



City of Irvine  
 Portola Parkway  
 B/ State Route 133 - Arrowhead

File Name 256  
 Site Code: 194-16001  
 24 Hour Directional Volume Count

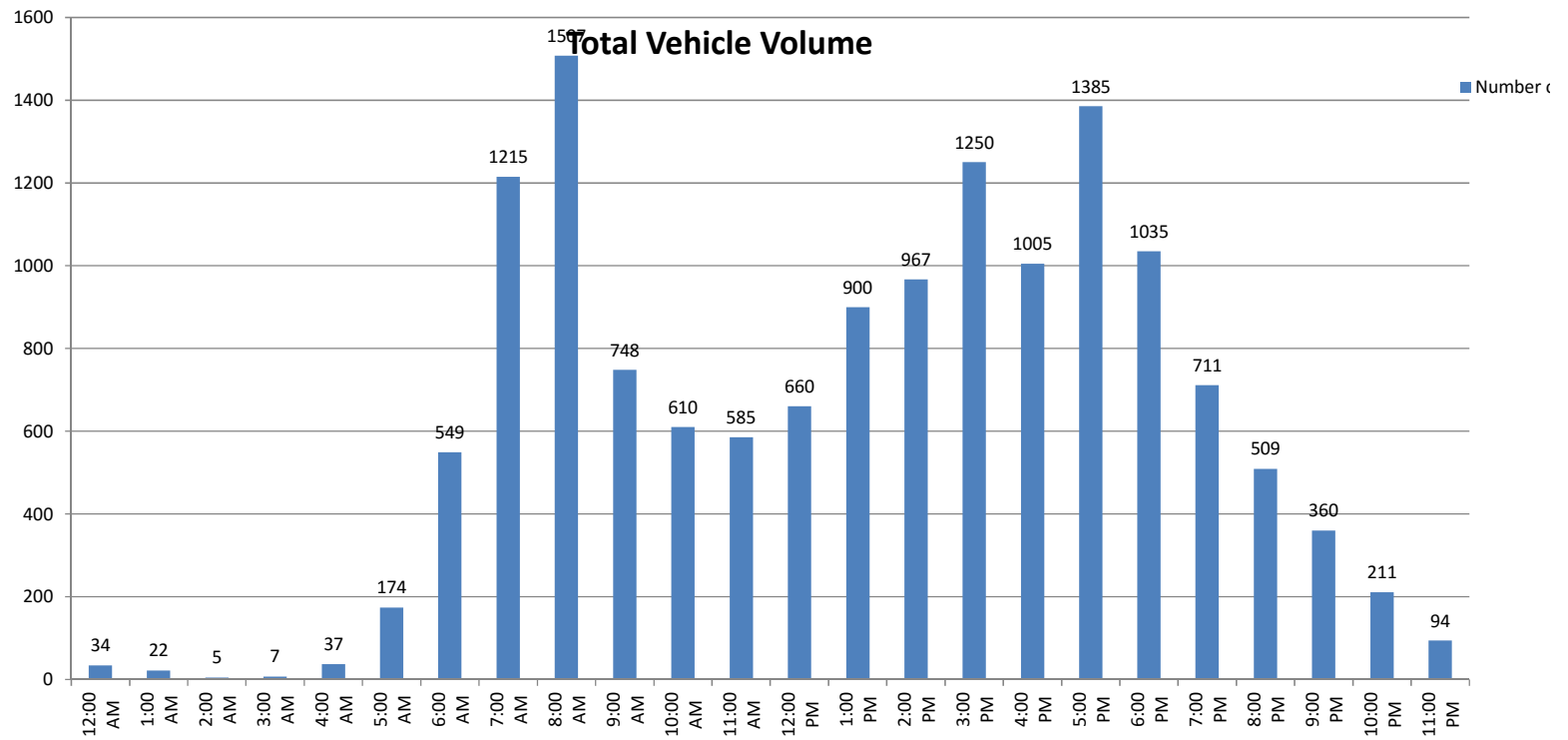
| Date:<br>5/11/2016 | Eastbound        |           |               |           | Westbound        |           |               |           | Combined Totals |           |
|--------------------|------------------|-----------|---------------|-----------|------------------|-----------|---------------|-----------|-----------------|-----------|
|                    | 15 Minute Totals |           | Hourly Totals |           | 15 Minute Totals |           | Hourly Totals |           | Morning         | Afternoon |
| Time               | Morning          | Afternoon | Morning       | Afternoon | Morning          | Afternoon | Morning       | Afternoon | Morning         | Afternoon |
| 12:00              | 5                | 103       |               |           | 1                | 86        |               |           |                 |           |
| 12:15              | 8                | 87        |               |           | 2                | 75        |               |           |                 |           |
| 12:30              | 7                | 73        |               |           | 3                | 80        |               |           |                 |           |
| 12:45              | 3                | 68        | 23            | 331       | 5                | 88        | 11            | 329       | 34              | 660       |
| 1:00               | 5                | 96        |               |           | 3                | 100       |               |           |                 |           |
| 1:15               | 5                | 72        |               |           | 1                | 126       |               |           |                 |           |
| 1:30               | 3                | 86        |               |           | 1                | 146       |               |           |                 |           |
| 1:45               | 2                | 126       | 15            | 380       | 2                | 148       | 7             | 520       | 22              | 900       |
| 2:00               | 3                | 136       |               |           | 0                | 110       |               |           |                 |           |
| 2:15               | 0                | 145       |               |           | 0                | 112       |               |           |                 |           |
| 2:30               | 1                | 112       |               |           | 0                | 119       |               |           |                 |           |
| 2:45               | 1                | 99        | 5             | 492       | 0                | 134       | 0             | 475       | 5               | 967       |
| 3:00               | 3                | 128       |               |           | 1                | 184       |               |           |                 |           |
| 3:15               | 0                | 142       |               |           | 0                | 163       |               |           |                 |           |
| 3:30               | 0                | 144       |               |           | 2                | 175       |               |           |                 |           |
| 3:45               | 0                | 136       | 3             | 550       | 1                | 178       | 4             | 700       | 7               | 1250      |
| 4:00               | 1                | 114       |               |           | 3                | 129       |               |           |                 |           |
| 4:15               | 5                | 121       |               |           | 2                | 154       |               |           |                 |           |
| 4:30               | 5                | 97        |               |           | 8                | 131       |               |           |                 |           |
| 4:45               | 6                | 114       | 17            | 446       | 7                | 145       | 20            | 559       | 37              | 1005      |
| 5:00               | 9                | 141       |               |           | 15               | 203       |               |           |                 |           |
| 5:15               | 15               | 144       |               |           | 14               | 226       |               |           |                 |           |
| 5:30               | 30               | 171       |               |           | 28               | 172       |               |           |                 |           |
| 5:45               | 27               | 174       | 81            | 630       | 36               | 154       | 93            | 755       | 174             | 1385      |
| 6:00               | 49               | 129       |               |           | 36               | 159       |               |           |                 |           |
| 6:15               | 72               | 146       |               |           | 48               | 125       |               |           |                 |           |
| 6:30               | 78               | 132       |               |           | 88               | 112       |               |           |                 |           |
| 6:45               | 79               | 126       | 278           | 533       | 99               | 106       | 271           | 502       | 549             | 1035      |
| 7:00               | 75               | 110       |               |           | 138              | 92        |               |           |                 |           |
| 7:15               | 90               | 111       |               |           | 164              | 82        |               |           |                 |           |
| 7:30               | 94               | 101       |               |           | 258              | 66        |               |           |                 |           |
| 7:45               | 145              | 82        | 404           | 404       | 251              | 67        | 811           | 307       | 1215            | 711       |
| 8:00               | 132              | 86        |               |           | 271              | 51        |               |           |                 |           |
| 8:15               | 129              | 80        |               |           | 241              | 61        |               |           |                 |           |
| 8:30               | 129              | 82        |               |           | 278              | 39        |               |           |                 |           |
| 8:45               | 174              | 83        | 564           | 331       | 153              | 27        | 943           | 178       | 1507            | 509       |
| 9:00               | 92               | 64        |               |           | 133              | 36        |               |           |                 |           |
| 9:15               | 85               | 78        |               |           | 110              | 33        |               |           |                 |           |
| 9:30               | 60               | 60        |               |           | 96               | 25        |               |           |                 |           |
| 9:45               | 62               | 36        | 299           | 238       | 110              | 28        | 449           | 122       | 748             | 360       |
| 10:00              | 63               | 43        |               |           | 71               | 24        |               |           |                 |           |
| 10:15              | 63               | 29        |               |           | 95               | 17        |               |           |                 |           |
| 10:30              | 66               | 28        |               |           | 102              | 23        |               |           |                 |           |
| 10:45              | 73               | 30        | 265           | 130       | 77               | 17        | 345           | 81        | 610             | 211       |
| 11:00              | 60               | 21        |               |           | 80               | 6         |               |           |                 |           |
| 11:15              | 69               | 26        |               |           | 102              | 10        |               |           |                 |           |
| 11:30              | 56               | 11        |               |           | 78               | 4         |               |           |                 |           |
| 11:45              | 71               | 8         | 256           | 66        | 69               | 8         | 329           | 28        | 585             | 94        |
| Totals             | 2210             | 4531      |               |           | 3283             | 4556      |               |           |                 |           |
| Combined Totals    |                  | 6741      |               |           |                  | 7839      |               |           |                 |           |
| ADT                |                  |           |               |           |                  |           |               |           |                 | 14580     |
| AM Peak Hour       | 800              | AM        |               |           | 745              | AM        |               |           |                 |           |
| Volume             | 564              |           |               |           | 1041             |           |               |           |                 |           |
| P.H.F.             | 0.810            |           |               |           | 0.936            |           |               |           |                 |           |
| PM Peak Hour       |                  | 500       | PM            |           |                  | 500       | PM            |           |                 |           |
| Volume             |                  | 630       |               |           |                  | 755       |               |           |                 |           |
| P.H.F.             |                  | 0.905     |               |           |                  | 0.835     |               |           |                 |           |
| Percentage         | 32.8%            | 67.2%     |               |           | 41.9%            | 58.1%     |               |           |                 |           |



24 Hour Volume Plot  
**Portola Parkway**  
**B/ State Route 133 - Arrowhead**  
 5/11/2016

Westbound

| Start Time | 5/11/2016 |
|------------|-----------|
| 12:00 AM   | 34        |
| 1:00 AM    | 22        |
| 2:00 AM    | 5         |
| 3:00 AM    | 7         |
| 4:00 AM    | 37        |
| 5:00 AM    | 174       |
| 6:00 AM    | 549       |
| 7:00 AM    | 1215      |
| 8:00 AM    | 1507      |
| 9:00 AM    | 748       |
| 10:00 AM   | 610       |
| 11:00 AM   | 585       |
| 12:00 PM   | 660       |
| 1:00 PM    | 900       |
| 2:00 PM    | 967       |
| 3:00 PM    | 1250      |
| 4:00 PM    | 1005      |
| 5:00 PM    | 1385      |
| 6:00 PM    | 1035      |
| 7:00 PM    | 711       |
| 8:00 PM    | 509       |
| 9:00 PM    | 360       |
| 10:00 PM   | 211       |
| 11:00 PM   | 94        |
| Total      | 14580     |



Volumes represent the combined totals for both directions



City of Irvine  
 Portola Parkway  
 B/ State Route 133 - Arrowhead

File Name 256  
 Site Code: 194-16001  
 24 Hour Directional Volume Count

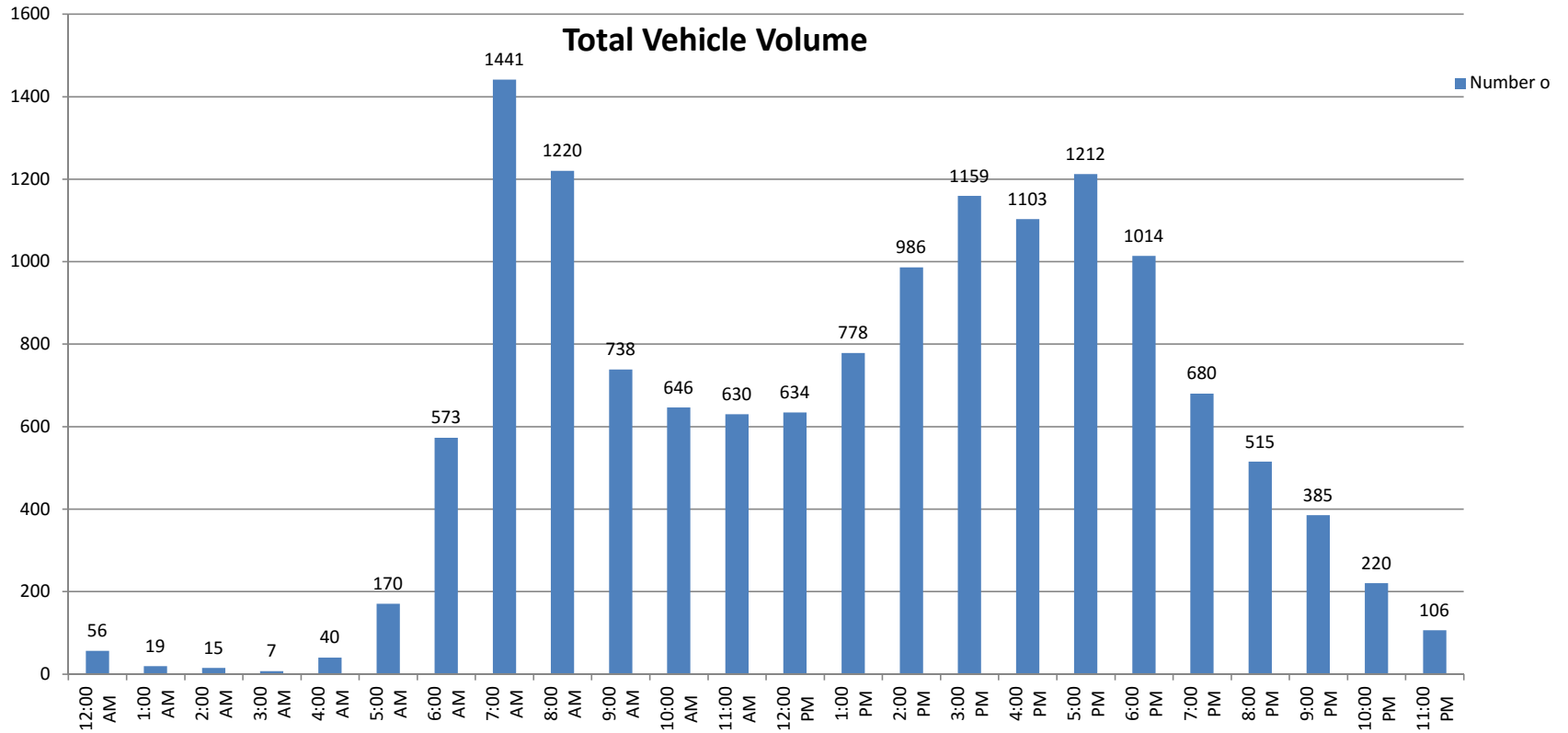
| Date:<br>5/12/2016 | Eastbound        |           |               |           | Westbound        |           |               |           | Combined Totals |           |
|--------------------|------------------|-----------|---------------|-----------|------------------|-----------|---------------|-----------|-----------------|-----------|
|                    | 15 Minute Totals |           | Hourly Totals |           | 15 Minute Totals |           | Hourly Totals |           | Morning         | Afternoon |
| Time               | Morning          | Afternoon | Morning       | Afternoon | Morning          | Afternoon | Morning       | Afternoon | Morning         | Afternoon |
| 12:00              | 11               | 56        |               |           | 9                | 88        |               |           |                 |           |
| 12:15              | 10               | 80        |               |           | 5                | 69        |               |           |                 |           |
| 12:30              | 10               | 90        |               |           | 5                | 83        |               |           |                 |           |
| 12:45              | 3                | 90        | 34            | 316       | 3                | 78        | 22            | 318       | 56              | 634       |
| 1:00               | 2                | 70        |               |           | 2                | 100       |               |           |                 |           |
| 1:15               | 4                | 62        |               |           | 3                | 89        |               |           |                 |           |
| 1:30               | 2                | 80        |               |           | 2                | 140       |               |           |                 |           |
| 1:45               | 4                | 124       | 12            | 336       | 0                | 113       | 7             | 442       | 19              | 778       |
| 2:00               | 1                | 136       |               |           | 3                | 103       |               |           |                 |           |
| 2:15               | 2                | 118       |               |           | 0                | 130       |               |           |                 |           |
| 2:30               | 4                | 108       |               |           | 1                | 140       |               |           |                 |           |
| 2:45               | 0                | 119       | 7             | 481       | 4                | 132       | 8             | 505       | 15              | 986       |
| 3:00               | 1                | 110       |               |           | 2                | 165       |               |           |                 |           |
| 3:15               | 0                | 152       |               |           | 0                | 158       |               |           |                 |           |
| 3:30               | 0                | 121       |               |           | 0                | 177       |               |           |                 |           |
| 3:45               | 1                | 124       | 2             | 507       | 3                | 152       | 5             | 652       | 7               | 1159      |
| 4:00               | 3                | 119       |               |           | 1                | 138       |               |           |                 |           |
| 4:15               | 5                | 103       |               |           | 4                | 158       |               |           |                 |           |
| 4:30               | 6                | 144       |               |           | 6                | 147       |               |           |                 |           |
| 4:45               | 3                | 133       | 17            | 499       | 12               | 161       | 23            | 604       | 40              | 1103      |
| 5:00               | 9                | 136       |               |           | 10               | 145       |               |           |                 |           |
| 5:15               | 14               | 141       |               |           | 20               | 186       |               |           |                 |           |
| 5:30               | 25               | 124       |               |           | 23               | 173       |               |           |                 |           |
| 5:45               | 29               | 159       | 77            | 560       | 40               | 148       | 93            | 652       | 170             | 1212      |
| 6:00               | 45               | 152       |               |           | 35               | 128       |               |           |                 |           |
| 6:15               | 68               | 169       |               |           | 62               | 114       |               |           |                 |           |
| 6:30               | 78               | 118       |               |           | 78               | 121       |               |           |                 |           |
| 6:45               | 89               | 120       | 280           | 559       | 118              | 92        | 293           | 455       | 573             | 1014      |
| 7:00               | 81               | 111       |               |           | 144              | 72        |               |           |                 |           |
| 7:15               | 79               | 103       |               |           | 209              | 73        |               |           |                 |           |
| 7:30               | 119              | 108       |               |           | 353              | 60        |               |           |                 |           |
| 7:45               | 167              | 82        | 446           | 404       | 289              | 71        | 995           | 276       | 1441            | 680       |
| 8:00               | 144              | 86        |               |           | 268              | 44        |               |           |                 |           |
| 8:15               | 144              | 78        |               |           | 180              | 47        |               |           |                 |           |
| 8:30               | 110              | 83        |               |           | 143              | 48        |               |           |                 |           |
| 8:45               | 87               | 81        | 485           | 328       | 144              | 48        | 735           | 187       | 1220            | 515       |
| 9:00               | 62               | 72        |               |           | 130              | 32        |               |           |                 |           |
| 9:15               | 81               | 64        |               |           | 123              | 41        |               |           |                 |           |
| 9:30               | 72               | 58        |               |           | 107              | 41        |               |           |                 |           |
| 9:45               | 62               | 50        | 277           | 244       | 101              | 27        | 461           | 141       | 738             | 385       |
| 10:00              | 63               | 44        |               |           | 89               | 24        |               |           |                 |           |
| 10:15              | 52               | 36        |               |           | 96               | 29        |               |           |                 |           |
| 10:30              | 90               | 30        |               |           | 81               | 17        |               |           |                 |           |
| 10:45              | 81               | 30        | 286           | 140       | 94               | 10        | 360           | 80        | 646             | 220       |
| 11:00              | 62               | 21        |               |           | 93               | 14        |               |           |                 |           |
| 11:15              | 77               | 16        |               |           | 92               | 14        |               |           |                 |           |
| 11:30              | 73               | 15        |               |           | 79               | 10        |               |           |                 |           |
| 11:45              | 80               | 7         | 292           | 59        | 74               | 9         | 338           | 47        | 630             | 106       |
| Totals             | 2215             | 4433      |               |           | 3340             | 4359      |               |           |                 |           |
| Combined Totals    |                  | 6648      |               |           |                  | 7699      |               |           |                 |           |
| ADT                |                  |           |               |           |                  |           |               |           |                 | 14347     |
| AM Peak Hour       | 730              | AM        |               |           | 715              | AM        |               |           |                 |           |
| Volume             | 574              |           |               |           | 1119             |           |               |           |                 |           |
| P.H.F.             | 0.859            |           |               |           | 0.792            |           |               |           |                 |           |
| PM Peak Hour       |                  | 530       | PM            |           |                  | 445       | PM            |           |                 |           |
| Volume             |                  | 604       |               |           |                  | 665       |               |           |                 |           |
| P.H.F.             |                  | 0.893     |               |           |                  | 0.894     |               |           |                 |           |
| Percentage         | 33.3%            | 66.7%     |               |           | 43.4%            | 56.6%     |               |           |                 |           |



24 Hour Volume Plot  
**Portola Parkway**  
**B/ State Route 133 - Arrowhead**  
 5/12/2016

Westbound

| Start Time | 5/12/2016 |
|------------|-----------|
| 12:00 AM   | 56        |
| 1:00 AM    | 19        |
| 2:00 AM    | 15        |
| 3:00 AM    | 7         |
| 4:00 AM    | 40        |
| 5:00 AM    | 170       |
| 6:00 AM    | 573       |
| 7:00 AM    | 1441      |
| 8:00 AM    | 1220      |
| 9:00 AM    | 738       |
| 10:00 AM   | 646       |
| 11:00 AM   | 630       |
| 12:00 PM   | 634       |
| 1:00 PM    | 778       |
| 2:00 PM    | 986       |
| 3:00 PM    | 1159      |
| 4:00 PM    | 1103      |
| 5:00 PM    | 1212      |
| 6:00 PM    | 1014      |
| 7:00 PM    | 680       |
| 8:00 PM    | 515       |
| 9:00 PM    | 385       |
| 10:00 PM   | 220       |
| 11:00 PM   | 106       |
| Total      | 14347     |



Volumes represent the combined totals for both directions



City of Irvine  
 Portola Parkway  
 B/ State Route 133 - Arrowhead

File Name 256  
 Site Code: 194-16001  
 24 Hour Directional Volume Count

| Date:<br>Two Day Average | Eastbound        |           |               |           | Westbound        |           |               |           | Combined Totals |           |
|--------------------------|------------------|-----------|---------------|-----------|------------------|-----------|---------------|-----------|-----------------|-----------|
|                          | 15 Minute Totals |           | Hourly Totals |           | 15 Minute Totals |           | Hourly Totals |           | Morning         | Afternoon |
| Time                     | Morning          | Afternoon | Morning       | Afternoon | Morning          | Afternoon | Morning       | Afternoon | Morning         | Afternoon |
| 12:00                    | 8                | 80        |               |           | 5                | 87        |               |           |                 |           |
| 12:15                    | 9                | 84        |               |           | 4                | 72        |               |           |                 |           |
| 12:30                    | 9                | 82        |               |           | 4                | 82        |               |           |                 |           |
| 12:45                    | 3                | 79        | 29            | 324       | 4                | 83        | 17            | 324       | 45              | 647       |
| 1:00                     | 4                | 83        |               |           | 3                | 100       |               |           |                 |           |
| 1:15                     | 5                | 67        |               |           | 2                | 108       |               |           |                 |           |
| 1:30                     | 3                | 83        |               |           | 2                | 143       |               |           |                 |           |
| 1:45                     | 3                | 125       | 14            | 358       | 1                | 131       | 7             | 481       | 21              | 839       |
| 2:00                     | 2                | 136       |               |           | 2                | 107       |               |           |                 |           |
| 2:15                     | 1                | 132       |               |           | 0                | 121       |               |           |                 |           |
| 2:30                     | 3                | 110       |               |           | 1                | 130       |               |           |                 |           |
| 2:45                     | 1                | 109       | 6             | 487       | 2                | 133       | 4             | 490       | 10              | 977       |
| 3:00                     | 2                | 119       |               |           | 2                | 175       |               |           |                 |           |
| 3:15                     | 0                | 147       |               |           | 0                | 161       |               |           |                 |           |
| 3:30                     | 0                | 133       |               |           | 1                | 176       |               |           |                 |           |
| 3:45                     | 1                | 130       | 3             | 529       | 2                | 165       | 5             | 676       | 7               | 1205      |
| 4:00                     | 2                | 117       |               |           | 2                | 134       |               |           |                 |           |
| 4:15                     | 5                | 112       |               |           | 3                | 156       |               |           |                 |           |
| 4:30                     | 6                | 121       |               |           | 7                | 139       |               |           |                 |           |
| 4:45                     | 5                | 124       | 17            | 473       | 10               | 153       | 22            | 582       | 39              | 1054      |
| 5:00                     | 9                | 139       |               |           | 13               | 174       |               |           |                 |           |
| 5:15                     | 15               | 143       |               |           | 17               | 206       |               |           |                 |           |
| 5:30                     | 28               | 148       |               |           | 26               | 173       |               |           |                 |           |
| 5:45                     | 28               | 167       | 79            | 595       | 38               | 151       | 93            | 704       | 172             | 1299      |
| 6:00                     | 47               | 141       |               |           | 36               | 144       |               |           |                 |           |
| 6:15                     | 70               | 158       |               |           | 55               | 120       |               |           |                 |           |
| 6:30                     | 78               | 125       |               |           | 83               | 117       |               |           |                 |           |
| 6:45                     | 84               | 123       | 279           | 546       | 109              | 99        | 282           | 479       | 561             | 1025      |
| 7:00                     | 78               | 111       |               |           | 141              | 82        |               |           |                 |           |
| 7:15                     | 85               | 107       |               |           | 187              | 78        |               |           |                 |           |
| 7:30                     | 107              | 105       |               |           | 306              | 63        |               |           |                 |           |
| 7:45                     | 156              | 82        | 425           | 404       | 270              | 69        | 903           | 292       | 1328            | 696       |
| 8:00                     | 138              | 86        |               |           | 270              | 48        |               |           |                 |           |
| 8:15                     | 137              | 79        |               |           | 211              | 54        |               |           |                 |           |
| 8:30                     | 120              | 83        |               |           | 211              | 44        |               |           |                 |           |
| 8:45                     | 131              | 82        | 525           | 330       | 149              | 38        | 839           | 183       | 1364            | 512       |
| 9:00                     | 77               | 68        |               |           | 132              | 34        |               |           |                 |           |
| 9:15                     | 83               | 71        |               |           | 117              | 37        |               |           |                 |           |
| 9:30                     | 66               | 59        |               |           | 102              | 33        |               |           |                 |           |
| 9:45                     | 62               | 43        | 288           | 241       | 106              | 28        | 455           | 132       | 743             | 373       |
| 10:00                    | 63               | 44        |               |           | 80               | 24        |               |           |                 |           |
| 10:15                    | 58               | 33        |               |           | 96               | 23        |               |           |                 |           |
| 10:30                    | 78               | 29        |               |           | 92               | 20        |               |           |                 |           |
| 10:45                    | 77               | 30        | 276           | 135       | 86               | 14        | 353           | 81        | 628             | 216       |
| 11:00                    | 61               | 21        |               |           | 87               | 10        |               |           |                 |           |
| 11:15                    | 73               | 21        |               |           | 97               | 12        |               |           |                 |           |
| 11:30                    | 65               | 13        |               |           | 79               | 7         |               |           |                 |           |
| 11:45                    | 76               | 8         | 274           | 63        | 72               | 9         | 334           | 38        | 608             | 100       |
| Totals                   | 2213             | 4482      |               |           | 3312             | 4458      |               |           |                 |           |
| Combined Totals          |                  | 6695      |               |           |                  | 7769      |               |           |                 |           |
| ADT                      |                  |           |               |           |                  |           |               |           |                 | 14464     |
| AM Peak Hour             | 745              | AM        |               |           | 730              | AM        |               |           |                 |           |
| Volume                   | 550              |           |               |           | 1056             |           |               |           |                 |           |
| P.H.F.                   | 0.881            |           |               |           | 0.864            |           |               |           |                 |           |
| PM Peak Hour             |                  | 530       | PM            |           |                  | 445       | PM            |           |                 |           |
| Volume                   |                  | 612       |               |           |                  | 706       |               |           |                 |           |
| P.H.F.                   |                  | 0.919     |               |           |                  | 0.856     |               |           |                 |           |
| Percentage               | 33.0%            | 67.0%     |               |           | 42.6%            | 57.4%     |               |           |                 |           |