

STH 96 and CTH GV  
Outagamie County

File Name : sth 96 and cth gv 20050331  
Site Code : 00000001  
Start Date : 3/31/2005  
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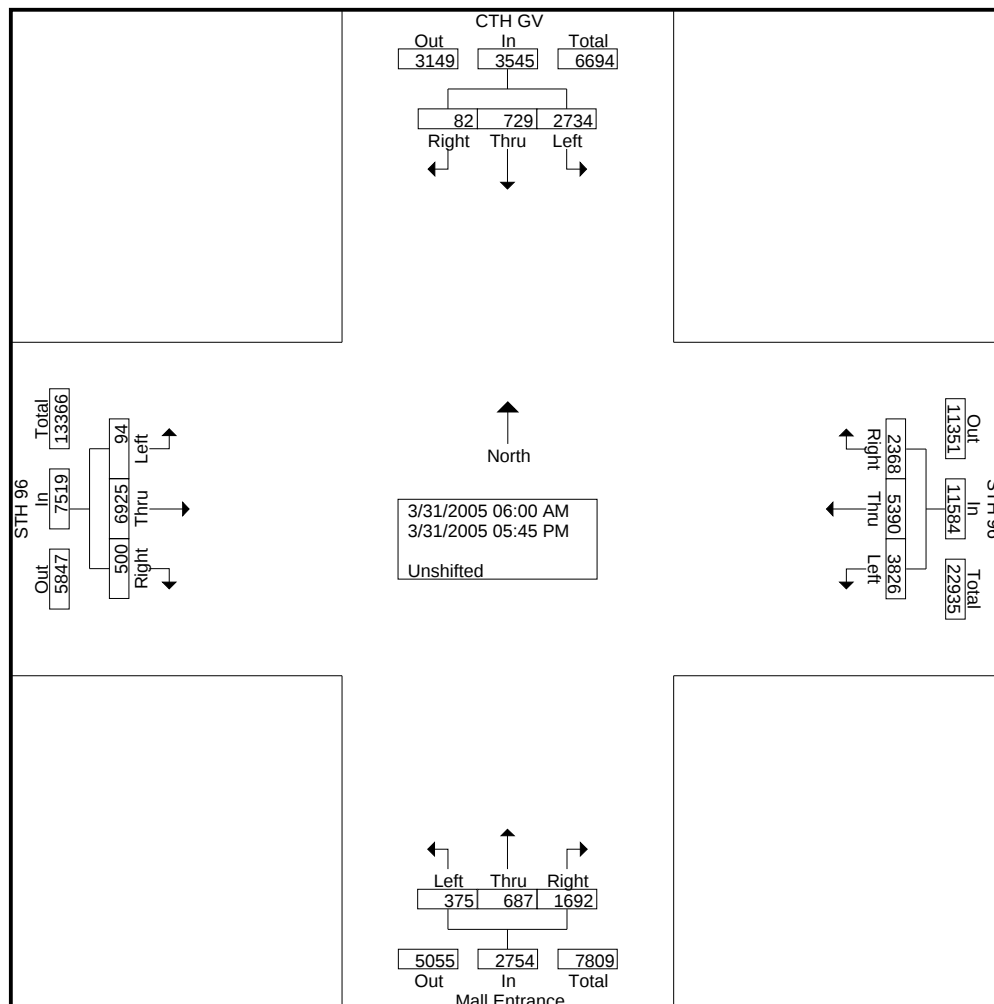
Groups Printed- Unshifted

|            | CTH GV<br>From North |      |      |            | STH 96<br>From East |      |      |            | Mall Entrance<br>From South |      |      |            | STH 96<br>From West |      |      |            |            |
|------------|----------------------|------|------|------------|---------------------|------|------|------------|-----------------------------|------|------|------------|---------------------|------|------|------------|------------|
| Start Time | Right                | Thru | Left | App. Total | Right               | Thru | Left | App. Total | Right                       | Thru | Left | App. Total | Right               | Thru | Left | App. Total | Int. Total |
| Factor     | 1.0                  | 1.0  | 1.0  |            | 1.0                 | 1.0  | 1.0  |            | 1.0                         | 1.0  | 1.0  |            | 1.0                 | 1.0  | 1.0  |            |            |
| 06:00 AM   | 0                    | 6    | 14   | 20         | 15                  | 34   | 15   | 64         | 1                           | 0    | 0    | 1          | 1                   | 36   | 0    | 37         | 122        |
| 06:15 AM   | 0                    | 1    | 24   | 25         | 17                  | 47   | 9    | 73         | 1                           | 0    | 1    | 2          | 7                   | 42   | 0    | 49         | 149        |
| 06:30 AM   | 0                    | 7    | 40   | 47         | 19                  | 69   | 28   | 116        | 2                           | 3    | 0    | 5          | 0                   | 62   | 0    | 62         | 230        |
| 06:45 AM   | 0                    | 4    | 52   | 56         | 17                  | 91   | 31   | 139        | 2                           | 1    | 0    | 3          | 6                   | 52   | 0    | 58         | 256        |
| Total      | 0                    | 18   | 130  | 148        | 68                  | 241  | 83   | 392        | 6                           | 4    | 1    | 11         | 14                  | 192  | 0    | 206        | 757        |
| 07:00 AM   | 0                    | 4    | 37   | 41         | 28                  | 68   | 19   | 115        | 2                           | 1    | 0    | 3          | 2                   | 98   | 0    | 100        | 259        |
| 07:15 AM   | 1                    | 4    | 51   | 56         | 30                  | 84   | 22   | 136        | 2                           | 0    | 2    | 4          | 2                   | 85   | 0    | 87         | 283        |
| 07:30 AM   | 0                    | 10   | 67   | 77         | 33                  | 104  | 29   | 166        | 2                           | 0    | 0    | 2          | 4                   | 94   | 0    | 98         | 343        |
| 07:45 AM   | 0                    | 11   | 49   | 60         | 34                  | 126  | 60   | 220        | 5                           | 0    | 4    | 9          | 7                   | 93   | 1    | 101        | 390        |
| Total      | 1                    | 29   | 204  | 234        | 125                 | 382  | 130  | 637        | 11                          | 1    | 6    | 18         | 15                  | 370  | 1    | 386        | 1275       |
| 08:00 AM   | 0                    | 9    | 44   | 53         | 42                  | 83   | 41   | 166        | 10                          | 3    | 1    | 14         | 7                   | 137  | 0    | 144        | 377        |
| 08:15 AM   | 0                    | 16   | 36   | 52         | 24                  | 76   | 40   | 140        | 6                           | 5    | 4    | 15         | 7                   | 76   | 0    | 83         | 290        |
| 08:30 AM   | 0                    | 13   | 31   | 44         | 34                  | 66   | 47   | 147        | 5                           | 6    | 1    | 12         | 4                   | 94   | 1    | 99         | 302        |
| 08:45 AM   | 0                    | 15   | 26   | 41         | 35                  | 70   | 65   | 170        | 1                           | 5    | 4    | 10         | 9                   | 136  | 0    | 145        | 366        |
| Total      | 0                    | 53   | 137  | 190        | 135                 | 295  | 193  | 623        | 22                          | 19   | 10   | 51         | 27                  | 443  | 1    | 471        | 1335       |
| 09:00 AM   | 0                    | 11   | 42   | 53         | 38                  | 78   | 59   | 175        | 13                          | 6    | 3    | 22         | 13                  | 85   | 0    | 98         | 348        |
| 09:15 AM   | 1                    | 13   | 37   | 51         | 38                  | 88   | 57   | 183        | 12                          | 2    | 0    | 14         | 6                   | 112  | 0    | 118        | 366        |
| 09:30 AM   | 0                    | 19   | 53   | 72         | 19                  | 73   | 79   | 171        | 15                          | 4    | 1    | 20         | 15                  | 126  | 1    | 142        | 405        |
| 09:45 AM   | 0                    | 25   | 48   | 73         | 34                  | 94   | 91   | 219        | 23                          | 6    | 4    | 33         | 20                  | 102  | 1    | 123        | 448        |
| Total      | 1                    | 68   | 180  | 249        | 129                 | 333  | 286  | 748        | 63                          | 18   | 8    | 89         | 54                  | 425  | 2    | 481        | 1567       |
| 10:00 AM   | 2                    | 28   | 46   | 76         | 45                  | 85   | 96   | 226        | 14                          | 6    | 3    | 23         | 8                   | 112  | 3    | 123        | 448        |
| 10:15 AM   | 1                    | 15   | 45   | 61         | 37                  | 96   | 95   | 228        | 30                          | 16   | 3    | 49         | 13                  | 126  | 0    | 139        | 477        |
| 10:30 AM   | 3                    | 18   | 57   | 78         | 34                  | 98   | 91   | 223        | 21                          | 9    | 5    | 35         | 14                  | 134  | 2    | 150        | 486        |
| 10:45 AM   | 0                    | 22   | 49   | 71         | 41                  | 127  | 126  | 294        | 46                          | 14   | 3    | 63         | 25                  | 176  | 5    | 206        | 634        |
| Total      | 6                    | 83   | 197  | 286        | 157                 | 406  | 408  | 971        | 111                         | 45   | 14   | 170        | 60                  | 548  | 10   | 618        | 2045       |
| 11:00 AM   | 1                    | 21   | 42   | 64         | 40                  | 110  | 96   | 246        | 40                          | 23   | 8    | 71         | 17                  | 133  | 5    | 155        | 536        |
| 11:15 AM   | 0                    | 15   | 60   | 75         | 41                  | 157  | 119  | 317        | 43                          | 22   | 12   | 77         | 8                   | 146  | 1    | 155        | 624        |
| 11:30 AM   | 2                    | 20   | 79   | 101        | 58                  | 156  | 132  | 346        | 58                          | 9    | 18   | 85         | 21                  | 174  | 1    | 196        | 728        |
| 11:45 AM   | 0                    | 28   | 48   | 76         | 55                  | 147  | 129  | 331        | 59                          | 11   | 9    | 79         | 12                  | 170  | 2    | 184        | 670        |
| Total      | 3                    | 84   | 229  | 316        | 194                 | 570  | 476  | 1240       | 200                         | 65   | 47   | 312        | 58                  | 623  | 9    | 690        | 2558       |
| 12:00 PM   | 2                    | 14   | 62   | 78         | 48                  | 128  | 127  | 303        | 53                          | 28   | 9    | 90         | 18                  | 207  | 4    | 229        | 700        |
| 12:15 PM   | 3                    | 14   | 80   | 97         | 73                  | 126  | 97   | 296        | 41                          | 29   | 21   | 91         | 11                  | 170  | 0    | 181        | 665        |
| 12:30 PM   | 2                    | 24   | 63   | 89         | 56                  | 137  | 97   | 290        | 44                          | 11   | 10   | 65         | 14                  | 220  | 0    | 234        | 678        |
| 12:45 PM   | 6                    | 19   | 52   | 77         | 50                  | 148  | 100  | 298        | 59                          | 23   | 6    | 88         | 15                  | 175  | 3    | 193        | 656        |
| Total      | 13                   | 71   | 257  | 341        | 227                 | 539  | 421  | 1187       | 197                         | 91   | 46   | 334        | 58                  | 772  | 7    | 837        | 2699       |
| 01:00 PM   | 3                    | 18   | 74   | 95         | 64                  | 130  | 77   | 271        | 54                          | 21   | 19   | 94         | 25                  | 180  | 5    | 210        | 670        |
| 01:15 PM   | 1                    | 12   | 77   | 90         | 55                  | 118  | 104  | 277        | 54                          | 37   | 15   | 106        | 10                  | 156  | 0    | 166        | 639        |
| 01:30 PM   | 2                    | 18   | 55   | 75         | 48                  | 161  | 93   | 302        | 47                          | 15   | 9    | 71         | 13                  | 149  | 0    | 162        | 610        |
| 01:45 PM   | 0                    | 17   | 70   | 87         | 49                  | 107  | 92   | 248        | 44                          | 16   | 13   | 73         | 20                  | 175  | 3    | 198        | 606        |
| Total      | 6                    | 65   | 276  | 347        | 216                 | 516  | 366  | 1098       | 199                         | 89   | 56   | 344        | 68                  | 660  | 8    | 736        | 2525       |
| 02:00 PM   | 3                    | 15   | 57   | 75         | 66                  | 123  | 94   | 283        | 76                          | 14   | 8    | 98         | 14                  | 179  | 2    | 195        | 651        |
| 02:15 PM   | 4                    | 22   | 60   | 86         | 62                  | 118  | 81   | 261        | 48                          | 26   | 14   | 88         | 5                   | 203  | 10   | 218        | 653        |
| 02:30 PM   | 4                    | 11   | 72   | 87         | 61                  | 107  | 70   | 238        | 52                          | 20   | 14   | 86         | 7                   | 202  | 9    | 218        | 629        |
| 02:45 PM   | 6                    | 14   | 68   | 88         | 68                  | 122  | 76   | 266        | 55                          | 25   | 11   | 91         | 9                   | 197  | 4    | 210        | 655        |
| Total      | 17                   | 62   | 257  | 336        | 257                 | 470  | 321  | 1048       | 231                         | 85   | 47   | 363        | 35                  | 781  | 25   | 841        | 2588       |
| 03:00 PM   | 3                    | 16   | 56   | 75         | 55                  | 117  | 85   | 257        | 33                          | 27   | 6    | 66         | 7                   | 223  | 1    | 231        | 629        |
| 03:15 PM   | 1                    | 19   | 68   | 88         | 76                  | 143  | 85   | 304        | 51                          | 21   | 10   | 82         | 10                  | 185  | 3    | 198        | 672        |
| 03:30 PM   | 4                    | 16   | 73   | 93         | 59                  | 134  | 80   | 273        | 51                          | 25   | 4    | 80         | 10                  | 195  | 3    | 208        | 654        |
| 03:45 PM   | 8                    | 19   | 65   | 92         | 77                  | 137  | 105  | 319        | 55                          | 15   | 14   | 84         | 8                   | 178  | 1    | 187        | 682        |
| Total      | 16                   | 70   | 262  | 348        | 267                 | 531  | 355  | 1153       | 190                         | 88   | 34   | 312        | 35                  | 781  | 8    | 824        | 2637       |

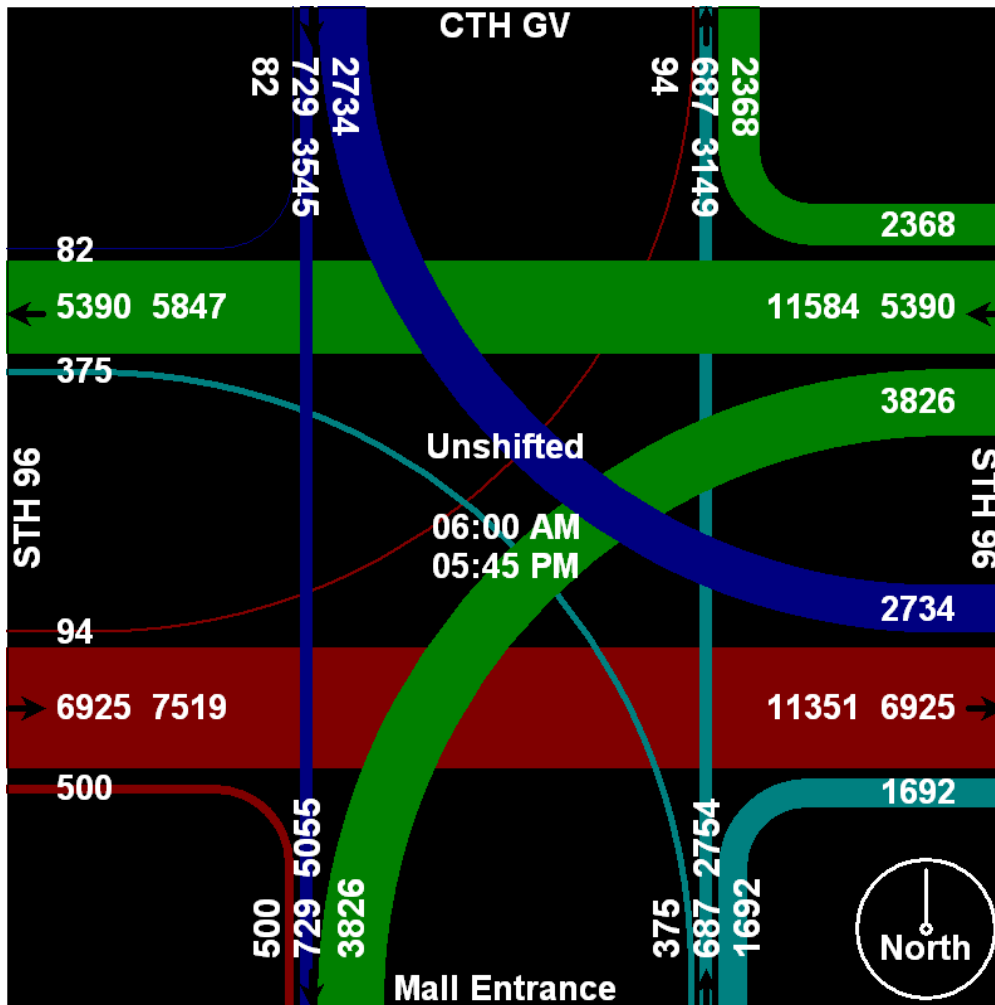
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Groups Printed- Unshifted

|             | CTH GV<br>From North |      |      |            | STH 96<br>From East |      |      |            | Mall Entrance<br>From South |      |      |            | STH 96<br>From West |      |      |            |            |
|-------------|----------------------|------|------|------------|---------------------|------|------|------------|-----------------------------|------|------|------------|---------------------|------|------|------------|------------|
| Start Time  | Right                | Thru | Left | App. Total | Right               | Thru | Left | App. Total | Right                       | Thru | Left | App. Total | Right               | Thru | Left | App. Total | Int. Total |
| Factor      | 1.0                  | 1.0  | 1.0  |            | 1.0                 | 1.0  | 1.0  |            | 1.0                         | 1.0  | 1.0  |            | 1.0                 | 1.0  | 1.0  |            |            |
| 04:00 PM    | 3                    | 11   | 79   | 93         | 72                  | 126  | 101  | 299        | 58                          | 20   | 11   | 89         | 8                   | 188  | 1    | 197        | 678        |
| 04:15 PM    | 4                    | 22   | 63   | 89         | 86                  | 144  | 83   | 313        | 83                          | 25   | 24   | 132        | 9                   | 165  | 1    | 175        | 709        |
| 04:30 PM    | 2                    | 19   | 84   | 105        | 67                  | 149  | 92   | 308        | 49                          | 26   | 19   | 94         | 16                  | 229  | 3    | 248        | 755        |
| 04:45 PM    | 0                    | 19   | 78   | 97         | 78                  | 159  | 118  | 355        | 41                          | 16   | 16   | 73         | 14                  | 163  | 0    | 177        | 702        |
| Total       | 9                    | 71   | 304  | 384        | 303                 | 578  | 394  | 1275       | 231                         | 87   | 70   | 388        | 47                  | 745  | 5    | 797        | 2844       |
| 05:00 PM    | 3                    | 14   | 83   | 100        | 70                  | 124  | 116  | 310        | 49                          | 44   | 12   | 105        | 6                   | 190  | 5    | 201        | 716        |
| 05:15 PM    | 2                    | 16   | 86   | 104        | 78                  | 149  | 80   | 307        | 81                          | 22   | 9    | 112        | 6                   | 139  | 7    | 152        | 675        |
| 05:30 PM    | 2                    | 12   | 77   | 91         | 66                  | 139  | 108  | 313        | 50                          | 17   | 7    | 74         | 10                  | 133  | 5    | 148        | 626        |
| 05:45 PM    | 3                    | 13   | 55   | 71         | 76                  | 117  | 89   | 282        | 51                          | 12   | 8    | 71         | 7                   | 123  | 1    | 131        | 555        |
| Total       | 10                   | 55   | 301  | 366        | 290                 | 529  | 393  | 1212       | 231                         | 95   | 36   | 362        | 29                  | 585  | 18   | 632        | 2572       |
| Grand Total | 82                   | 729  | 2734 | 3545       | 2368                | 5390 | 3826 | 11584      | 1692                        | 687  | 375  | 2754       | 500                 | 6925 | 94   | 7519       | 25402      |
| Apprch %    | 2.3                  | 20.6 | 77.1 |            | 20.4                | 46.5 | 33   |            | 61.4                        | 24.9 | 13.6 |            | 6.6                 | 92.1 | 1.3  |            |            |
| Total %     | 0.3                  | 2.9  | 10.8 | 14         | 9.3                 | 21.2 | 15.1 | 45.6       | 6.7                         | 2.7  | 1.5  | 10.8       | 2                   | 27.3 | 0.4  | 29.6       |            |

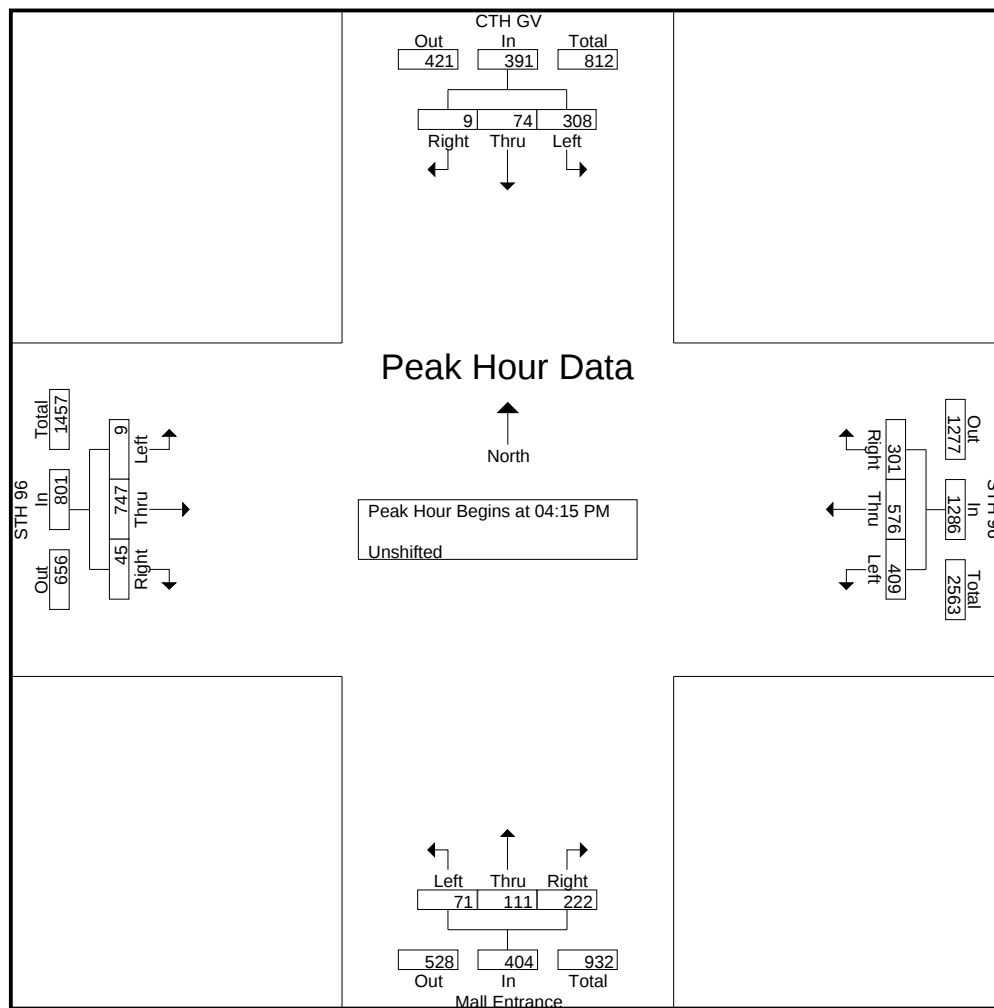


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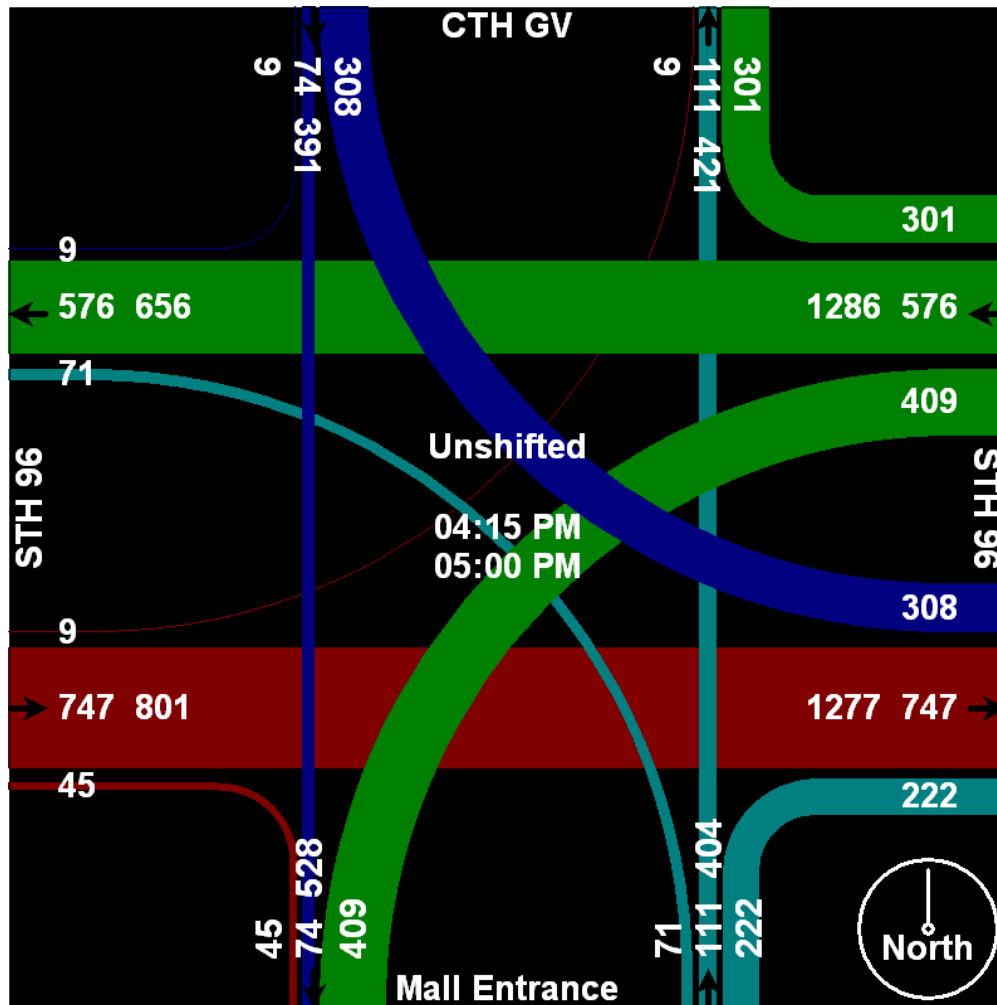


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|                                                            | CTH GV<br>From North |      |      |            | STH 96<br>From East |      |      |            | Mall Entrance<br>From South |      |      |            | STH 96<br>From West |      |      |            |            |
|------------------------------------------------------------|----------------------|------|------|------------|---------------------|------|------|------------|-----------------------------|------|------|------------|---------------------|------|------|------------|------------|
| Start Time                                                 | Right                | Thru | Left | App. Total | Right               | Thru | Left | App. Total | Right                       | Thru | Left | App. Total | Right               | Thru | Left | App. Total | Int. Total |
| Peak Hour Analysis From 06:00 AM to 05:45 PM - Peak 1 of 1 |                      |      |      |            |                     |      |      |            |                             |      |      |            |                     |      |      |            |            |
| Peak Hour for Entire Intersection Begins at 04:15 PM       |                      |      |      |            |                     |      |      |            |                             |      |      |            |                     |      |      |            |            |
| 04:15 PM                                                   | 4                    | 22   | 63   | 89         | 86                  | 144  | 83   | 313        | 83                          | 25   | 24   | 132        | 9                   | 165  | 1    | 175        | 709        |
| 04:30 PM                                                   | 2                    | 19   | 84   | 105        | 67                  | 149  | 92   | 308        | 49                          | 26   | 19   | 94         | 16                  | 229  | 3    | 248        | 755        |
| 04:45 PM                                                   | 0                    | 19   | 78   | 97         | 78                  | 159  | 118  | 355        | 41                          | 16   | 16   | 73         | 14                  | 163  | 0    | 177        | 702        |
| 05:00 PM                                                   | 3                    | 14   | 83   | 100        | 70                  | 124  | 116  | 310        | 49                          | 44   | 12   | 105        | 6                   | 190  | 5    | 201        | 716        |
| Total Volume                                               | 9                    | 74   | 308  | 391        | 301                 | 576  | 409  | 1286       | 222                         | 111  | 71   | 404        | 45                  | 747  | 9    | 801        | 2882       |
| % App. Total                                               | 2.3                  | 18.9 | 78.8 |            | 23.4                | 44.8 | 31.8 |            | 55                          | 27.5 | 17.6 |            | 5.6                 | 93.3 | 1.1  |            |            |
| PHF                                                        | .563                 | .841 | .917 | .931       | .875                | .906 | .867 | .906       | .669                        | .631 | .740 | .765       | .703                | .816 | .450 | .807       | .954       |



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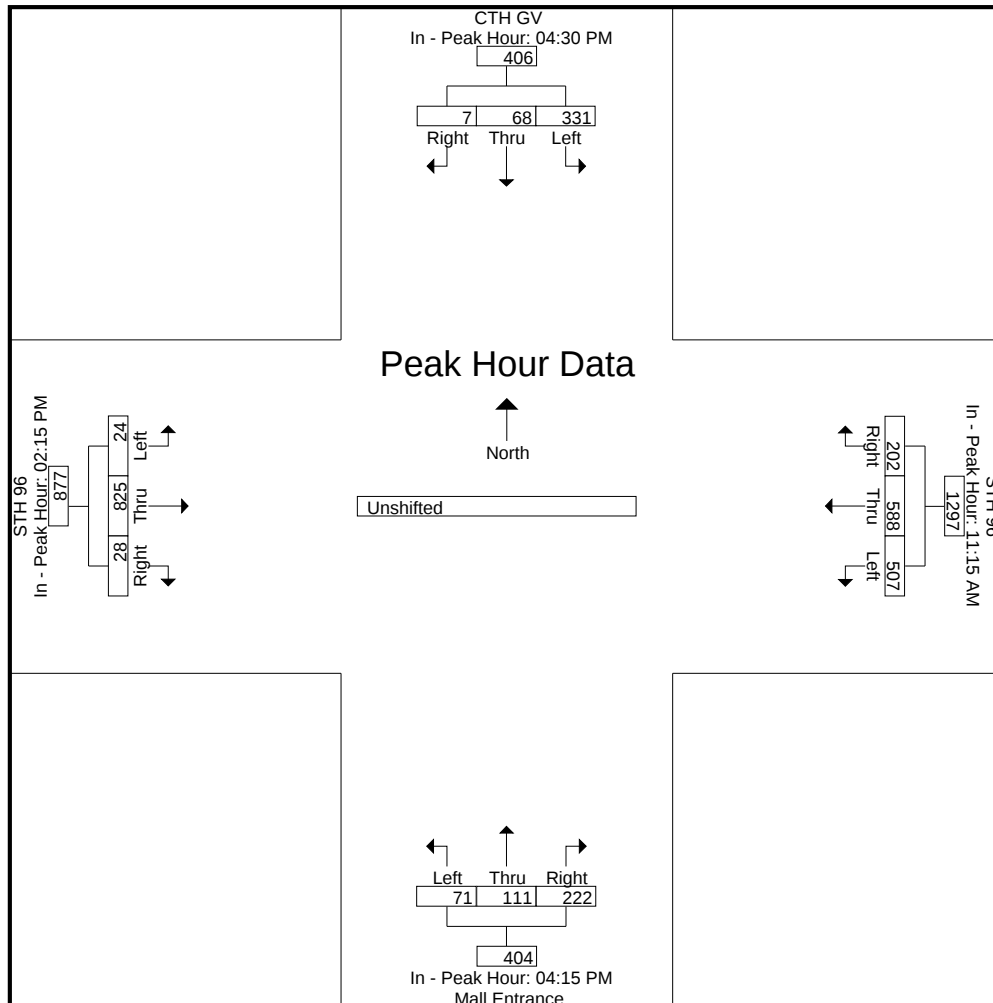


## Peak Hour Analysis From 06:00 AM to 05:45 PM - Peak 1 of 1

Peak Hour for Each Approach Begins at:

|              | 04:30 PM |      |      |      | 11:15 AM |      |      |      | 04:15 PM |      |      |      | 02:15 PM |      |      |      |
|--------------|----------|------|------|------|----------|------|------|------|----------|------|------|------|----------|------|------|------|
| +0 mins.     | 2        | 19   | 84   | 105  | 41       | 157  | 119  | 317  | 83       | 25   | 24   | 132  | 5        | 203  | 10   | 218  |
| +15 mins.    | 0        | 19   | 78   | 97   | 58       | 156  | 132  | 346  | 49       | 26   | 19   | 94   | 7        | 202  | 9    | 218  |
| +30 mins.    | 3        | 14   | 83   | 100  | 55       | 147  | 129  | 331  | 41       | 16   | 16   | 73   | 9        | 197  | 4    | 210  |
| +45 mins.    | 2        | 16   | 86   | 104  | 48       | 128  | 127  | 303  | 49       | 44   | 12   | 105  | 7        | 223  | 1    | 231  |
| Total Volume | 7        | 68   | 331  | 406  | 202      | 588  | 507  | 1297 | 222      | 111  | 71   | 404  | 28       | 825  | 24   | 877  |
| % App. Total | 1.7      | 16.7 | 81.5 |      | 15.6     | 45.3 | 39.1 |      | 55       | 27.5 | 17.6 |      | 3.2      | 94.1 | 2.7  |      |
| PHF          | .583     | .895 | .962 | .967 | .871     | .936 | .960 | .937 | .669     | .631 | .740 | .765 | .778     | .925 | .600 | .949 |

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