:00 | 0 | 0 | 0 | 8 | 36 | 72 | 28 | 2 | 0 | 0 | 0 | 0 | 0 | 146 | 40 | 36 |
| 14:00 | 0 | 0 | 2 | 9 | 75 | 111 | 41 | 9 | 0 | 0 | 0 | 0 | 0 | 247 | 40 | 36 |
| 15:00 | 0 | 0 | 0 | 13 | 61 | 114 | 54 | 10 | 0 | 0 | 0 | 0 | 0 | 252 | 41 | 37 |
| 16:00 | 0 | 0 | 2 | 5 | 46 | 157 | 95 | 12 | 1 | 0 | 0 | 0 | 0 | 318 | 42 | 38 |
| 17:00 | 4 | 1 | 9 | 31 | 52 | 162 | 124 | 16 | 2 | 1 | 0 | 0 | 0 | 402 | 42 | 37 |
| 18:00 | 0 | 0 | 0 | 0 | 11 | 97 | 89 | 16 | 1 | 0 | 0 | 0 | 0 | 214 | 43 | 40 |
| 19:00 | 0 | 0 | 0 | 2 | 21 | 78 | 62 | 14 | 2 | 0 | 0 | 0 | 0 | 179 | 43 | 39 |
| 20:00 | 0 | 0 | 2 | 0 | 21 | 55 | 26 | 4 | 1 | 0 | 0 | 0 | 0 | 109 | 41 | 37 |
| 21:00 | 0 | 0 | 1 | 0 | 9 | 29 | 20 | 1 | 2 | 0 | 0 | 0 | 0 | 62 | 42 | 38 |
| 22:00 | 0 | 0 | 1 | 1 | 5 | 11 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 22 | 40 | 36 |
| 23:00 | 0 | 0 | 0 | 0 | 0 | 5 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 42 | 39 |
| Total | 4 | 2 | 27 | 135 | 676 | 1894 | 1139 | 153 | 23 | 2 | 2 | 0 | 0 | 4057 | | |
| % | 0.1% | 0.0% | 0.7% | 3.3% | 16.7% | 46.7% | 28.1% | 3.8% | 0.6% | 0.0% | 0.0% | 0.0% | 0.0% | | | |
| AM Peak | | | 11:00 | 08:00 | 07:00 | 07:00 | 07:00 | 07:00 | 06:00 | 09:00 | 03:00 | | | 07:00 | | |
| Vol. | | | 5 | 31 | 97 | 292 | 166 | 14 | 4 | 1 | 1 | | | 582 | | |
| PM Peak | 17:00 | 12:00 | 17:00 | 17:00 | 14:00 | 17:00 | 17:00 | 17:00 | 17:00 | 17:00 | | | | 17:00 | | |
| Vol. | 4 | 1 | 9 | 31 | 75 | 162 | 124 | 16 | 2 | 1 | | | | 402 | | |

Stats
 15th Percentile : 32 MPH
 50th Percentile : 37 MPH
 85th Percentile : 42 MPH
 95th Percentile : 44 MPH

Mean Speed(Average) : 38 MPH
 10 MPH Pace Speed : 34-43 MPH
 Number in Pace : 2850
 Percent in Pace : 70.2%
 Number of Vehicles > 35 MPH : 2694
 Percent of Vehicles > 35 MPH : 66.4%

Main Street (Route 30)
 west of Sears Road
 City, State: Southborough, MA
 Client: VHB/ G. Russell



PRECISION
 D A T A
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143831 E Speed
 Site Code: 12389.04

WB

| Start Time | 14 | 15 19 | 20 24 | 25 29 | 30 34 | 35 39 | 40 44 | 45 49 | 50 54 | 55 59 | 60 64 | 65 69 | 70 9999 | Total | 85th % ile | Ave Speed |
|------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------|-------|------------|-----------|
| 05/07/ | | | | | | | | | | | | | | | | |
| 14 | 0 | 0 | 0 | 0 | 6 | 6 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 40 | 36 |
| 01:00 | 0 | 0 | 0 | 0 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 38 | 35 |
| 02:00 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 33 | 32 |
| 03:00 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 38 | 37 |
| 04:00 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 43 | 42 |
| 05:00 | 0 | 0 | 0 | 1 | 3 | 8 | 4 | 2 | 0 | 0 | 0 | 0 | 0 | 18 | 43 | 38 |
| 06:00 | 0 | 0 | 1 | 3 | 32 | 45 | 21 | 4 | 0 | 0 | 0 | 0 | 0 | 106 | 41 | 36 |
| 07:00 | 1 | 0 | 0 | 7 | 56 | 117 | 45 | 9 | 1 | 0 | 0 | 0 | 0 | 236 | 41 | 37 |
| 08:00 | 0 | 0 | 0 | 2 | 77 | 133 | 44 | 2 | 1 | 0 | 0 | 0 | 0 | 259 | 40 | 36 |
| 09:00 | 0 | 0 | 1 | 6 | 54 | 82 | 29 | 3 | 0 | 0 | 0 | 0 | 0 | 175 | 40 | 36 |
| 10:00 | 0 | 0 | 1 | 5 | 50 | 70 | 28 | 1 | 0 | 0 | 0 | 0 | 0 | 155 | 40 | 36 |
| 11:00 | 0 | 0 | 1 | 7 | 42 | 65 | 21 | 1 | 2 | 0 | 0 | 0 | 0 | 139 | 40 | 36 |
| 12 PM | 0 | 0 | 1 | 7 | 49 | 78 | 26 | 3 | 0 | 0 | 0 | 0 | 0 | 164 | 40 | 36 |
| 13:00 | 0 | 0 | 2 | 8 | 57 | 78 | 21 | 1 | 0 | 0 | 0 | 0 | 0 | 167 | 39 | 35 |
| 14:00 | 0 | 1 | 3 | 11 | 93 | 88 | 23 | 5 | 0 | 0 | 0 | 0 | 0 | 224 | 39 | 35 |
| 15:00 | 0 | 0 | 1 | 16 | 121 | 148 | 40 | 3 | 0 | 0 | 0 | 0 | 0 | 329 | 39 | 35 |
| 16:00 | 0 | 0 | 3 | 27 | 169 | 274 | 48 | 3 | 0 | 0 | 0 | 0 | 0 | 524 | 38 | 35 |
| 17:00 | 0 | 10 | 7 | 31 | 224 | 362 | 81 | 2 | 0 | 0 | 0 | 0 | 1 | 718 | 39 | 35 |
| 18:00 | 0 | 0 | 1 | 8 | 116 | 193 | 58 | 4 | 0 | 0 | 0 | 0 | 0 | 380 | 39 | 36 |
| 19:00 | 1 | 0 | 0 | 1 | 39 | 120 | 30 | 2 | 0 | 0 | 0 | 0 | 0 | 193 | 40 | 37 |
| 20:00 | 0 | 0 | 1 | 2 | 40 | 48 | 13 | 1 | 0 | 0 | 0 | 0 | 0 | 105 | 39 | 35 |
| 21:00 | 0 | 0 | 0 | 3 | 13 | 26 | 7 | 1 | 0 | 0 | 0 | 0 | 0 | 50 | 39 | 36 |
| 22:00 | 0 | 0 | 0 | 2 | 8 | 19 | 6 | 2 | 0 | 0 | 0 | 0 | 0 | 37 | 41 | 37 |
| 23:00 | 0 | 0 | 1 | 0 | 1 | 9 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 15 | 41 | 37 |
| Total | 2 | 11 | 24 | 147 | 1252 | 1972 | 553 | 50 | 4 | 0 | 0 | 0 | 1 | 4016 | | |
| % | 0.0% | 0.3% | 0.6% | 3.7% | 31.2% | 49.1% | 13.8% | 1.2% | 0.1% | 0.0% | 0.0% | 0.0% | 0.0% | | | |
| AM Peak | 07:00 | | 06:00 | 07:00 | 08:00 | 08:00 | 07:00 | 07:00 | 11:00 | | | | | 08:00 | | |
| Vol. | 1 | | 1 | 7 | 77 | 133 | 45 | 9 | 2 | | | | | 259 | | |
| PM Peak | 19:00 | 17:00 | 17:00 | 17:00 | 17:00 | 17:00 | 17:00 | 14:00 | | | | 17:00 | 17:00 | | | |
| Vol. | 1 | 10 | 7 | 31 | 224 | 362 | 81 | 5 | | | | 1 | 718 | | | |

Stats
 15th Percentile : 30 MPH
 50th Percentile : 35 MPH
 85th Percentile : 39 MPH
 95th Percentile : 42 MPH

Mean Speed(Average) : 36 MPH
 10 MPH Pace Speed : 31-40 MPH
 Number in Pace : 2978
 Percent in Pace : 74.2%
 Number of Vehicles > 35 MPH : 1984
 Percent of Vehicles > 35 MPH : 49.4%

Main Street (Route 30)
 west of Sears Road
 City, State: Southborough, MA
 Client: VHB/ G. Russell



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 DATA
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 Email: datarequests@pdillc.com

143831 E Speed
 Site Code: 12389.04

WB

| Start Time | 14 | 15 | 19 | 20 | 24 | 25 | 29 | 30 | 34 | 35 | 39 | 40 | 44 | 45 | 49 | 50 | 54 | 55 | 59 | 60 | 64 | 65 | 69 | 70 | 9999 | Total | 85th % ile | Ave Speed | |
|------------|----------|----------|----------|-----------|------------|------------|-----------|----------|----------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------------|------------|-----------|--|
| 05/08/ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | 0 | 0 | 0 | 0 | 0 | 2 | 5 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 40 | 37 | |
| 01:00 | 0 | 0 | 0 | 0 | 2 | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 42 | 38 | |
| 02:00 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 32 | 27 | |
| 03:00 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 43 | 42 | |
| 04:00 | 0 | 0 | 0 | 0 | 0 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 41 | 38 | |
| 05:00 | 0 | 0 | 0 | 0 | 4 | 5 | 6 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 42 | 38 | |
| 06:00 | 0 | 0 | 0 | 5 | 25 | 37 | 24 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 98 | 42 | 37 | |
| 07:00 | 1 | 6 | 2 | 12 | 54 | 123 | 50 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 256 | 40 | 36 | |
| 08:00 | 0 | 1 | 2 | 19 | 49 | 123 | 36 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 234 | 40 | 36 | |
| 09:00 | 0 | 0 | 0 | 4 | 45 | 85 | 18 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 156 | 39 | 36 | |
| 10:00 | 0 | 0 | 6 | 14 | 42 | 45 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 119 | 38 | 34 | |
| 11:00 | 0 | 0 | 0 | 14 | 64 | 65 | 14 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 159 | 38 | 35 | |
| 12 PM | 0 | 1 | 0 | 10 | 41 | 88 | 21 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 162 | 39 | 36 | |
| 13:00 | 0 | 0 | 2 | 6 | 52 | 75 | 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 153 | 39 | 35 | |
| 14:00 | 0 | 0 | 0 | 19 | 85 | 111 | 27 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 245 | 39 | 35 | |
| 15:00 | 0 | 1 | 4 | 28 | 128 | 145 | 36 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 344 | 38 | 35 | |
| 16:00 | 0 | 0 | 7 | 22 | 117 | 251 | 49 | 7 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 454 | 39 | 36 | |
| 17:00 | 0 | 0 | 3 | 51 | 220 | 294 | 55 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 625 | 38 | 35 | |
| 18:00 | 0 | 0 | 1 | 11 | 73 | 150 | 55 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 290 | 40 | 36 | |
| 19:00 | 0 | 1 | 1 | 14 | 43 | 101 | 45 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 208 | 40 | 36 | |
| 20:00 | 0 | 0 | 0 | 5 | 48 | 76 | 14 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 145 | 39 | 36 | |
| 21:00 | 0 | 0 | 1 | 2 | 19 | 29 | 13 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 67 | 41 | 36 | |
| 22:00 | 0 | 0 | 2 | 2 | 10 | 18 | 6 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 40 | 40 | 36 | |
| 23:00 | 0 | 0 | 1 | 1 | 6 | 6 | 1 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 | 45 | 36 | |
| Total | 1 | 10 | 33 | 239 | 1130 | 1836 | 507 | 51 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3811 | | | |
| % | 0.0% | 0.3% | 0.9% | 6.3% | 29.7% | 48.2% | 13.3% | 1.3% | 0.1% | 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% | 0.0% | 0.0% | | | | |
| AM Peak | 07:00 | 07:00 | 10:00 | 08:00 | 11:00 | 07:00 | 07:00 | 07:00 | 09:00 | | | | | | | | | | | | | | | | | | 07:00 | | |
| Vol. | 1 | 6 | 6 | 19 | 64 | 123 | 50 | 8 | 1 | | | | | | | | | | | | | | | | | 256 | | | |
| PM Peak | | 12:00 | 16:00 | 17:00 | 17:00 | 17:00 | 17:00 | 16:00 | 23:00 | | | | | | | | | | | | | | | | | | 17:00 | | |
| Vol. | | 1 | 7 | 51 | 220 | 294 | 55 | 7 | 2 | | | | | | | | | | | | | | | | | 625 | | | |

Stats
 15th Percentile : 30 MPH
 50th Percentile : 35 MPH
 85th Percentile : 39 MPH
 95th Percentile : 42 MPH

Mean Speed(Average) : 35 MPH
 10 MPH Pace Speed : 31-40 MPH
 Number in Pace : 2748
 Percent in Pace : 72.1%
 Number of Vehicles > 35 MPH : 1841
 Percent of Vehicles > 35 MPH : 48.3%

Boston Road (Route 30)
 east of East Main Street
 City, State: Southborough, MA
 Client: VHB/ G. Russell



PRECISION
 DATA
 INDUSTRIES, LLC
 P.O. Box 301 Berlin, MA 01503
 Office: 508.481.3999 Fax: 508.545.1234
 Email: datarequests@pdillc.com

143831 F Volume
 Site Code: 12389.04

| Start Time | EB | | WB | | Combin ed | | 07-May-14 Wed | | | | | | | |
|------------|-------|-------|-------|-------|-----------|------|---------------|-----|-------|-----|-------|-----|---|---|
| | A.M. | P.M. | A.M. | P.M. | A.M. | P.M. | | | | | | | | |
| 12:00 | 2 | 47 | 4 | 23 | 6 | 70 | | | | | | | | |
| 12:15 | 1 | 42 | 0 | 36 | 1 | 78 | | | | | | | | |
| 12:30 | 0 | 40 | 2 | 34 | 2 | 74 | | | | | | | | |
| 12:45 | 1 | 51 | 180 | 1 | 7 | 32 | 125 | 11 | 83 | 305 | | | | |
| 01:00 | 0 | 35 | 1 | 29 | 1 | 64 | | | | | | | | |
| 01:15 | 1 | 34 | 0 | 35 | 1 | 69 | | | | | | | | |
| 01:30 | 1 | 38 | 0 | 36 | 1 | 74 | | | | | | | | |
| 01:45 | 0 | 44 | 151 | 0 | 1 | 39 | 139 | 0 | 3 | 83 | 290 | | | |
| 02:00 | 0 | 30 | 0 | 26 | 0 | 56 | | | | | | | | |
| 02:15 | 0 | 37 | 0 | 26 | 0 | 63 | | | | | | | | |
| 02:30 | 0 | 45 | 0 | 42 | 0 | 87 | | | | | | | | |
| 02:45 | 0 | 40 | 152 | 1 | 1 | 41 | 135 | 1 | 1 | 81 | 287 | | | |
| 03:00 | 0 | 47 | 1 | 39 | 1 | 86 | | | | | | | | |
| 03:15 | 0 | 49 | 0 | 57 | 0 | 106 | | | | | | | | |
| 03:30 | 1 | 38 | 0 | 60 | 1 | 98 | | | | | | | | |
| 03:45 | 0 | 45 | 179 | 0 | 1 | 59 | 215 | 0 | 2 | 104 | 394 | | | |
| 04:00 | 0 | 50 | 0 | 81 | 0 | 131 | | | | | | | | |
| 04:15 | 3 | 44 | 0 | 85 | 3 | 129 | | | | | | | | |
| 04:30 | 0 | 56 | 0 | 78 | 0 | 134 | | | | | | | | |
| 04:45 | 3 | 57 | 207 | 3 | 3 | 108 | 352 | 6 | 9 | 165 | 559 | | | |
| 05:00 | 4 | 66 | 2 | 90 | 6 | 156 | | | | | | | | |
| 05:15 | 10 | 68 | 2 | 104 | 12 | 172 | | | | | | | | |
| 05:30 | 4 | 58 | 1 | 105 | 5 | 163 | | | | | | | | |
| 05:45 | 12 | 53 | 245 | 5 | 10 | 107 | 406 | 17 | 40 | 160 | 651 | | | |
| 06:00 | 22 | 49 | 4 | 75 | 26 | 124 | | | | | | | | |
| 06:15 | 28 | 33 | 2 | 61 | 30 | 94 | | | | | | | | |
| 06:30 | 51 | 34 | 12 | 37 | 63 | 71 | | | | | | | | |
| 06:45 | 107 | 33 | 149 | 19 | 37 | 44 | 217 | 126 | 245 | 77 | 366 | | | |
| 07:00 | 92 | 32 | 18 | 29 | 110 | 61 | | | | | | | | |
| 07:15 | 107 | 29 | 24 | 31 | 131 | 60 | | | | | | | | |
| 07:30 | 126 | 31 | 42 | 14 | 168 | 45 | | | | | | | | |
| 07:45 | 106 | 431 | 13 | 105 | 50 | 134 | 24 | 98 | 156 | 565 | 37 | 203 | | |
| 08:00 | 106 | 19 | 35 | 17 | 141 | 36 | | | | | | | | |
| 08:15 | 114 | 11 | 38 | 24 | 152 | 35 | | | | | | | | |
| 08:30 | 102 | 20 | 37 | 15 | 139 | 35 | | | | | | | | |
| 08:45 | 105 | 427 | 11 | 61 | 40 | 150 | 11 | 67 | 145 | 577 | 22 | 128 | | |
| 09:00 | 81 | 9 | 27 | 7 | 108 | 16 | | | | | | | | |
| 09:15 | 62 | 10 | 30 | 4 | 92 | 14 | | | | | | | | |
| 09:30 | 50 | 14 | 29 | 7 | 79 | 21 | | | | | | | | |
| 09:45 | 39 | 232 | 9 | 42 | 29 | 115 | 4 | 22 | 68 | 347 | 13 | 64 | | |
| 10:00 | 50 | 4 | 23 | 2 | 73 | 6 | | | | | | | | |
| 10:15 | 42 | 8 | 29 | 4 | 71 | 12 | | | | | | | | |
| 10:30 | 40 | 3 | 25 | 4 | 65 | 7 | | | | | | | | |
| 10:45 | 40 | 172 | 7 | 22 | 18 | 95 | 5 | 15 | 58 | 267 | 12 | 37 | | |
| 11:00 | 44 | 0 | 30 | 1 | 74 | 1 | | | | | | | | |
| 11:15 | 52 | 0 | 30 | 2 | 82 | 2 | | | | | | | | |
| 11:30 | 43 | 0 | 35 | 2 | 78 | 2 | | | | | | | | |
| 11:45 | 34 | 173 | 3 | 3 | 28 | 123 | 2 | 7 | 62 | 296 | 5 | 10 | | |
| Total | 1686 | 1496 | 677 | 1798 | 2363 | 3294 | | | | | | | | |
| Percent | 71.3% | 45.4% | 28.7% | 54.6% | | | | | | | | | | |
| Day Total | | 3182 | | 2475 | | 5657 | | | | | | | | |
| Peak Vol. | 07:30 | - | 04:45 | - | 07:30 | - | 04:45 | - | 07:30 | - | 04:45 | - | - | - |
| P.H.F. | 0.897 | - | 0.915 | - | 0.825 | - | 0.942 | - | 0.918 | - | 0.953 | - | - | - |

Boston Road (Route 30)
 east of East Main Street
 City, State: Southborough, MA
 Client: VHB/ G. Russell



PRECISION
 DATA
 INDUSTRIES, LLC
 P.O. Box 301 Berlin, MA 01503
 Office: 508.481.3999 Fax: 508.545.1234
 Email: datarequests@pdillc.com

143831 F Volume
 Site Code: 12389.04

| Start Time | EB | | WB | | Combin ed | | 08-May-14 Thu |
|------------|-------|-------|-------|-------|-----------|------|---------------|
| | A.M. | P.M. | A.M. | P.M. | A.M. | P.M. | |
| 12:00 | 1 | 51 | 0 | 39 | 1 | 90 | |
| 12:15 | 1 | 47 | 3 | 27 | 4 | 74 | |
| 12:30 | 1 | 38 | 1 | 33 | 2 | 71 | |
| 12:45 | 1 | 37 | 173 | 0 | 4 | 29 | 128 |
| 01:00 | 1 | 34 | 1 | 22 | 2 | 56 | 301 |
| 01:15 | 2 | 32 | 0 | 34 | 2 | 66 | |
| 01:30 | 0 | 44 | 1 | 33 | 1 | 77 | |
| 01:45 | 0 | 31 | 141 | 0 | 2 | 32 | 121 |
| 02:00 | 0 | 25 | 0 | 33 | 0 | 58 | 262 |
| 02:15 | 0 | 34 | 1 | 33 | 1 | 67 | |
| 02:30 | 0 | 43 | 0 | 34 | 0 | 77 | |
| 02:45 | 1 | 32 | 134 | 1 | 2 | 48 | 148 |
| 03:00 | 0 | 50 | 0 | 40 | 0 | 90 | |
| 03:15 | 0 | 53 | 0 | 41 | 0 | 94 | |
| 03:30 | 0 | 44 | 0 | 63 | 0 | 107 | |
| 03:45 | 1 | 40 | 187 | 0 | 0 | 63 | 207 |
| 04:00 | 0 | 33 | 0 | 59 | 0 | 92 | |
| 04:15 | 0 | 54 | 0 | 85 | 0 | 139 | |
| 04:30 | 3 | 65 | 0 | 76 | 3 | 141 | |
| 04:45 | 0 | 58 | 210 | 3 | 3 | 91 | 311 |
| 05:00 | 3 | 72 | 0 | 95 | 3 | 167 | |
| 05:15 | 5 | 68 | 4 | 94 | 9 | 162 | |
| 05:30 | 11 | 67 | 2 | 109 | 13 | 176 | |
| 05:45 | 16 | 58 | 265 | 2 | 8 | 75 | 373 |
| 06:00 | 32 | 45 | 3 | 52 | 35 | 97 | |
| 06:15 | 33 | 35 | 5 | 53 | 38 | 88 | |
| 06:30 | 35 | 35 | 11 | 59 | 46 | 94 | |
| 06:45 | 98 | 24 | 139 | 19 | 38 | 25 | 189 |
| 07:00 | 86 | 29 | 14 | 41 | 100 | 70 | 236 |
| 07:15 | 96 | 33 | 38 | 24 | 134 | 57 | |
| 07:30 | 102 | 17 | 44 | 14 | 146 | 31 | |
| 07:45 | 99 | 20 | 99 | 55 | 151 | 23 | 102 |
| 08:00 | 133 | 16 | 32 | 13 | 165 | 29 | 534 |
| 08:15 | 116 | 17 | 38 | 10 | 154 | 27 | |
| 08:30 | 93 | 13 | 43 | 14 | 136 | 27 | |
| 08:45 | 98 | 12 | 58 | 44 | 157 | 14 | 51 |
| 09:00 | 74 | 14 | 28 | 10 | 102 | 24 | 597 |
| 09:15 | 64 | 9 | 23 | 8 | 87 | 17 | |
| 09:30 | 49 | 8 | 32 | 7 | 81 | 15 | |
| 09:45 | 53 | 3 | 34 | 34 | 117 | 8 | 33 |
| 10:00 | 32 | 10 | 29 | 6 | 61 | 16 | 357 |
| 10:15 | 37 | 4 | 21 | 8 | 58 | 12 | |
| 10:30 | 31 | 4 | 16 | 2 | 47 | 6 | |
| 10:45 | 26 | 1 | 19 | 34 | 100 | 0 | 16 |
| 11:00 | 35 | 2 | 16 | 1 | 51 | 3 | 226 |
| 11:15 | 42 | 1 | 31 | 1 | 73 | 2 | |
| 11:30 | 35 | 0 | 43 | 1 | 78 | 1 | |
| 11:45 | 51 | 1 | 4 | 25 | 115 | 2 | 5 |
| Total | 1597 | 1463 | 697 | 1684 | 2294 | 3147 | |
| Percent | 69.6% | 46.5% | 30.4% | 53.5% | | | |
| Day Total | | 3060 | | 2381 | | 5441 | |
| Peak | 07:30 | - | 04:45 | - | 07:15 | - | 04:45 |
| Vol. | 450 | - | 265 | - | 169 | - | 654 |
| P.H.F. | 0.846 | - | 0.920 | - | 0.768 | - | 0.929 |

Boston Road (Route 30)
 east of East Main Street
 City, State: Southborough, MA
 Client: VHB/ G. Russell



PRECISION
 D A T A
 INDUSTRIES, LLC
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 Office: 508.481.3999 Fax: 508.545.1234
 Email: datarequests@pdillc.com

143831 F Class
 Site Code: 12389.04

EB

| Start Time | Bikes | Cars & Trailers | 2 Axle Long | Buses | 2 Axle 6 Tire | 3 Axle Single | 4 Axle Single | <5 Axl Double | 5 Axle Double | >6 Axl Double | <6 Axl Multi | 6 Axle Multi | >6 Axl Multi | Total |
|------------|-------|-----------------|-------------|-------|---------------|---------------|---------------|---------------|---------------|---------------|--------------|--------------|--------------|-------|
| 05/07/1 | | | | | | | | | | | | | | |
| 4 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |
| 01:00 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| 02:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 03:00 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 04:00 | 0 | 4 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 |
| 05:00 | 1 | 24 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 30 |
| 06:00 | 1 | 176 | 27 | 0 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 208 |
| 07:00 | 4 | 356 | 54 | 3 | 8 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 431 |
| 08:00 | 3 | 377 | 37 | 0 | 9 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 427 |
| 09:00 | 3 | 185 | 34 | 2 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 232 |
| 10:00 | 2 | 135 | 29 | 1 | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 172 |
| 11:00 | 3 | 137 | 27 | 1 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 173 |
| 12 PM | 2 | 149 | 23 | 0 | 5 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 180 |
| 13:00 | 1 | 126 | 17 | 0 | 6 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 151 |
| 14:00 | 4 | 122 | 17 | 0 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 152 |
| 15:00 | 1 | 150 | 17 | 3 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 179 |
| 16:00 | 9 | 172 | 24 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 207 |
| 17:00 | 1 | 217 | 21 | 0 | 5 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 245 |
| 18:00 | 4 | 129 | 11 | 0 | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 149 |
| 19:00 | 3 | 92 | 5 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 105 |
| 20:00 | 0 | 56 | 4 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 61 |
| 21:00 | 0 | 40 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 42 |
| 22:00 | 0 | 21 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22 |
| 23:00 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| Total | 42 | 2677 | 356 | 11 | 82 | 6 | 0 | 6 | 1 | 1 | 0 | 0 | 0 | 3182 |
| Percent | 1.3% | 84.1% | 11.2% | 0.3% | 2.6% | 0.2% | 0.0% | 0.2% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | |
| AM Peak | 07:00 | 08:00 | 07:00 | 07:00 | 08:00 | 06:00 | | 07:00 | | 05:00 | | | | 07:00 |
| Vol. | 4 | 377 | 54 | 3 | 9 | 1 | | 6 | | 1 | | | | 431 |
| PM Peak | 16:00 | 17:00 | 16:00 | 15:00 | 14:00 | 13:00 | | | 12:00 | | | | | 17:00 |
| Vol. | 9 | 217 | 24 | 3 | 9 | 1 | | | 1 | | | | | 245 |

Boston Road (Route 30)
 east of East Main Street
 City, State: Southborough, MA
 Client: VHB/ G. Russell



PRECISION
 D A T A
 INDUSTRIES, LLC

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 Office: 508.481.3999 Fax: 508.545.1234
 Email: datarequests@pdillc.com

143831 F Class
 Site Code: 12389.04

EB

| Start Time | Bikes | Cars & Trailers | 2 Axle Long | Buses | 2 Axle 6 Tire | 3 Axle Single | 4 Axle Single | <5 Axl Double | 5 Axle Double | >6 Axl Double | <6 Axl Multi | 6 Axle Multi | >6 Axl Multi | Total |
|------------|-------|-----------------|-------------|-------|---------------|---------------|---------------|---------------|---------------|---------------|--------------|--------------|--------------|-------|
| 05/08/1 | | | | | | | | | | | | | | |
| 4 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |
| 01:00 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| 02:00 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 03:00 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 04:00 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| 05:00 | 1 | 26 | 7 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 35 |
| 06:00 | 1 | 164 | 26 | 0 | 6 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 198 |
| 07:00 | 5 | 323 | 42 | 3 | 5 | 4 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 383 |
| 08:00 | 1 | 385 | 44 | 1 | 7 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 440 |
| 09:00 | 2 | 197 | 34 | 0 | 6 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 240 |
| 10:00 | 2 | 100 | 15 | 1 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 126 |
| 11:00 | 3 | 132 | 21 | 0 | 6 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 163 |
| 12 PM | 2 | 136 | 31 | 1 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 173 |
| 13:00 | 1 | 122 | 13 | 0 | 4 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 141 |
| 14:00 | 2 | 105 | 15 | 2 | 9 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 134 |
| 15:00 | 2 | 157 | 20 | 2 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 187 |
| 16:00 | 1 | 185 | 18 | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 210 |
| 17:00 | 4 | 227 | 23 | 0 | 8 | 1 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 265 |
| 18:00 | 0 | 125 | 11 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 139 |
| 19:00 | 2 | 85 | 9 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 99 |
| 20:00 | 1 | 49 | 6 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 58 |
| 21:00 | 0 | 30 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 34 |
| 22:00 | 0 | 18 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19 |
| 23:00 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |
| Total | 30 | 2581 | 340 | 10 | 82 | 8 | 0 | 7 | 2 | 0 | 0 | 0 | 0 | 3060 |
| Percent | 1.0% | 84.3% | 11.1% | 0.3% | 2.7% | 0.3% | 0.0% | 0.2% | 0.1% | 0.0% | 0.0% | 0.0% | 0.0% | |
| AM Peak | 07:00 | 08:00 | 08:00 | 07:00 | 10:00 | 07:00 | | 08:00 | | | | | | 08:00 |
| Vol. | 5 | 385 | 44 | 3 | 8 | 4 | | 2 | | | | | | 440 |
| PM Peak | 17:00 | 17:00 | 12:00 | 14:00 | 14:00 | 12:00 | | 17:00 | 13:00 | | | | | 17:00 |
| Vol. | 4 | 227 | 31 | 2 | 9 | 1 | | 2 | 1 | | | | | 265 |

Boston Road (Route 30)
 east of East Main Street
 City, State: Southborough, MA
 Client: VHB/ G. Russell



PRECISION
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143831 F Class
 Site Code: 12389.04

WB

| Start Time | Bikes | Cars & Trailers | 2 Axle Long | Buses | 2 Axle 6 Tire | 3 Axle Single | 4 Axle Single | <5 Axl Double | 5 Axle Double | >6 Axl Double | <6 Axl Multi | 6 Axle Multi | >6 Axl Multi | Total |
|------------|-------|-----------------|-------------|-------|---------------|---------------|---------------|---------------|---------------|---------------|--------------|--------------|--------------|-------|
| 05/07/1 | | | | | | | | | | | | | | |
| 4 | 0 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 |
| 01:00 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 02:00 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 03:00 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 04:00 | 0 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| 05:00 | 1 | 6 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 |
| 06:00 | 0 | 24 | 8 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 37 |
| 07:00 | 2 | 101 | 20 | 0 | 9 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 134 |
| 08:00 | 3 | 117 | 17 | 0 | 10 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 150 |
| 09:00 | 0 | 99 | 12 | 0 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 115 |
| 10:00 | 1 | 78 | 11 | 0 | 3 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 95 |
| 11:00 | 2 | 99 | 15 | 1 | 4 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 123 |
| 12 PM | 1 | 104 | 11 | 1 | 7 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 125 |
| 13:00 | 3 | 110 | 17 | 0 | 8 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 139 |
| 14:00 | 3 | 113 | 13 | 0 | 5 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 135 |
| 15:00 | 0 | 174 | 31 | 1 | 8 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 215 |
| 16:00 | 7 | 307 | 30 | 0 | 7 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 352 |
| 17:00 | 1 | 371 | 27 | 1 | 4 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 406 |
| 18:00 | 5 | 196 | 13 | 0 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 217 |
| 19:00 | 3 | 83 | 11 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 98 |
| 20:00 | 0 | 62 | 4 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 67 |
| 21:00 | 0 | 22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22 |
| 22:00 | 0 | 14 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 |
| 23:00 | 0 | 5 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 |
| Total | 32 | 2097 | 247 | 4 | 77 | 6 | 1 | 8 | 2 | 1 | 0 | 0 | 0 | 2475 |
| Percent | 1.3% | 84.7% | 10.0% | 0.2% | 3.1% | 0.2% | 0.0% | 0.3% | 0.1% | 0.0% | 0.0% | 0.0% | 0.0% | |
| AM Peak | 08:00 | 08:00 | 07:00 | 11:00 | 08:00 | 08:00 | 11:00 | 07:00 | 10:00 | | | | | 08:00 |
| Vol. | 3 | 117 | 20 | 1 | 10 | 2 | 1 | 1 | 1 | | | | | 150 |
| PM Peak | 16:00 | 17:00 | 15:00 | 12:00 | 13:00 | 18:00 | | 12:00 | 14:00 | 17:00 | | | | 17:00 |
| Vol. | 7 | 371 | 31 | 1 | 8 | 1 | | 1 | 1 | 1 | | | | 406 |

Boston Road (Route 30)
 east of East Main Street
 City, State: Southborough, MA
 Client: VHB/ G. Russell



PRECISION
 D A T A
 INDUSTRIES, LLC
 P.O. Box 301 Berlin, MA 01503
 Office: 508.481.3999 Fax: 508.545.1234
 Email: datarequests@pdillc.com

143831 F Class
 Site Code: 12389.04

WB

| Start Time | Bikes | Cars & Trailers | 2 Axle Long | Buses | 2 Axle 6 Tire | 3 Axle Single | 4 Axle Single | <5 Axl Double | 5 Axle Double | >6 Axl Double | <6 Axl Multi | 6 Axle Multi | >6 Axl Multi | Total |
|------------|-------|-----------------|-------------|-------|---------------|---------------|---------------|---------------|---------------|---------------|--------------|--------------|--------------|-------|
| 05/08/1 | | | | | | | | | | | | | | |
| 4 | 0 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |
| 01:00 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| 02:00 | 0 | 2 | 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 |
| 04:00 | 0 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| 05:00 | 0 | 3 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 |
| 06:00 | 1 | 26 | 6 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 38 |
| 07:00 | 4 | 117 | 16 | 0 | 10 | 3 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 151 |
| 08:00 | 0 | 131 | 19 | 1 | 3 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 157 |
| 09:00 | 2 | 96 | 10 | 0 | 7 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 117 |
| 10:00 | 2 | 80 | 10 | 1 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 100 |
| 11:00 | 0 | 90 | 18 | 0 | 6 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 115 |
| 12 PM | 1 | 103 | 19 | 1 | 2 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 128 |
| 13:00 | 2 | 96 | 15 | 2 | 5 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 121 |
| 14:00 | 1 | 129 | 11 | 0 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 148 |
| 15:00 | 1 | 165 | 33 | 0 | 7 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 207 |
| 16:00 | 2 | 267 | 34 | 2 | 3 | 1 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 311 |
| 17:00 | 1 | 337 | 28 | 0 | 3 | 0 | 0 | 3 | 1 | 0 | 0 | 0 | 0 | 373 |
| 18:00 | 5 | 169 | 13 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 189 |
| 19:00 | 0 | 93 | 7 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 102 |
| 20:00 | 0 | 46 | 3 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 51 |
| 21:00 | 0 | 31 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 33 |
| 22:00 | 0 | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 |
| 23:00 | 0 | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| Total | 22 | 2008 | 252 | 7 | 71 | 8 | 0 | 9 | 3 | 1 | 0 | 0 | 0 | 2381 |
| Percent | 0.9% | 84.3% | 10.6% | 0.3% | 3.0% | 0.3% | 0.0% | 0.4% | 0.1% | 0.0% | 0.0% | 0.0% | 0.0% | |
| AM Peak | 07:00 | 08:00 | 08:00 | 08:00 | 07:00 | 07:00 | | 07:00 | | | | | | 08:00 |
| Vol. | 4 | 131 | 19 | 1 | 10 | 3 | | 1 | | | | | | 157 |
| PM Peak | 18:00 | 17:00 | 16:00 | 13:00 | 14:00 | 16:00 | | 17:00 | 12:00 | 16:00 | | | | 17:00 |
| Vol. | 5 | 337 | 34 | 2 | 7 | 1 | | 3 | 2 | 1 | | | | 373 |

Boston Road (Route 30)
 east of East Main Street
 City, State: Southborough, MA
 Client: VHB/ G. Russell



PRECISION
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 INDUSTRIES, LLC
 P.O. Box 301 Berlin, MA 01503
 Office: 508.481.3999 Fax: 508.545.1234
 Email: datarequests@pdillc.com

143831 F Speed
 Site Code: 12389.04

EB

| Start Time | 1 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | Total | 85th % ile | Ave Speed | | | |
|------------|----------|----------|-----------|-----------|------------|-----------|----------|----------|------|------|------|------|------|------------|------------|-----------|-------|--|--|
| | 14 | 19 | 24 | 29 | 34 | 39 | 44 | 49 | 54 | 59 | 64 | 69 | 9999 | | | | | | |
| 05/07/ | | | | | | | | | | | | | | | | | | | |
| 14 | 0 | 0 | 0 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 31 | 28 | | | |
| 01:00 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 42 | 37 | | | |
| 02:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * | * | | | |
| 03:00 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 38 | 37 | | | |
| 04:00 | 0 | 0 | 0 | 1 | 2 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 37 | 34 | | | |
| 05:00 | 0 | 1 | 1 | 10 | 13 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 34 | 30 | | | |
| 06:00 | 0 | 1 | 4 | 65 | 116 | 22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 208 | 34 | 31 | | | |
| 07:00 | 2 | 3 | 8 | 94 | 277 | 42 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 431 | 34 | 31 | | | |
| 08:00 | 1 | 0 | 7 | 95 | 268 | 56 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 427 | 34 | 31 | | | |
| 09:00 | 0 | 0 | 6 | 68 | 126 | 31 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 232 | 34 | 31 | | | |
| 10:00 | 0 | 2 | 12 | 63 | 85 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 172 | 33 | 29 | | | |
| 11:00 | 0 | 0 | 8 | 66 | 85 | 13 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 173 | 33 | 30 | | | |
| 12 PM | 0 | 0 | 5 | 69 | 95 | 9 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 180 | 33 | 30 | | | |
| 13:00 | 0 | 0 | 7 | 62 | 72 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 151 | 33 | 30 | | | |
| 14:00 | 0 | 2 | 10 | 44 | 79 | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 152 | 34 | 30 | | | |
| 15:00 | 1 | 1 | 7 | 61 | 86 | 23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 179 | 34 | 30 | | | |
| 16:00 | 0 | 0 | 6 | 69 | 108 | 22 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 207 | 34 | 31 | | | |
| 17:00 | 0 | 1 | 7 | 69 | 140 | 28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 245 | 34 | 31 | | | |
| 18:00 | 1 | 0 | 7 | 39 | 82 | 18 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 149 | 34 | 31 | | | |
| 19:00 | 0 | 0 | 7 | 32 | 57 | 8 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 105 | 33 | 30 | | | |
| 20:00 | 0 | 0 | 1 | 20 | 36 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 61 | 33 | 31 | | | |
| 21:00 | 0 | 0 | 3 | 19 | 18 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 42 | 32 | 29 | | | |
| 22:00 | 0 | 0 | 0 | 8 | 10 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22 | 35 | 31 | | | |
| 23:00 | 0 | 0 | 0 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 33 | 30 | | | |
| Total | 5 | 11 | 106 | 958 | 1759 | 327 | 15 | 1 | 0 | 0 | 0 | 0 | 0 | 3182 | | | | | |
| % | 0.2% | 0.3% | 3.3% | 30.1% | 55.3% | 10.3% | 0.5% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | | | | | | |
| AM Peak | 07:00 | 07:00 | 10:00 | 08:00 | 07:00 | 08:00 | 07:00 | | | | | | | | | 07:00 | | | |
| Vol. | 2 | 3 | 12 | 95 | 277 | 56 | 5 | | | | | | | | | 431 | | | |
| PM Peak | 15:00 | 14:00 | 14:00 | 12:00 | 17:00 | 17:00 | 12:00 | 18:00 | | | | | | | | | 17:00 | | |
| Vol. | 1 | 2 | 10 | 69 | 140 | 28 | 2 | 1 | | | | | | | | | 245 | | |

Stats
 15th Percentile : 25 MPH
 50th Percentile : 30 MPH
 85th Percentile : 34 MPH
 95th Percentile : 36 MPH

Mean Speed(Average) : 31 MPH
 10 MPH Pace Speed : 26-35 MPH
 Number in Pace : 2492
 Percent in Pace : 78.3%
 Number of Vehicles > 30 MPH : 1543
 Percent of Vehicles > 30 MPH : 48.5%

Boston Road (Route 30)
 east of East Main Street
 City, State: Southborough, MA
 Client: VHB/ G. Russell



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143831 F Speed
 Site Code: 12389.04

EB

| Start Time | 14 | 15 | 19 | 20 | 24 | 25 | 29 | 30 | 34 | 35 | 39 | 40 | 44 | 45 | 49 | 50 | 54 | 55 | 59 | 60 | 64 | 65 | 69 | 70 | 9999 | Total | 85th % ile | Ave Speed | |
|------------|------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------------|-----------|--|
| 05/08/ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 35 | 29 | |
| 01:00 | 0 | 0 | 0 | 0 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 36 | 30 | |
| 02:00 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 28 | 27 | |
| 03:00 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 33 | 32 | |
| 04:00 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 38 | 35 | |
| 05:00 | 0 | 0 | 0 | 0 | 12 | 20 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 35 | 33 | 31 | |
| 06:00 | 0 | 0 | 5 | 51 | 124 | 15 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 198 | 34 | 31 | |
| 07:00 | 0 | 1 | 4 | 93 | 253 | 31 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 383 | 34 | 31 | |
| 08:00 | 0 | 1 | 9 | 86 | 282 | 60 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 440 | 34 | 31 | |
| 09:00 | 0 | 1 | 17 | 74 | 123 | 25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 240 | 34 | 30 | |
| 10:00 | 0 | 1 | 12 | 47 | 55 | 9 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 126 | 33 | 30 | |
| 11:00 | 0 | 2 | 5 | 63 | 85 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 163 | 33 | 30 | |
| 12 PM | 0 | 1 | 6 | 75 | 78 | 12 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 173 | 33 | 30 | |
| 13:00 | 0 | 2 | 9 | 55 | 72 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 141 | 32 | 29 | |
| 14:00 | 0 | 2 | 3 | 53 | 70 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 134 | 33 | 30 | |
| 15:00 | 0 | 0 | 4 | 67 | 95 | 19 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 187 | 34 | 31 | |
| 16:00 | 0 | 0 | 8 | 51 | 122 | 29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 210 | 34 | 31 | |
| 17:00 | 0 | 0 | 7 | 65 | 160 | 32 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 265 | 34 | 31 | |
| 18:00 | 0 | 0 | 2 | 42 | 76 | 19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 139 | 34 | 31 | |
| 19:00 | 0 | 1 | 2 | 38 | 43 | 13 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 99 | 34 | 30 | |
| 20:00 | 0 | 0 | 4 | 16 | 30 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 58 | 34 | 31 | |
| 21:00 | 0 | 0 | 2 | 12 | 14 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 34 | 35 | 31 | |
| 22:00 | 0 | 0 | 2 | 10 | 5 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19 | 33 | 29 | |
| 23:00 | 0 | 0 | 0 | 1 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 36 | 32 | |
| Total | 0 | 12 | 102 | 915 | 1712 | 305 | 12 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3060 | | | |
| % | 0.0% | 0.4% | 3.3% | 29.9% | 55.9% | 10.0% | 0.4% | 0.1% | 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% | 0.0% | 0.0% | 0.0% | | | | |
| AM Peak | | 11:00 | 09:00 | 07:00 | 08:00 | 08:00 | 06:00 | | | | | | | | | | | | | | | | | | | 08:00 | | | |
| Vol. | | 2 | 17 | 93 | 282 | 60 | 3 | | | | | | | | | | | | | | | | | | | 440 | | | |
| PM Peak | | 13:00 | 13:00 | 12:00 | 17:00 | 17:00 | 19:00 | 12:00 | | | | | | | | | | | | | | | | | | | 17:00 | | |
| Vol. | | 2 | 9 | 75 | 160 | 32 | 2 | 1 | | | | | | | | | | | | | | | | | | | 265 | | |

Stats
 15th Percentile : 25 MPH
 50th Percentile : 30 MPH
 85th Percentile : 34 MPH
 95th Percentile : 36 MPH

Mean Speed(Average) : 31 MPH
 10 MPH Pace Speed : 26-35 MPH
 Number in Pace : 2411
 Percent in Pace : 78.8%
 Number of Vehicles > 30 MPH : 1486
 Percent of Vehicles > 30 MPH : 48.5%

Boston Road (Route 30)
 east of East Main Street
 City, State: Southborough, MA
 Client: VHB/ G. Russell



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143831 F Speed
 Site Code: 12389.04

WB

| Start Time | 14 | 15 | 19 | 20 | 24 | 25 | 29 | 30 | 34 | 35 | 39 | 40 | 44 | 45 | 49 | 50 | 54 | 55 | 59 | 60 | 64 | 65 | 69 | 70 | 9999 | Total | 85th % ile | Ave Speed | |
|------------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------------|-----------|--|
| 05/07/ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | 0 | 0 | 0 | 0 | 6 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 29 | 28 | |
| 01:00 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 28 | 27 | |
| 02:00 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 28 | 27 | |
| 03:00 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 33 | 32 | |
| 04:00 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 36 | 32 | |
| 05:00 | 0 | 1 | 1 | 4 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 33 | 27 | | |
| 06:00 | 0 | 0 | 4 | 19 | 8 | 5 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 37 | 34 | 29 | | |
| 07:00 | 0 | 2 | 9 | 56 | 51 | 15 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 134 | 34 | 30 | | |
| 08:00 | 1 | 4 | 30 | 58 | 50 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 150 | 32 | 27 | | |
| 09:00 | 0 | 2 | 9 | 46 | 49 | 8 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 115 | 33 | 29 | | |
| 10:00 | 0 | 2 | 11 | 43 | 30 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 95 | 33 | 29 | | |
| 11:00 | 0 | 0 | 5 | 60 | 49 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 123 | 33 | 30 | | |
| 12 PM | 0 | 0 | 11 | 44 | 60 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 125 | 33 | 30 | | |
| 13:00 | 0 | 4 | 18 | 54 | 46 | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 139 | 33 | 29 | | |
| 14:00 | 0 | 3 | 18 | 51 | 52 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 135 | 33 | 29 | | |
| 15:00 | 0 | 2 | 21 | 60 | 108 | 22 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 215 | 34 | 30 | | |
| 16:00 | 13 | 29 | 56 | 144 | 78 | 32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 352 | 32 | 26 | | |
| 17:00 | 18 | 36 | 87 | 156 | 95 | 13 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 406 | 31 | 25 | | |
| 18:00 | 1 | 8 | 18 | 93 | 83 | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 217 | 33 | 28 | | |
| 19:00 | 0 | 0 | 2 | 38 | 45 | 11 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 98 | 34 | 31 | | |
| 20:00 | 0 | 1 | 3 | 35 | 23 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 67 | 33 | 29 | | |
| 21:00 | 0 | 0 | 1 | 5 | 15 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22 | 33 | 31 | | |
| 22:00 | 0 | 0 | 1 | 2 | 10 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 34 | 31 | | |
| 23:00 | 0 | 0 | 0 | 3 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 34 | 31 | | |
| Total | 33 | 94 | 305 | 980 | 861 | 194 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2475 | | | | |
| % | 1.3% | 3.8% | 12.3% | 39.6% | 34.8% | 7.8% | 0.3% | 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% | 0.0% | 0.0% | 0.0% | | | | | |
| AM Peak | 08:00 | 08:00 | 08:00 | 11:00 | 07:00 | 07:00 | 06:00 | | | | | | | | | | | | | | | | | | | 08:00 | | | |
| Vol. | 1 | 4 | 30 | 60 | 51 | 15 | 1 | | | | | | | | | | | | | | | | | | | 150 | | | |
| PM Peak | 17:00 | 17:00 | 17:00 | 17:00 | 15:00 | 16:00 | 15:00 | | | | | | | | | | | | | | | | | | | | 17:00 | | |
| Vol. | 18 | 36 | 87 | 156 | 108 | 32 | 2 | | | | | | | | | | | | | | | | | | | | 406 | | |

Stats

15th Percentile : 22 MPH
 50th Percentile : 27 MPH
 85th Percentile : 33 MPH
 95th Percentile : 35 MPH

Mean Speed(Average) : 28 MPH
 10 MPH Pace Speed : 25-34 MPH
 Number in Pace : 1634
 Percent in Pace : 66.0%
 Number of Vehicles > 30 MPH : 799
 Percent of Vehicles > 30 MPH : 32.3%

Boston Road (Route 30)
 east of East Main Street
 City, State: Southborough, MA
 Client: VHB/ G. Russell



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143831 F Speed
 Site Code: 12389.04

WB

| Start Time | 1 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | Total | 85th % ile | Ave Speed |
|------------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|------|-------|------------|-----------|
| 05/08/14 | 0 | 0 | 0 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 36 | 31 |
| 01:00 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 37 | 32 |
| 02:00 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 32 | 29 |
| 03:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * | * |
| 04:00 | 0 | 0 | 0 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 33 | 30 |
| 05:00 | 0 | 0 | 0 | 4 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 36 | 31 |
| 06:00 | 0 | 0 | 3 | 14 | 17 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 38 | 33 | 30 |
| 07:00 | 0 | 5 | 17 | 45 | 78 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 151 | 33 | 29 |
| 08:00 | 0 | 0 | 19 | 61 | 67 | 9 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 157 | 33 | 29 |
| 09:00 | 0 | 0 | 11 | 42 | 59 | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 117 | 33 | 30 |
| 10:00 | 0 | 3 | 10 | 40 | 40 | 6 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 100 | 33 | 29 |
| 11:00 | 0 | 1 | 9 | 51 | 48 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 115 | 32 | 29 |
| 12 PM | 0 | 1 | 7 | 48 | 61 | 9 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 128 | 33 | 30 |
| 13:00 | 0 | 3 | 12 | 43 | 51 | 11 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 121 | 33 | 29 |
| 14:00 | 0 | 3 | 10 | 54 | 65 | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 148 | 33 | 30 |
| 15:00 | 0 | 2 | 10 | 83 | 89 | 21 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 207 | 33 | 30 |
| 16:00 | 0 | 3 | 33 | 125 | 124 | 24 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 311 | 33 | 29 |
| 17:00 | 4 | 15 | 56 | 140 | 131 | 27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 373 | 32 | 28 |
| 18:00 | 1 | 5 | 16 | 69 | 77 | 19 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 189 | 33 | 29 |
| 19:00 | 0 | 0 | 7 | 50 | 38 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 102 | 33 | 29 |
| 20:00 | 0 | 0 | 2 | 16 | 27 | 5 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 51 | 34 | 31 |
| 21:00 | 0 | 0 | 2 | 10 | 15 | 5 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 33 | 35 | 31 |
| 22:00 | 0 | 0 | 0 | 8 | 6 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 34 | 30 |
| 23:00 | 0 | 0 | 0 | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 30 | 28 |
| Total | 5 | 41 | 224 | 912 | 1000 | 185 | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 2381 | | |
| % | 0.2% | 1.7% | 9.4% | 38.3% | 42.0% | 7.8% | 0.6% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | | | |
| AM Peak | | 07:00 | 08:00 | 08:00 | 07:00 | 08:00 | 08:00 | | | | | | | | 08:00 | |
| Vol. | | 5 | 19 | 61 | 78 | 9 | 1 | | | | | | | 157 | | |
| PM Peak | 17:00 | 17:00 | 17:00 | 17:00 | 17:00 | 17:00 | 12:00 | | | | | | | | 17:00 | |
| Vol. | 4 | 15 | 56 | 140 | 131 | 27 | 2 | | | | | | | 373 | | |

Stats

15th Percentile : 23 MPH
 50th Percentile : 28 MPH
 85th Percentile : 33 MPH
 95th Percentile : 36 MPH

Mean Speed(Average) : 29 MPH
 10 MPH Pace Speed : 25-34 MPH
 Number in Pace : 1714
 Percent in Pace : 72.0%
 Number of Vehicles > 30 MPH : 891
 Percent of Vehicles > 30 MPH : 37.4%