



**MINNESOTA DEPT OF TRANSPORTATION**  
**TRAFFIC DATA COLLECTION - METRO**

Loc: th 65 @ 47th ave ne 2003  
 ref. pt.: 005+00.386  
 data collected by: alliant eng., inc.  
 tmc: am, noon, pm

File Name : T.H. 65 at 47th  
 Site Code : 00000005  
 Start Date : 7/31/2003  
 Page No : 1

Groups Printed- Unshifted

| Start Time | T.H. 65 Southbound |      |       |      |            | 47th Ave. NE Westbound |      |       |      |            | T.H. 65 Northbound |      |       |      |            | 47th Ave. NE Eastbound |      |       |      |            | Int. Total |
|------------|--------------------|------|-------|------|------------|------------------------|------|-------|------|------------|--------------------|------|-------|------|------------|------------------------|------|-------|------|------------|------------|
|            | Left               | Thru | Right | Peds | App. Total | Left                   | Thru | Right | Peds | App. Total | Left               | Thru | Right | Peds | App. Total | Left                   | Thru | Right | Peds | App. Total |            |
| 06:00      | 3                  | 93   | 0     | 0    | 96         | 0                      | 0    | 4     | 0    | 4          | 0                  | 54   | 1     | 1    | 56         | 0                      | 0    | 0     | 3    | 3          | 159        |
| 06:15      | 1                  | 163  | 0     | 1    | 165        | 0                      | 0    | 3     | 0    | 3          | 0                  | 68   | 1     | 0    | 69         | 0                      | 0    | 0     | 0    | 0          | 237        |
| 06:30      | 1                  | 155  | 0     | 0    | 156        | 1                      | 0    | 7     | 0    | 8          | 0                  | 88   | 0     | 1    | 89         | 0                      | 0    | 0     | 1    | 1          | 254        |
| 06:45      | 0                  | 203  | 0     | 0    | 203        | 1                      | 0    | 6     | 0    | 7          | 0                  | 82   | 2     | 0    | 84         | 0                      | 0    | 0     | 0    | 0          | 294        |
| Total      | 5                  | 614  | 0     | 1    | 620        | 2                      | 0    | 20    | 0    | 22         | 0                  | 292  | 4     | 2    | 298        | 0                      | 0    | 0     | 4    | 4          | 944        |
| 07:00      | 0                  | 224  | 0     | 0    | 224        | 2                      | 0    | 5     | 0    | 7          | 0                  | 98   | 2     | 0    | 100        | 0                      | 0    | 0     | 0    | 0          | 331        |
| 07:15      | 3                  | 268  | 0     | 0    | 271        | 1                      | 0    | 15    | 0    | 16         | 0                  | 88   | 3     | 2    | 93         | 0                      | 0    | 0     | 1    | 1          | 381        |
| 07:30      | 0                  | 257  | 0     | 0    | 257        | 6                      | 0    | 6     | 0    | 12         | 0                  | 111  | 5     | 3    | 119        | 0                      | 0    | 0     | 0    | 0          | 388        |
| 07:45      | 2                  | 219  | 0     | 0    | 221        | 3                      | 0    | 7     | 0    | 10         | 0                  | 115  | 4     | 3    | 122        | 0                      | 0    | 0     | 0    | 0          | 353        |
| Total      | 5                  | 968  | 0     | 0    | 973        | 12                     | 0    | 33    | 0    | 45         | 0                  | 412  | 14    | 8    | 434        | 0                      | 0    | 0     | 1    | 1          | 1453       |
| 08:00      | 2                  | 163  | 0     | 0    | 165        | 2                      | 0    | 4     | 0    | 6          | 0                  | 110  | 0     | 1    | 111        | 0                      | 0    | 0     | 3    | 3          | 285        |
| 08:15      | 1                  | 138  | 0     | 0    | 139        | 0                      | 0    | 4     | 0    | 4          | 0                  | 135  | 3     | 1    | 139        | 0                      | 0    | 0     | 0    | 0          | 282        |
| 08:30      | 2                  | 145  | 0     | 0    | 147        | 0                      | 0    | 6     | 0    | 6          | 0                  | 114  | 1     | 1    | 116        | 0                      | 0    | 0     | 1    | 1          | 270        |
| 08:45      | 5                  | 209  | 0     | 1    | 215        | 3                      | 0    | 8     | 0    | 11         | 0                  | 135  | 5     | 1    | 141        | 0                      | 0    | 0     | 3    | 3          | 370        |
| Total      | 10                 | 655  | 0     | 1    | 666        | 5                      | 0    | 22    | 0    | 27         | 0                  | 494  | 9     | 4    | 507        | 0                      | 0    | 0     | 7    | 7          | 1207       |
| 11:00      | 3                  | 219  | 0     | 1    | 223        | 8                      | 0    | 4     | 0    | 12         | 0                  | 246  | 10    | 7    | 263        | 0                      | 0    | 0     | 0    | 0          | 498        |
| 11:15      | 1                  | 209  | 0     | 1    | 211        | 13                     | 0    | 11    | 0    | 24         | 0                  | 230  | 6     | 0    | 236        | 0                      | 0    | 0     | 0    | 0          | 471        |
| 11:30      | 5                  | 217  | 6     | 0    | 228        | 9                      | 0    | 1     | 0    | 10         | 0                  | 226  | 16    | 3    | 245        | 0                      | 0    | 0     | 1    | 1          | 484        |
| 11:45      | 8                  | 232  | 0     | 0    | 240        | 10                     | 0    | 13    | 0    | 23         | 0                  | 245  | 14    | 4    | 263        | 0                      | 0    | 0     | 0    | 0          | 526        |
| Total      | 17                 | 877  | 6     | 2    | 902        | 40                     | 0    | 29    | 0    | 69         | 0                  | 947  | 46    | 14   | 1007       | 0                      | 0    | 0     | 1    | 1          | 1979       |
| 12:00      | 8                  | 216  | 0     | 0    | 224        | 12                     | 0    | 2     | 0    | 14         | 0                  | 250  | 21    | 0    | 271        | 0                      | 0    | 0     | 1    | 1          | 510        |
| 12:15      | 7                  | 226  | 0     | 0    | 233        | 10                     | 0    | 13    | 2    | 25         | 0                  | 277  | 11    | 4    | 292        | 0                      | 0    | 0     | 1    | 1          | 551        |
| 12:30      | 3                  | 235  | 0     | 0    | 238        | 11                     | 0    | 12    | 0    | 23         | 0                  | 230  | 11    | 9    | 250        | 0                      | 0    | 0     | 4    | 4          | 515        |
| 12:45      | 9                  | 257  | 0     | 0    | 266        | 0                      | 0    | 0     | 0    | 0          | 0                  | 0    | 0     | 0    | 0          | 0                      | 0    | 0     | 0    | 0          | 266        |
| Total      | 27                 | 934  | 0     | 0    | 961        | 33                     | 0    | 27    | 2    | 62         | 0                  | 757  | 43    | 13   | 813        | 0                      | 0    | 0     | 6    | 6          | 1842       |
| 15:00      | 3                  | 218  | 0     | 0    | 221        | 10                     | 0    | 12    | 0    | 22         | 0                  | 267  | 14    | 0    | 281        | 0                      | 0    | 1     | 2    | 3          | 527        |
| 15:15      | 6                  | 227  | 1     | 0    | 234        | 6                      | 0    | 5     | 0    | 11         | 0                  | 283  | 5     | 2    | 290        | 0                      | 0    | 0     | 0    | 0          | 535        |
| 15:30      | 8                  | 134  | 0     | 0    | 142        | 4                      | 0    | 13    | 0    | 17         | 0                  | 298  | 7     | 1    | 306        | 0                      | 0    | 0     | 3    | 3          | 468        |
| 15:45      | 0                  | 257  | 0     | 0    | 257        | 4                      | 0    | 9     | 0    | 13         | 0                  | 315  | 3     | 4    | 322        | 0                      | 0    | 0     | 4    | 4          | 596        |
| Total      | 17                 | 836  | 1     | 0    | 854        | 24                     | 0    | 39    | 0    | 63         | 0                  | 1163 | 29    | 7    | 1199       | 0                      | 0    | 1     | 9    | 10         | 2126       |
| 16:00      | 0                  | 234  | 0     | 0    | 234        | 11                     | 0    | 12    | 0    | 23         | 0                  | 302  | 18    | 1    | 321        | 0                      | 0    | 0     | 4    | 4          | 582        |
| 16:15      | 4                  | 223  | 0     | 0    | 227        | 8                      | 0    | 12    | 0    | 20         | 0                  | 306  | 11    | 1    | 318        | 0                      | 0    | 0     | 2    | 2          | 567        |
| 16:30      | 0                  | 232  | 0     | 0    | 232        | 3                      | 0    | 8     | 1    | 12         | 0                  | 351  | 9     | 2    | 362        | 0                      | 0    | 0     | 2    | 2          | 608        |
| 16:45      | 3                  | 266  | 0     | 0    | 269        | 6                      | 0    | 11    | 0    | 17         | 0                  | 313  | 12    | 0    | 325        | 0                      | 0    | 1     | 2    | 3          | 614        |
| Total      | 7                  | 955  | 0     | 0    | 962        | 28                     | 0    | 43    | 1    | 72         | 0                  | 1272 | 50    | 4    | 1326       | 0                      | 0    | 1     | 10   | 11         | 2371       |
| 17:00      | 2                  | 227  | 0     | 0    | 229        | 10                     | 0    | 10    | 0    | 20         | 0                  | 334  | 14    | 4    | 352        | 0                      | 0    | 0     | 0    | 0          | 601        |
| 17:15      | 0                  | 234  | 0     | 0    | 234        | 10                     | 0    | 8     | 0    | 18         | 0                  | 350  | 7     | 2    | 359        | 0                      | 3    | 0     | 0    | 3          | 614        |
| 17:30      | 0                  | 303  | 0     | 0    | 303        | 15                     | 0    | 11    | 2    | 28         | 0                  | 285  | 12    | 5    | 302        | 0                      | 0    | 0     | 1    | 1          | 634        |
| 17:45      | 4                  | 264  | 0     | 0    | 268        | 7                      | 0    | 10    | 1    | 18         | 0                  | 292  | 9     | 1    | 302        | 0                      | 0    | 0     | 2    | 2          | 590        |
| Total      | 6                  | 1028 | 0     | 0    | 1034       | 42                     | 0    | 39    | 3    | 84         | 0                  | 1261 | 42    | 12   | 1315       | 0                      | 3    | 0     | 3    | 6          | 2439       |



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File Name : T.H. 65 at 47th  
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 Page No : 2

Groups Printed- Unshifted

|             | T.H. 65 Southbound |      |       |      |            | 47th Ave. NE Westbound |      |       |      |            | T.H. 65 Northbound |      |       |      |            | 47th Ave. NE Eastbound |      |       |      |            | Int. Total |
|-------------|--------------------|------|-------|------|------------|------------------------|------|-------|------|------------|--------------------|------|-------|------|------------|------------------------|------|-------|------|------------|------------|
|             | Left               | Thru | Right | Peds | App. Total | Left                   | Thru | Right | Peds | App. Total | Left               | Thru | Right | Peds | App. Total | Left                   | Thru | Right | Peds | App. Total |            |
| Grand Total | 94                 | 6867 | 7     | 4    | 6972       | 186                    | 0    | 252   | 6    | 444        | 0                  | 6598 | 237   | 64   | 6899       | 0                      | 3    | 2     | 41   | 46         | 14361      |
| Apprch %    | 1.3                | 98.5 | 0.1   | 0.1  |            | 41.9                   | 0    | 56.8  | 1.4  |            | 0                  | 95.6 | 3.4   | 0.9  |            | 0                      | 6.5  | 4.3   | 89.1 |            |            |
| Total %     | 0.7                | 47.8 | 0     | 0    | 48.5       | 1.3                    | 0    | 1.8   | 0    | 3.1        | 0                  | 45.9 | 1.7   | 0.4  | 48         | 0                      | 0    | 0     | 0.3  | 0.3        |            |

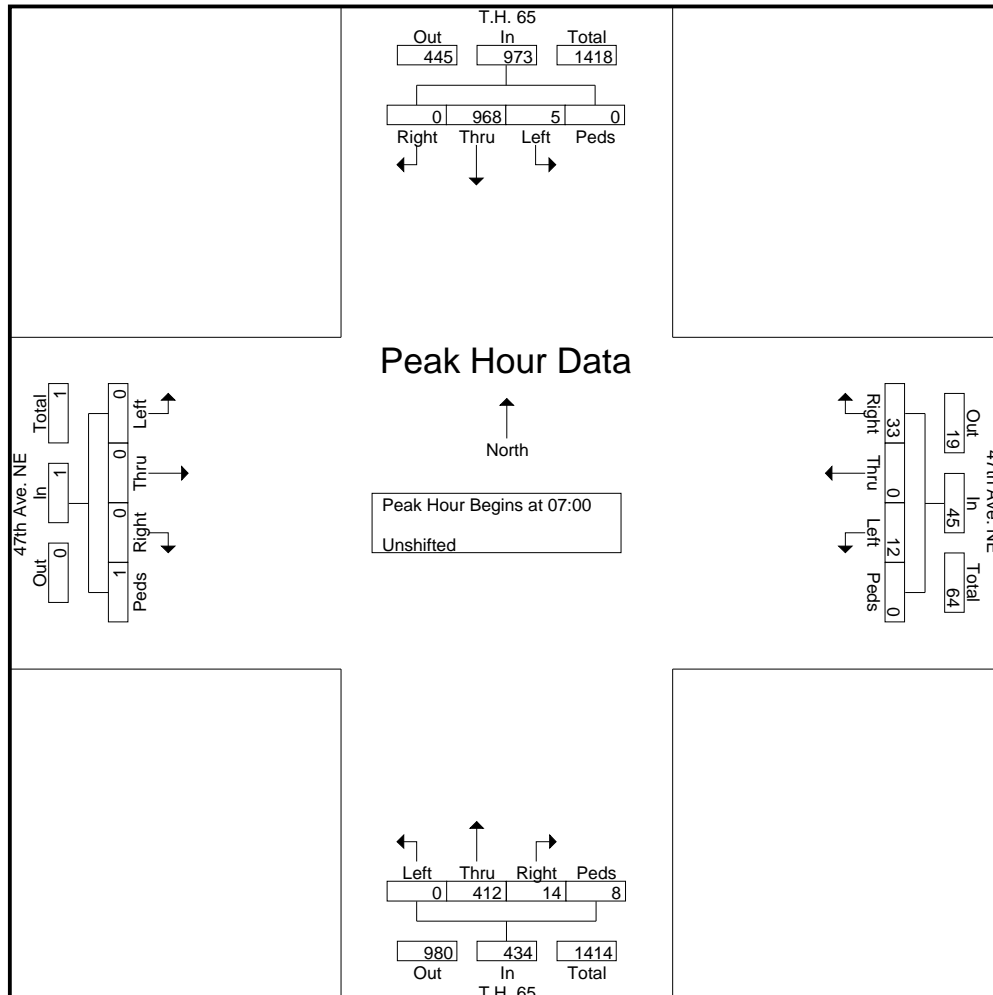


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File Name : T.H. 65 at 47th  
 Site Code : 00000005  
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 Page No : 3

| Start Time   | T.H. 65 Southbound |            |       |      |            | 47th Ave. NE Westbound |      |           |      |            | T.H. 65 Northbound |            |          |          |            | 47th Ave. NE Eastbound |      |       |          |            | Int. Total |
|--|--------------------|------------|-------|------|------------|------------------------|------|-----------|------|------------|--------------------|------------|----------|----------|------------|------------------------|------|-------|----------|------------|------------|
|  | Left               | Thru       | Right | Peds | App. Total | Left                   | Thru | Right     | Peds | App. Total | Left               | Thru       | Right    | Peds     | App. Total | Left                   | Thru | Right | Peds     | App. Total |            |
| Peak Hour Analysis From 06:00 to 08:45 - Peak 1 of 1 |                    |            |       |      |            |                        |      |           |      |            |                    |            |          |          |            |                        |      |       |          |            |            |
| Peak Hour for Entire Intersection Begins at 07:00    |                    |            |       |      |            |                        |      |           |      |            |                    |            |          |          |            |                        |      |       |          |            |            |
| 07:00  | 0                  | 224        | 0     | 0    | 224        | 2                      | 0    | 5         | 0    | 7          | 0                  | 98         | 2        | 0        | 100        | 0                      | 0    | 0     | 0        | 0          | 331        |
| 07:15  | <b>3</b>           | <b>268</b> | 0     | 0    | <b>271</b> | 1                      | 0    | <b>15</b> | 0    | <b>16</b>  | 0                  | 88         | 3        | 2        | 93         | 0                      | 0    | 0     | <b>1</b> | <b>1</b>   | 381        |
| 07:30  | 0                  | 257        | 0     | 0    | 257        | <b>6</b>               | 0    | 6         | 0    | 12         | 0                  | 111        | <b>5</b> | <b>3</b> | 119        | 0                      | 0    | 0     | 0        | 0          | <b>388</b> |
| 07:45  | 2                  | 219        | 0     | 0    | 221        | 3                      | 0    | 7         | 0    | 10         | 0                  | <b>115</b> | 4        | 3        | <b>122</b> | 0                      | 0    | 0     | 0        | 0          | 353        |
| Total Volume   | 5                  | 968        | 0     | 0    | 973        | 12                     | 0    | 33        | 0    | 45         | 0                  | 412        | 14       | 8        | 434        | 0                      | 0    | 0     | 1        | 1          | 1453       |
| % App. Total   | 0.5                | 99.5       | 0     | 0    |            | 26.7                   | 0    | 73.3      | 0    |            | 0                  | 94.9       | 3.2      | 1.8      |            | 0                      | 0    | 0     | 100      |            |            |
| PHF  | .417               | .903       | .000  | .000 | .898       | .500                   | .000 | .550      | .000 | .703       | .000               | .896       | .700     | .667     | .889       | .000                   | .000 | .000  | .250     | .250       | .936       |





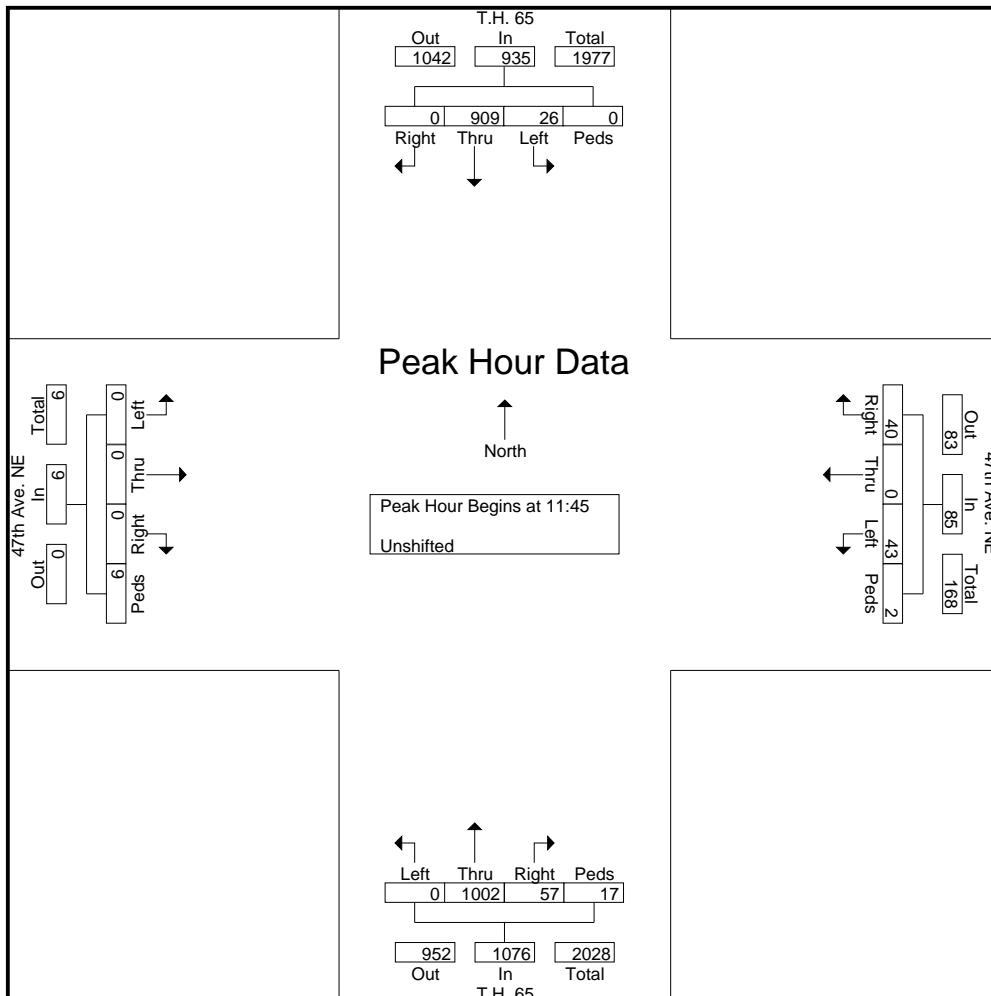
# MINNESOTA DEPT OF TRANSPORTATION

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File Name : T.H. 65 at 47th  
 Site Code : 00000005  
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 Page No : 4

| Start Time   | T.H. 65 Southbound |      |       |      |            | 47th Ave. NE Westbound |      |       |      |            | T.H. 65 Northbound |      |       |      |            | 47th Ave. NE Eastbound |      |       |      |            | Int. Total |
|--------------|--------------------|------|-------|------|------------|------------------------|------|-------|------|------------|--------------------|------|-------|------|------------|------------------------|------|-------|------|------------|------------|
|              | Left               | Thru | Right | Peds | App. Total | Left                   | Thru | Right | Peds | App. Total | Left               | Thru | Right | Peds | App. Total | Left                   | Thru | Right | Peds | App. Total |            |
| 11:45        | 8                  | 232  | 0     | 0    | 240        | 10                     | 0    | 13    | 0    | 23         | 0                  | 245  | 14    | 4    | 263        | 0                      | 0    | 0     | 0    | 0          | 526        |
| 12:00        | 8                  | 216  | 0     | 0    | 224        | 12                     | 0    | 2     | 0    | 14         | 0                  | 250  | 21    | 0    | 271        | 0                      | 0    | 0     | 1    | 1          | 510        |
| 12:15        | 7                  | 226  | 0     | 0    | 233        | 10                     | 0    | 13    | 2    | 25         | 0                  | 277  | 11    | 4    | 292        | 0                      | 0    | 0     | 1    | 1          | 551        |
| 12:30        | 3                  | 235  | 0     | 0    | 238        | 11                     | 0    | 12    | 0    | 23         | 0                  | 230  | 11    | 9    | 250        | 0                      | 0    | 0     | 4    | 4          | 515        |
| Total Volume | 26                 | 909  | 0     | 0    | 935        | 43                     | 0    | 40    | 2    | 85         | 0                  | 1002 | 57    | 17   | 1076       | 0                      | 0    | 0     | 6    | 6          | 2102       |
| % App. Total | 2.8                | 97.2 | 0     | 0    |            | 50.6                   | 0    | 47.1  | 2.4  |            | 0                  | 93.1 | 5.3   | 1.6  |            | 0                      | 0    | 0     | 100  |            |            |
| PHF          | .813               | .967 | .000  | .000 | .974       | .896                   | .000 | .769  | .250 | .850       | .000               | .904 | .679  | .472 | .921       | .000                   | .000 | .000  | .375 | .375       | .954       |

Peak Hour Analysis From 11:00 to 12:45 - Peak 1 of 1  
 Peak Hour for Entire Intersection Begins at 11:45





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## TRAFFIC DATA COLLECTION - METRO

File Name : T.H. 65 at 47th  
 Site Code : 00000005  
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| Start Time   | T.H. 65 Southbound |      |       |      |            | 47th Ave. NE Westbound |      |       |      |            | T.H. 65 Northbound |      |       |      |            | 47th Ave. NE Eastbound |      |       |      |            | Int. Total |
|--------------|--------------------|------|-------|------|------------|------------------------|------|-------|------|------------|--------------------|------|-------|------|------------|------------------------|------|-------|------|------------|------------|
|              | Left               | Thru | Right | Peds | App. Total | Left                   | Thru | Right | Peds | App. Total | Left               | Thru | Right | Peds | App. Total | Left                   | Thru | Right | Peds | App. Total |            |
| 16:45        | 3                  | 266  | 0     | 0    | 269        | 6                      | 0    | 11    | 0    | 17         | 0                  | 313  | 12    | 0    | 325        | 0                      | 0    | 1     | 2    | 3          | 614        |
| 17:00        | 2                  | 227  | 0     | 0    | 229        | 10                     | 0    | 10    | 0    | 20         | 0                  | 334  | 14    | 4    | 352        | 0                      | 0    | 0     | 0    | 0          | 601        |
| 17:15        | 0                  | 234  | 0     | 0    | 234        | 10                     | 0    | 8     | 0    | 18         | 0                  | 350  | 7     | 2    | 359        | 0                      | 3    | 0     | 0    | 3          | 614        |
| 17:30        | 0                  | 303  | 0     | 0    | 303        | 15                     | 0    | 11    | 2    | 28         | 0                  | 285  | 12    | 5    | 302        | 0                      | 0    | 0     | 1    | 1          | 634        |
| Total Volume | 5                  | 1030 | 0     | 0    | 1035       | 41                     | 0    | 40    | 2    | 83         | 0                  | 1282 | 45    | 11   | 1338       | 0                      | 3    | 1     | 3    | 7          | 2463       |
| % App. Total | 0.5                | 99.5 | 0     | 0    |            | 49.4                   | 0    | 48.2  | 2.4  |            | 0                  | 95.8 | 3.4   | 0.8  |            | 0                      | 42.9 | 14.3  | 42.9 |            |            |
| PHF          | .417               | .850 | .000  | .000 | .854       | .683                   | .000 | .909  | .250 | .741       | .000               | .916 | .804  | .550 | .932       | .000                   | .250 | .250  | .375 | .583       | .971       |

Peak Hour Analysis From 15:00 to 17:45 - Peak 1 of 1  
 Peak Hour for Entire Intersection Begins at 16:45

