

# MN Dept of Transportation

TRAFFIC DATA COLLECTION - Metro

TH-280 at Kasota Ave , west ramps

Ref.Pt.: 001,.298

Video - CL

TURN MOVEMENT COUNT

File Name : TH-280 at Kasota Ave west ramps 2014

Site Code :

Start Date : 9/9/2014

Page No : 1

Groups Printed- Cars +

| Start Time        | Energy Park Drive<br>Westbound |      |       |      | loop from / ramp to TH-280 SB<br>Northbound |      |       |      | Kasota Ave<br>Eastbound |      |       |      | Int. Total |
|-------------------|--------------------------------|------|-------|------|---|------|-------|------|-------------------------|------|-------|------|------------|
|                   | Left                           | Thru | Right | Peds | Left  | Thru | Right | Peds | Left                    | Thru | Right | Peds |            |
| 06:00             | 25                             | 43   | 0     | 0    | 35  | 0    | 24    | 0    | 0                       | 9    | 8     | 0    | 144        |
| 06:15             | 37                             | 65   | 0     | 0    | 28  | 0    | 28    | 0    | 0                       | 9    | 11    | 0    | 178        |
| 06:30             | 43                             | 82   | 0     | 0    | 49  | 0    | 29    | 0    | 0                       | 21   | 20    | 0    | 244        |
| 06:45             | 45                             | 77   | 0     | 0    | 46  | 0    | 45    | 0    | 0                       | 18   | 15    | 0    | 246        |
| Total             | 150                            | 267  | 0     | 0    | 158   | 0    | 126   | 0    | 0                       | 57   | 54    | 0    | 812        |
| 07:00             | 50                             | 87   | 0     | 0    | 44  | 0    | 45    | 0    | 0                       | 19   | 26    | 0    | 271        |
| 07:15             | 78                             | 92   | 0     | 0    | 40  | 0    | 38    | 0    | 0                       | 22   | 21    | 0    | 291        |
| 07:30             | 81                             | 119  | 0     | 0    | 29  | 0    | 52    | 0    | 0                       | 44   | 26    | 0    | 351        |
| 07:45             | 69                             | 115  | 0     | 0    | 37  | 0    | 42    | 0    | 0                       | 27   | 15    | 0    | 305        |
| Total             | 278                            | 413  | 0     | 0    | 150   | 0    | 177   | 0    | 0                       | 112  | 88    | 0    | 1218       |
| 08:00             | 70                             | 121  | 0     | 0    | 57  | 0    | 44    | 0    | 0                       | 29   | 23    | 0    | 344        |
| 08:15             | 77                             | 98   | 0     | 0    | 33  | 0    | 34    | 0    | 0                       | 22   | 19    | 0    | 283        |
| 08:30             | 68                             | 109  | 0     | 0    | 41  | 0    | 47    | 0    | 0                       | 29   | 18    | 0    | 312        |
| 08:45             | 69                             | 100  | 0     | 0    | 28  | 0    | 39    | 0    | 0                       | 73   | 11    | 0    | 320        |
| Total             | 284                            | 428  | 0     | 0    | 159   | 0    | 164   | 0    | 0                       | 153  | 71    | 0    | 1259       |
| ***** BREAK ***** |                                |      |       |      |   |      |       |      |                         |      |       |      |            |
| 15:00             | 85                             | 45   | 0     | 0    | 18  | 0    | 11    | 0    | 0                       | 94   | 41    | 0    | 294        |
| 15:15             | 71                             | 50   | 0     | 0    | 29  | 0    | 30    | 0    | 0                       | 48   | 43    | 0    | 271        |
| 15:30             | 93                             | 68   | 0     | 0    | 18  | 0    | 31    | 0    | 0                       | 91   | 57    | 0    | 358        |
| 15:45             | 70                             | 69   | 0     | 0    | 24  | 0    | 19    | 0    | 0                       | 64   | 31    | 0    | 277        |
| Total             | 319                            | 232  | 0     | 0    | 89  | 0    | 91    | 0    | 0                       | 297  | 172   | 0    | 1200       |
| 16:00             | 60                             | 50   | 0     | 0    | 12  | 0    | 49    | 0    | 0                       | 115  | 76    | 0    | 362        |
| 16:15             | 64                             | 53   | 0     | 0    | 13  | 0    | 42    | 0    | 0                       | 90   | 42    | 0    | 304        |
| 16:30             | 67                             | 51   | 0     | 0    | 11  | 0    | 43    | 0    | 0                       | 118  | 42    | 0    | 332        |
| 16:45             | 78                             | 65   | 0     | 0    | 13  | 0    | 49    | 0    | 0                       | 113  | 28    | 0    | 346        |
| Total             | 269                            | 219  | 0     | 0    | 49  | 0    | 183   | 0    | 0                       | 436  | 188   | 0    | 1344       |
| 17:00             | 64                             | 49   | 0     | 0    | 11  | 0    | 53    | 0    | 0                       | 154  | 52    | 0    | 383        |
| 17:15             | 56                             | 46   | 0     | 0    | 4   | 0    | 48    | 0    | 0                       | 109  | 36    | 0    | 299        |
| 17:30             | 64                             | 42   | 0     | 0    | 11  | 0    | 42    | 0    | 0                       | 87   | 41    | 0    | 287        |
| 17:45             | 45                             | 37   | 0     | 0    | 11  | 0    | 37    | 0    | 0                       | 62   | 26    | 0    | 218        |
| Total             | 229                            | 174  | 0     | 0    | 37  | 0    | 180   | 0    | 0                       | 412  | 155   | 0    | 1187       |
| Grand Total       | 1529                           | 1733 | 0     | 0    | 642   | 0    | 921   | 0    | 0                       | 1467 | 728   | 0    | 7020       |
| Apprch %          | 46.9                           | 53.1 | 0     | 0    | 41.1  | 0    | 58.9  | 0    | 0                       | 66.8 | 33.2  | 0    |            |
| Total %           | 21.8                           | 24.7 | 0     | 0    | 9.1   | 0    | 13.1  | 0    | 0                       | 20.9 | 10.4  | 0    |            |

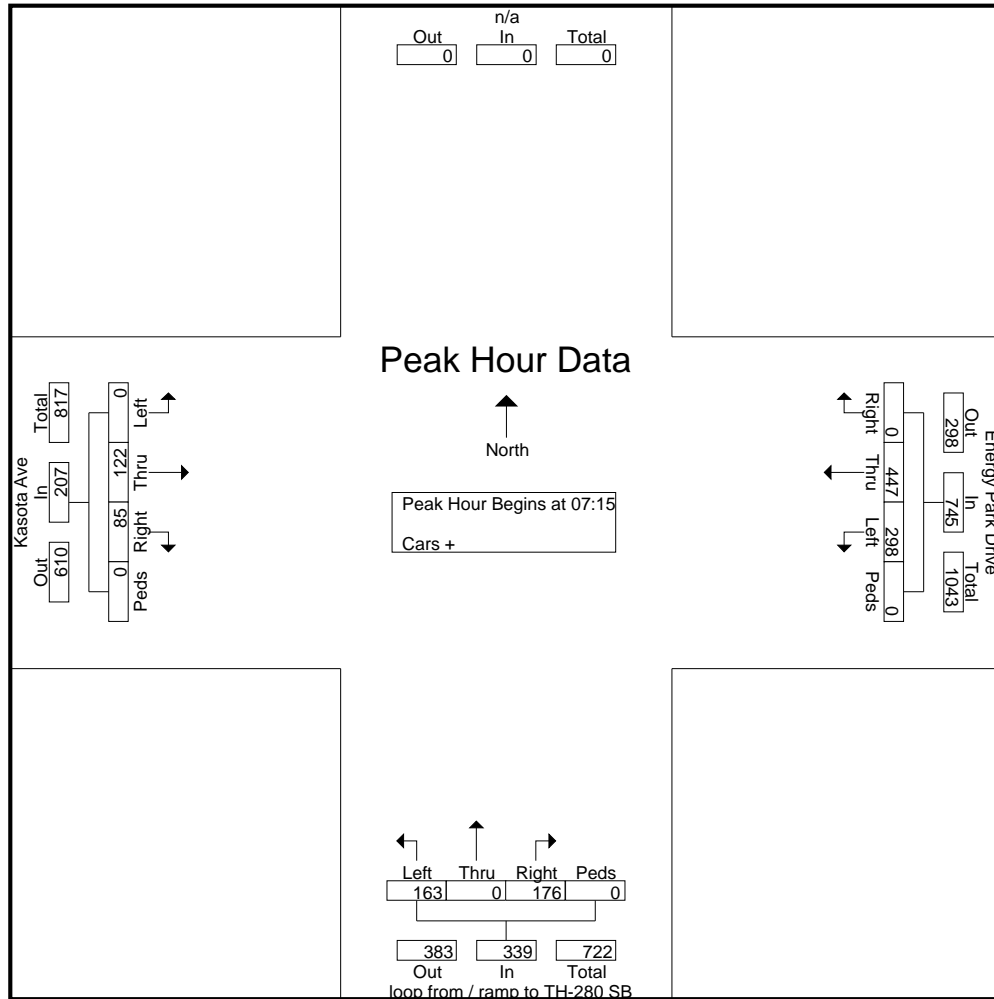
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| Start Time   | Energy Park Drive Westbound |      |       |      |            | loop from / ramp to TH-280 SB Northbound |      |       |      |            | Kasota Ave Eastbound |      |       |      |            | Int. Total |
|--|-----------------------------|------|-------|------|------------|--|------|-------|------|------------|----------------------|------|-------|------|------------|------------|
|  | 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 07:15    |                             |      |       |      |            |  |      |       |      |            |                      |      |       |      |            |            |
| 07:15  | 78                          | 92   | 0     | 0    | 170        | 40                                       | 0    | 38    | 0    | 78         | 0                    | 22   | 21    | 0    | 43         | 291        |
| 07:30  | 81                          | 119  | 0     | 0    | 200        | 29                                       | 0    | 52    | 0    | 81         | 0                    | 44   | 26    | 0    | 70         | 351        |
| 07:45  | 69                          | 115  | 0     | 0    | 184        | 37                                       | 0    | 42    | 0    | 79         | 0                    | 27   | 15    | 0    | 42         | 305        |
| 08:00  | 70                          | 121  | 0     | 0    | 191        | 57                                       | 0    | 44    | 0    | 101        | 0                    | 29   | 23    | 0    | 52         | 344        |
| Total Volume   | 298                         | 447  | 0     | 0    | 745        | 163                                      | 0    | 176   | 0    | 339        | 0                    | 122  | 85    | 0    | 207        | 1291       |
| % App. Total   | 40                          | 60   | 0     | 0    |            | 48.1                                     | 0    | 51.9  | 0    |            | 0                    | 58.9 | 41.1  | 0    |            |            |
| PHF  | .920                        | .924 | .000  | .000 | .931       | .715                                     | .000 | .846  | .000 | .839       | .000                 | .693 | .817  | .000 | .739       | .920       |



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| Start Time   | Energy Park Drive Westbound |           |       |      |            | loop from / ramp to TH-280 SB Northbound |      |           |      |            | Kasota Ave Eastbound |            |           |      |            | Int. Total |
|--|-----------------------------|-----------|-------|------|------------|--|------|-----------|------|------------|----------------------|------------|-----------|------|------------|------------|
|  | Left                        | Thru      | Right | Peds | App. Total | Left                                     | Thru | Right     | Peds | App. Total | Left                 | Thru       | Right     | Peds | App. Total |            |
| Peak Hour Analysis From 15:00 to 17:45 - Peak 1 of 1 |                             |           |       |      |            |  |      |           |      |            |                      |            |           |      |            |            |
| Peak Hour for Entire Intersection Begins at 16:15    |                             |           |       |      |            |  |      |           |      |            |                      |            |           |      |            |            |
| 16:15  | 64                          | 53        | 0     | 0    | 117        | 13                                       | 0    | 42        | 0    | 55         | 0                    | 90         | 42        | 0    | 132        | 304        |
| 16:30  | 67                          | 51        | 0     | 0    | 118        | 11                                       | 0    | 43        | 0    | 54         | 0                    | 118        | 42        | 0    | 160        | 332        |
| 16:45  | <b>78</b>                   | <b>65</b> | 0     | 0    | <b>143</b> | 13                                       | 0    | 49        | 0    | 62         | 0                    | 113        | 28        | 0    | 141        | 346        |
| 17:00  | 64                          | 49        | 0     | 0    | 113        | 11                                       | 0    | <b>53</b> | 0    | <b>64</b>  | 0                    | <b>154</b> | <b>52</b> | 0    | <b>206</b> | <b>383</b> |
| Total Volume   | 273                         | 218       | 0     | 0    | 491        | 48                                       | 0    | 187       | 0    | 235        | 0                    | 475        | 164       | 0    | 639        | 1365       |
| % App. Total   | 55.6                        | 44.4      | 0     | 0    |            | 20.4                                     | 0    | 79.6      | 0    |            | 0                    | 74.3       | 25.7      | 0    |            |            |
| PHF  | .875                        | .838      | .000  | .000 | .858       | .923                                     | .000 | .882      | .000 | .918       | .000                 | .771       | .788      | .000 | .775       | .891       |

