

# Ramsey County Public Works

## Turning Movement Count

File Name: County Road E at 35E East Ramp 0500-2200

Site Code:

Location: County Road E at 35E East Ramp

Cars and Peds

Study Date: 05/24/2022

|       | 35E East Ramp Southbound |       |      |      |        |            | County Road E Westbound |       |      |      |        |            | 35E East Ramp Northbound |       |      |      |        |            | County Road E Eastbound |       |      |      |        |            |           |
|-------|--------------------------|-------|------|------|--------|------------|-------------------------|-------|------|------|--------|------------|--------------------------|-------|------|------|--------|------------|-------------------------|-------|------|------|--------|------------|-----------|
| Time  | Peds                     | Right | Thru | Left | U-Turn | Appr Total | Peds                    | Right | Thru | Left | U-Turn | Appr Total | Peds                     | Right | Thru | Left | U-Turn | Appr Total | Peds                    | Right | Thru | Left | U-Turn | Appr Total | Int Total |
| 05:00 |                          | 0     | 0    | 0    | 0      | 0          |                         | 3     | 6    | 0    | 0      | 9          |                          | 14    | 1    | 4    | 0      | 19         |                         | 0     | 5    | 1    | 0      | 6          | 34        |
| 05:15 |                          | 0     | 0    | 0    | 0      | 0          |                         | 5     | 12   | 0    | 0      | 17         |                          | 17    | 0    | 5    | 0      | 22         |                         | 0     | 8    | 2    | 0      | 10         | 49        |
| 05:30 |                          | 0     | 0    | 0    | 0      | 0          |                         | 4     | 12   | 0    | 0      | 16         |                          | 31    | 0    | 10   | 0      | 41         |                         | 0     | 27   | 3    | 0      | 30         | 87        |
| 05:45 |                          | 0     | 0    | 0    | 0      | 0          |                         | 12    | 24   | 0    | 0      | 36         |                          | 48    | 0    | 14   | 0      | 62         |                         | 0     | 32   | 4    | 0      | 36         | 134       |
| Total | 0                        | 0     | 0    | 0    | 0      | 0          | 0                       | 24    | 54   | 0    | 0      | 78         | 0                        | 110   | 1    | 33   | 0      | 144        | 0                       | 0     | 72   | 10   | 0      | 82         | 304       |
| 06:00 |                          | 0     | 0    | 0    | 0      | 0          |                         | 7     | 33   | 0    | 0      | 40         |                          | 46    | 0    | 22   | 0      | 68         |                         | 0     | 30   | 7    | 0      | 37         | 145       |
| 06:15 |                          | 0     | 0    | 0    | 0      | 0          |                         | 11    | 29   | 0    | 0      | 40         |                          | 59    | 1    | 19   | 0      | 79         |                         | 0     | 52   | 8    | 0      | 60         | 179       |
| 06:30 |                          | 0     | 0    | 0    | 0      | 0          |                         | 14    | 51   | 0    | 0      | 65         |                          | 68    | 0    | 27   | 0      | 95         |                         | 0     | 68   | 10   | 0      | 78         | 238       |
| 06:45 |                          | 0     | 0    | 0    | 0      | 0          |                         | 20    | 51   | 0    | 0      | 71         |                          | 103   | 1    | 46   | 0      | 150        |                         | 0     | 84   | 2    | 0      | 86         | 307       |
| Total | 0                        | 0     | 0    | 0    | 0      | 0          | 0                       | 52    | 164  | 0    | 0      | 216        | 0                        | 276   | 2    | 114  | 0      | 392        | 0                       | 0     | 234  | 27   | 0      | 261        | 869       |
| 07:00 |                          | 0     | 0    | 0    | 0      | 0          |                         | 15    | 60   | 0    | 0      | 75         |                          | 107   | 0    | 33   | 0      | 140        |                         | 0     | 94   | 9    | 0      | 103        | 318       |
| 07:15 |                          | 0     | 0    | 0    | 0      | 0          |                         | 32    | 83   | 0    | 0      | 115        |                          | 121   | 0    | 55   | 0      | 176        |                         | 0     | 118  | 13   | 0      | 131        | 422       |
| 07:30 |                          | 0     | 0    | 0    | 0      | 0          |                         | 34    | 88   | 0    | 0      | 122        |                          | 159   | 0    | 60   | 0      | 219        |                         | 0     | 153  | 15   | 0      | 168        | 509       |
| 07:45 |                          | 0     | 0    | 0    | 0      | 0          |                         | 45    | 107  | 0    | 0      | 152        |                          | 133   | 0    | 41   | 0      | 174        |                         | 0     | 165  | 20   | 0      | 185        | 511       |
| Total | 0                        | 0     | 0    | 0    | 0      | 0          | 0                       | 126   | 338  | 0    | 0      | 464        | 0                        | 520   | 0    | 189  | 0      | 709        | 0                       | 0     | 530  | 57   | 0      | 587        | 1760      |
| 08:00 |                          | 0     | 0    | 0    | 0      | 0          |                         | 33    | 84   | 0    | 0      | 117        |                          | 114   | 0    | 44   | 0      | 158        |                         | 0     | 121  | 8    | 0      | 129        | 404       |
| 08:15 |                          | 0     | 0    | 0    | 0      | 0          |                         | 40    | 82   | 0    | 0      | 122        |                          | 88    | 0    | 60   | 0      | 148        |                         | 0     | 121  | 12   | 0      | 133        | 403       |
| 08:30 |                          | 0     | 0    | 0    | 0      | 0          |                         | 33    | 103  | 0    | 0      | 136        |                          | 87    | 0    | 56   | 0      | 143        |                         | 0     | 109  | 26   | 0      | 135        | 414       |
| 08:45 |                          | 0     | 0    | 0    | 0      | 0          |                         | 42    | 102  | 0    | 0      | 144        |                          | 103   | 0    | 53   | 0      | 156        |                         | 0     | 116  | 23   | 0      | 139        | 439       |
| Total | 0                        | 0     | 0    | 0    | 0      | 0          | 0                       | 148   | 371  | 0    | 0      | 519        | 0                        | 392   | 0    | 213  | 0      | 605        | 0                       | 0     | 467  | 69   | 0      | 536        | 1660      |
| 09:00 |                          | 0     | 0    | 0    | 0      | 0          |                         | 35    | 78   | 0    | 0      | 113        |                          | 71    | 1    | 52   | 0      | 124        |                         | 0     | 96   | 22   | 0      | 118        | 355       |
| 09:15 |                          | 0     | 0    | 0    | 0      | 0          |                         | 27    | 102  | 0    | 0      | 129        |                          | 46    | 0    | 67   | 0      | 113        |                         | 0     | 91   | 17   | 0      | 108        | 350       |
| 09:30 |                          | 0     | 0    | 0    | 0      | 0          |                         | 31    | 99   | 0    | 0      | 130        |                          | 68    | 0    | 48   | 0      | 116        |                         | 0     | 78   | 16   | 0      | 94         | 340       |
| 09:45 |                          | 0     | 0    | 0    | 0      | 0          |                         | 38    | 85   | 0    | 0      | 123        |                          | 68    | 0    | 76   | 0      | 144        |                         | 0     | 80   | 25   | 0      | 105        | 372       |
| Total | 0                        | 0     | 0    | 0    | 0      | 0          | 0                       | 131   | 364  | 0    | 0      | 495        | 0                        | 253   | 1    | 243  | 0      | 497        | 0                       | 0     | 345  | 80   | 0      | 425        | 1417      |

| Time  | 35E East Ramp Southbound |       |      |      |        |            | County Road E Westbound |       |      |      |        |            | 35E East Ramp Northbound |       |      |      |        |            | County Road E Eastbound |       |      |      |        |            | Int Total |
|-------|--------------------------|-------|------|------|--------|------------|-------------------------|-------|------|------|--------|------------|--------------------------|-------|------|------|--------|------------|-------------------------|-------|------|------|--------|------------|-----------|
|       | Peds                     | Right | Thru | Left | U-Turn | Appr Total | Peds                    | Right | Thru | Left | U-Turn | Appr Total | Peds                     | Right | Thru | Left | U-Turn | Appr Total | Peds                    | Right | Thru | Left | U-Turn | Appr Total |           |
| 10:00 |                          | 0     | 0    | 0    | 0      | 0          |                         | 29    | 111  | 0    | 0      | 140        |                          | 49    | 1    | 65   | 0      | 115        |                         | 0     | 102  | 27   | 0      | 129        | 384       |
| 10:15 |                          | 0     | 0    | 0    | 0      | 0          |                         | 31    | 117  | 0    | 0      | 148        |                          | 51    | 0    | 69   | 0      | 120        |                         | 0     | 106  | 27   | 0      | 133        | 401       |
| 10:30 |                          | 0     | 0    | 0    | 0      | 0          |                         | 39    | 129  | 0    | 0      | 168        |                          | 42    | 2    | 65   | 0      | 109        |                         | 0     | 92   | 25   | 0      | 117        | 394       |
| 10:45 |                          | 0     | 0    | 0    | 0      | 0          |                         | 33    | 108  | 0    | 0      | 141        |                          | 56    | 1    | 70   | 0      | 127        |                         | 0     | 105  | 19   | 0      | 124        | 392       |
| Total | 0                        | 0     | 0    | 0    | 0      | 0          | 0                       | 132   | 465  | 0    | 0      | 597        | 0                        | 198   | 4    | 269  | 0      | 471        | 0                       | 0     | 405  | 98   | 0      | 503        | 1571      |
| 11:00 |                          | 0     | 0    | 0    | 0      | 0          |                         | 41    | 137  | 0    | 0      | 178        |                          | 49    | 1    | 62   | 0      | 112        |                         | 0     | 103  | 34   | 0      | 137        | 427       |
| 11:15 |                          | 0     | 0    | 0    | 0      | 0          |                         | 39    | 138  | 0    | 0      | 177        |                          | 73    | 1    | 82   | 0      | 156        |                         | 0     | 100  | 34   | 0      | 134        | 467       |
| 11:30 |                          | 0     | 0    | 0    | 0      | 0          |                         | 40    | 147  | 0    | 0      | 187        |                          | 56    | 0    | 94   | 0      | 150        |                         | 0     | 123  | 48   | 0      | 171        | 508       |
| 11:45 |                          | 0     | 0    | 0    | 0      | 0          |                         | 51    | 104  | 0    | 1      | 156        |                          | 67    | 0    | 79   | 0      | 146        |                         | 0     | 140  | 29   | 0      | 169        | 471       |
| Total | 0                        | 0     | 0    | 0    | 0      | 0          | 0                       | 171   | 526  | 0    | 1      | 698        | 0                        | 245   | 2    | 317  | 0      | 564        | 0                       | 0     | 466  | 145  | 0      | 611        | 1873      |
| 12:00 |                          | 0     | 0    | 0    | 0      | 0          |                         | 55    | 163  | 0    | 0      | 218        |                          | 64    | 0    | 76   | 0      | 140        |                         | 0     | 103  | 38   | 0      | 141        | 499       |
| 12:15 |                          | 0     | 0    | 0    | 0      | 0          |                         | 40    | 145  | 0    | 0      | 185        |                          | 66    | 0    | 82   | 0      | 148        |                         | 0     | 133  | 41   | 0      | 174        | 507       |
| 12:30 |                          | 0     | 0    | 0    | 0      | 0          |                         | 46    | 147  | 0    | 0      | 193        |                          | 66    | 0    | 83   | 0      | 149        |                         | 0     | 153  | 39   | 1      | 193        | 535       |
| 12:45 |                          | 0     | 0    | 0    | 0      | 0          |                         | 37    | 142  | 0    | 0      | 179        |                          | 77    | 0    | 106  | 0      | 183        |                         | 0     | 133  | 29   | 1      | 163        | 525       |
| Total | 0                        | 0     | 0    | 0    | 0      | 0          | 0                       | 178   | 597  | 0    | 0      | 775        | 0                        | 273   | 0    | 347  | 0      | 620        | 0                       | 0     | 522  | 147  | 2      | 671        | 2066      |
| 13:00 |                          | 0     | 0    | 0    | 0      | 0          |                         | 52    | 132  | 0    | 0      | 184        |                          | 56    | 1    | 82   | 0      | 139        |                         | 0     | 126  | 40   | 1      | 167        | 490       |
| 13:15 |                          | 0     | 0    | 0    | 0      | 0          |                         | 34    | 113  | 0    | 0      | 147        |                          | 73    | 0    | 82   | 0      | 155        |                         | 0     | 108  | 48   | 1      | 157        | 459       |
| 13:30 |                          | 0     | 0    | 0    | 0      | 0          |                         | 41    | 135  | 0    | 0      | 176        |                          | 54    | 0    | 79   | 0      | 133        |                         | 0     | 111  | 48   | 0      | 159        | 468       |
| 13:45 |                          | 0     | 0    | 0    | 0      | 0          |                         | 34    | 111  | 0    | 0      | 145        |                          | 55    | 0    | 99   | 0      | 154        |                         | 0     | 121  | 38   | 0      | 159        | 458       |
| Total | 0                        | 0     | 0    | 0    | 0      | 0          | 0                       | 161   | 491  | 0    | 0      | 652        | 0                        | 238   | 1    | 342  | 0      | 581        | 0                       | 0     | 466  | 174  | 2      | 642        | 1875      |
| 14:00 |                          | 0     | 0    | 0    | 0      | 0          |                         | 56    | 147  | 0    | 0      | 203        |                          | 64    | 1    | 91   | 0      | 156        |                         | 0     | 111  | 45   | 0      | 156        | 515       |
| 14:15 |                          | 0     | 0    | 0    | 0      | 0          |                         | 39    | 128  | 0    | 0      | 167        |                          | 78    | 0    | 67   | 0      | 145        |                         | 0     | 110  | 49   | 0      | 159        | 471       |
| 14:30 |                          | 0     | 0    | 0    | 0      | 0          |                         | 55    | 146  | 0    | 0      | 201        |                          | 72    | 1    | 71   | 0      | 144        |                         | 0     | 117  | 36   | 0      | 153        | 498       |
| 14:45 |                          | 0     | 0    | 0    | 0      | 0          |                         | 47    | 118  | 0    | 0      | 165        |                          | 100   | 0    | 89   | 0      | 189        |                         | 0     | 128  | 46   | 0      | 174        | 528       |
| Total | 0                        | 0     | 0    | 0    | 0      | 0          | 0                       | 197   | 539  | 0    | 0      | 736        | 0                        | 314   | 2    | 318  | 0      | 634        | 0                       | 0     | 466  | 176  | 0      | 642        | 2012      |
| 15:00 |                          | 0     | 0    | 0    | 0      | 0          |                         | 95    | 175  | 0    | 0      | 270        |                          | 92    | 0    | 79   | 0      | 171        |                         | 0     | 118  | 40   | 0      | 158        | 599       |
| 15:15 |                          | 0     | 0    | 0    | 0      | 0          |                         | 63    | 141  | 0    | 0      | 204        |                          | 77    | 0    | 96   | 0      | 173        |                         | 0     | 125  | 43   | 0      | 168        | 545       |
| 15:30 |                          | 0     | 0    | 0    | 0      | 0          |                         | 92    | 190  | 0    | 0      | 282        |                          | 91    | 1    | 104  | 0      | 196        |                         | 0     | 113  | 51   | 0      | 164        | 642       |
| 15:45 |                          | 0     | 0    | 0    | 0      | 0          |                         | 58    | 161  | 0    | 0      | 219        |                          | 84    | 0    | 100  | 0      | 184        |                         | 0     | 105  | 52   | 0      | 157        | 560       |
| Total | 0                        | 0     | 0    | 0    | 0      | 0          | 0                       | 308   | 667  | 0    | 0      | 975        | 0                        | 344   | 1    | 379  | 0      | 724        | 0                       | 0     | 461  | 186  | 0      | 647        | 2346      |
| 16:00 |                          | 0     | 0    | 0    | 0      | 0          |                         | 77    | 175  | 0    | 0      | 252        |                          | 87    | 0    | 105  | 0      | 192        |                         | 0     | 104  | 53   | 0      | 157        | 601       |
| 16:15 |                          | 0     | 0    | 0    | 0      | 0          |                         | 77    | 188  | 0    | 0      | 265        |                          | 121   | 0    | 106  | 0      | 227        |                         | 0     | 142  | 60   | 0      | 202        | 694       |
| 16:30 |                          | 0     | 0    | 0    | 0      | 0          |                         | 108   | 218  | 0    | 0      | 326        |                          | 103   | 0    | 81   | 0      | 184        |                         | 0     | 149  | 65   | 1      | 215        | 725       |
| 16:45 |                          | 0     | 0    | 0    | 0      | 0          |                         | 81    | 165  | 0    | 0      | 246        |                          | 111   | 1    | 108  | 0      | 220        |                         | 0     | 109  | 50   | 0      | 159        | 625       |

|             | 35E East Ramp<br>Southbound |       |      |      |        |            | County Road E<br>Westbound |       |      |      |        |            | 35E East Ramp<br>Northbound |       |      |      |        |            | County Road E<br>Eastbound |       |      |      |        |            |           |
|-------------|-----------------------------|-------|------|------|--------|------------|----------------------------|-------|------|------|--------|------------|-----------------------------|-------|------|------|--------|------------|----------------------------|-------|------|------|--------|------------|-----------|
| Time        | Peds                        | Right | Thru | Left | U-Turn | Appr Total | Peds                       | Right | Thru | Left | U-Turn | Appr Total | Peds                        | Right | Thru | Left | U-Turn | Appr Total | Peds                       | Right | Thru | Left | U-Turn | Appr Total | Int Total |
| Total       | 0                           | 0     | 0    | 0    | 0      | 0          | 0                          | 343   | 746  | 0    | 0      | 1089       | 0                           | 422   | 1    | 400  | 0      | 823        | 0                          | 0     | 504  | 228  | 1      | 733        | 2645      |
| 17:00       |                             | 0     | 0    | 0    | 0      | 0          |                            | 94    | 189  | 0    | 0      | 283        |                             | 114   | 0    | 116  | 0      | 230        |                            | 0     | 134  | 56   | 2      | 192        | 705       |
| 17:15       |                             | 0     | 0    | 0    | 0      | 0          |                            | 63    | 135  | 0    | 0      | 198        |                             | 89    | 1    | 94   | 0      | 184        |                            | 0     | 124  | 37   | 0      | 161        | 543       |
| 17:30       |                             | 0     | 0    | 0    | 0      | 0          |                            | 54    | 140  | 0    | 0      | 194        |                             | 86    | 0    | 70   | 0      | 156        |                            | 0     | 126  | 49   | 0      | 175        | 525       |
| 17:45       |                             | 0     | 0    | 0    | 0      | 0          |                            | 42    | 120  | 0    | 0      | 162        |                             | 94    | 0    | 110  | 0      | 204        |                            | 0     | 131  | 54   | 0      | 185        | 551       |
| Total       | 0                           | 0     | 0    | 0    | 0      | 0          | 0                          | 253   | 584  | 0    | 0      | 837        | 0                           | 383   | 1    | 390  | 0      | 774        | 0                          | 0     | 515  | 196  | 2      | 713        | 2324      |
| 18:00       |                             | 0     | 0    | 0    | 0      | 0          |                            | 53    | 125  | 0    | 0      | 178        |                             | 86    | 0    | 82   | 0      | 168        |                            | 0     | 110  | 38   | 0      | 148        | 494       |
| 18:15       |                             | 0     | 0    | 0    | 0      | 0          |                            | 33    | 120  | 0    | 0      | 153        |                             | 70    | 0    | 78   | 0      | 148        |                            | 0     | 101  | 40   | 0      | 141        | 442       |
| 18:30       |                             | 0     | 0    | 0    | 0      | 0          |                            | 32    | 97   | 0    | 0      | 129        |                             | 49    | 0    | 76   | 0      | 125        |                            | 0     | 92   | 43   | 0      | 135        | 389       |
| 18:45       |                             | 0     | 0    | 0    | 0      | 0          |                            | 31    | 81   | 0    | 0      | 112        |                             | 50    | 2    | 84   | 0      | 136        |                            | 0     | 113  | 58   | 0      | 171        | 419       |
| Total       | 0                           | 0     | 0    | 0    | 0      | 0          | 0                          | 149   | 423  | 0    | 0      | 572        | 0                           | 255   | 2    | 320  | 0      | 577        | 0                          | 0     | 416  | 179  | 0      | 595        | 1744      |
| 19:00       |                             | 0     | 0    | 0    | 0      | 0          |                            | 26    | 118  | 0    | 0      | 144        |                             | 49    | 0    | 68   | 0      | 117        |                            | 0     | 67   | 29   | 0      | 96         | 357       |
| 19:15       |                             | 0     | 0    | 0    | 0      | 0          |                            | 31    | 108  | 0    | 0      | 139        |                             | 46    | 1    | 79   | 0      | 126        |                            | 0     | 76   | 39   | 0      | 115        | 380       |
| 19:30       |                             | 0     | 0    | 0    | 0      | 0          |                            | 19    | 88   | 0    | 0      | 107        |                             | 28    | 0    | 54   | 0      | 82         |                            | 0     | 63   | 32   | 0      | 95         | 284       |
| 19:45       |                             | 0     | 0    | 0    | 0      | 0          |                            | 24    | 75   | 0    | 0      | 99         |                             | 25    | 0    | 74   | 0      | 99         |                            | 0     | 61   | 26   | 0      | 87         | 285       |
| Total       | 0                           | 0     | 0    | 0    | 0      | 0          | 0                          | 100   | 389  | 0    | 0      | 489        | 0                           | 148   | 1    | 275  | 0      | 424        | 0                          | 0     | 267  | 126  | 0      | 393        | 1306      |
| 20:00       |                             | 0     | 0    | 0    | 0      | 0          |                            | 32    | 80   | 0    | 0      | 112        |                             | 33    | 0    | 58   | 0      | 91         |                            | 0     | 59   | 31   | 1      | 91         | 294       |
| 20:15       |                             | 0     | 0    | 0    | 0      | 0          |                            | 41    | 90   | 0    | 0      | 131        |                             | 32    | 0    | 52   | 0      | 84         |                            | 0     | 55   | 36   | 0      | 91         | 306       |
| 20:30       |                             | 0     | 0    | 0    | 0      | 0          |                            | 19    | 60   | 0    | 0      | 79         |                             | 27    | 0    | 69   | 0      | 96         |                            | 0     | 40   | 29   | 0      | 69         | 244       |
| 20:45       |                             | 0     | 0    | 0    | 0      | 0          |                            | 24    | 70   | 0    | 0      | 94         |                             | 32    | 1    | 45   | 0      | 78         |                            | 0     | 45   | 28   | 0      | 73         | 245       |
| Total       | 0                           | 0     | 0    | 0    | 0      | 0          | 0                          | 116   | 300  | 0    | 0      | 416        | 0                           | 124   | 1    | 224  | 0      | 349        | 0                          | 0     | 199  | 124  | 1      | 324        | 1089      |
| 21:00       |                             | 0     | 0    | 0    | 0      | 0          |                            | 21    | 40   | 0    | 0      | 61         |                             | 16    | 0    | 34   | 0      | 50         |                            | 0     | 54   | 12   | 0      | 66         | 177       |
| 21:15       |                             | 0     | 0    | 0    | 0      | 0          |                            | 12    | 39   | 0    | 0      | 51         |                             | 32    | 1    | 29   | 0      | 62         |                            | 0     | 35   | 16   | 0      | 51         | 164       |
| 21:30       |                             | 0     | 0    | 0    | 0      | 0          |                            | 14    | 38   | 0    | 0      | 52         |                             | 16    | 1    | 39   | 0      | 56         |                            | 0     | 26   | 17   | 0      | 43         | 151       |
| 21:45       |                             | 0     | 0    | 0    | 0      | 0          |                            | 17    | 40   | 0    | 0      | 57         |                             | 19    | 0    | 24   | 0      | 43         |                            | 0     | 37   | 6    | 0      | 43         | 143       |
| Total       | 0                           | 0     | 0    | 0    | 0      | 0          | 0                          | 64    | 157  | 0    | 0      | 221        | 0                           | 83    | 2    | 126  | 0      | 211        | 0                          | 0     | 152  | 51   | 0      | 203        | 635       |
| Grand Total | 0                           | 0     | 0    | 0    | 0      | 0          | 0                          | 2653  | 7175 | 0    | 1      | 9829       | 0                           | 4578  | 22   | 4499 | 0      | 9099       | 0                          | 0     | 6487 | 2073 | 8      | 8568       | 27496     |
| Appr %      |                             | -2    | -2   | -2   | -2     |            |                            | 27    | 73   | 0    | 0      |            |                             | 50.3  | 0.2  | 49.4 | 0      |            |                            | 0     | 75.7 | 24.2 | 0.1    |            |           |
| Total %     |                             | 0     | 0    | 0    | 0      |            |                            | 9.6   | 26.1 | 0    | 0      |            |                             | 16.6  | 0.1  | 16.4 | 0      |            |                            | 0     | 23.6 | 7.5  | 0      |            |           |

|           | 35E East Ramp Southbound |       |       |       |        |            | County Road E Westbound |       |       |       |        |            | 35E East Ramp Northbound |       |       |       |        |            | County Road E Eastbound |       |       |       |        |            |           |
|-----------|--------------------------|-------|-------|-------|--------|------------|-------------------------|-------|-------|-------|--------|------------|--------------------------|-------|-------|-------|--------|------------|-------------------------|-------|-------|-------|--------|------------|-----------|
| Time      | Peds                     | Right | Thru  | Left  | U-Turn | Appr Total | Peds                    | Right | Thru  | Left  | U-Turn | Appr Total | Peds                     | Right | Thru  | Left  | U-Turn | Appr Total | Peds                    | Right | Thru  | Left  | U-Turn | Appr Total | Int Total |
| AM Pk Hr  |                          | 12:00 | 12:00 | 12:00 | 12:00  | 12:00      |                         | 12:00 | 12:00 | 12:00 | 12:00  | 12:00      |                          | 12:00 | 12:00 | 12:00 | 12:00  | 12:00      |                         | 12:00 | 12:00 | 12:00 | 12:00  | 12:00      | 12:00     |
| AM Pk Vol |                          | 0     | 0     | 0     | 0      | 0          |                         | 178   | 597   | 0     | 0      | 775        |                          | 273   | 0     | 347   | 0      | 620        |                         | 0     | 522   | 147   | 2      | 671        | 2066      |
| AM PHF    |                          | NaN   | NaN   | NaN   | NaN    | NaN        |                         | 0.809 | 0.916 | NaN   | NaN    | 0.889      |                          | 0.886 | NaN   | 0.818 | NaN    | 0.847      |                         | NaN   | 0.853 | 0.896 | 0.500  | 0.869      | 0.965     |
|           |                          |       |       |       |        |            |                         |       |       |       |        |            |                          |       |       |       |        |            |                         |       |       |       |        |            |           |
| PM Pk Hr  |                          | 16:15 | 16:15 | 16:15 | 16:15  | 16:15      |                         | 16:15 | 16:15 | 16:15 | 16:15  | 16:15      |                          | 16:15 | 16:15 | 16:15 | 16:15  | 16:15      |                         | 16:15 | 16:15 | 16:15 | 16:15  | 16:15      | 16:15     |
| PM Pk Vol |                          | 0     | 0     | 0     | 0      | 0          |                         | 360   | 760   | 0     | 0      | 1120       |                          | 449   | 1     | 411   | 0      | 861        |                         | 0     | 534   | 231   | 3      | 768        | 2749      |
| PM PHF    |                          | NaN   | NaN   | NaN   | NaN    | NaN        |                         | 0.833 | 0.872 | NaN   | NaN    | 0.859      |                          | 0.928 | 0.250 | 0.886 | NaN    | 0.936      |                         | NaN   | 0.896 | 0.888 | 0.375  | 0.893      | 0.948     |

# Ramsey County Public Works

## Turning Movement Count

**File Name:** County Road E at 35E East Ramp 0500-2200  
**Location:** County Road E at 35E East Ramp

### Trucks and Bikes

**Site Code:**  
**Study Date:** 05/24/2022

|       | 35E East Ramp Southbound |       |      |      |        |            | County Road E Westbound |       |      |      |        |            | 35E East Ramp Northbound |       |      |      |        |            | County Road E Eastbound |       |      |      |        |            |           |
|-------|--------------------------|-------|------|------|--------|------------|-------------------------|-------|------|------|--------|------------|--------------------------|-------|------|------|--------|------------|-------------------------|-------|------|------|--------|------------|-----------|
| Time  | Bikes                    | Right | Thru | Left | U-Turn | Appr Total | Bikes                   | Right | Thru | Left | U-Turn | Appr Total | Bikes                    | Right | Thru | Left | U-Turn | Appr Total | Bikes                   | Right | Thru | Left | U-Turn | Appr Total | Int Total |
| 05:00 |                          | 0     | 0    | 0    | 0      | 0          |                         | 0     | 0    | 0    | 0      | 0          |                          | 0     | 0    | 0    | 0      | 0          |                         | 0     | 0    | 0    | 0      | 0          | 0         |
| 05:15 |                          | 0     | 0    | 0    | 0      | 0          |                         | 0     | 0    | 0    | 0      | 0          |                          | 0     | 0    | 0    | 0      | 0          |                         | 0     | 0    | 0    | 0      | 0          | 0         |
| 05:30 |                          | 0     | 0    | 0    | 0      | 0          |                         | 0     | 0    | 0    | 0      | 0          |                          | 0     | 0    | 0    | 0      | 0          |                         | 0     | 0    | 0    | 0      | 0          | 0         |
| 05:45 |                          | 0     | 0    | 0    | 0      | 0          |                         | 0     | 0    | 0    | 0      | 0          |                          | 0     | 0    | 0    | 0      | 0          |                         | 0     | 0    | 0    | 0      | 0          | 0         |
| Total | 0                        | 0     | 0    | 0    | 0      | 0          | 0                       | 0     | 0    | 0    | 0      | 0          | 0                        | 0     | 0    | 0    | 0      | 0          | 0                       | 0     | 0    | 0    | 0      | 0          | 0         |
| 06:00 |                          | 0     | 0    | 0    | 0      | 0          |                         | 0     | 0    | 0    | 0      | 0          |                          | 0     | 0    | 0    | 0      | 0          |                         | 0     | 0    | 0    | 0      | 0          | 0         |
| 06:15 |                          | 0     | 0    | 0    | 0      | 0          |                         | 0     | 0    | 0    | 0      | 0          |                          | 0     | 0    | 0    | 0      | 0          |                         | 0     | 0    | 0    | 0      | 0          | 0         |
| 06:30 |                          | 0     | 0    | 0    | 0      | 0          |                         | 0     | 0    | 0    | 0      | 0          |                          | 0     | 0    | 0    | 0      | 0          |                         | 0     | 0    | 0    | 0      | 0          | 0         |
| 06:45 |                          | 0     | 0    | 0    | 0      | 0          |                         | 0     | 0    | 0    | 0      | 0          |                          | 0     | 0    | 0    | 0      | 0          |                         | 0     | 0    | 0    | 0      | 0          | 0         |
| Total | 0                        | 0     | 0    | 0    | 0      | 0          | 0                       | 0     | 0    | 0    | 0      | 0          | 0                        | 0     | 0    | 0    | 0      | 0          | 0                       | 0     | 0    | 0    | 0      | 0          | 0         |
| 07:00 |                          | 0     | 0    | 0    | 0      | 0          |                         | 0     | 0    | 0    | 0      | 0          |                          | 0     | 0    | 0    | 0      | 0          |                         | 0     | 0    | 0    | 0      | 0          | 0         |
| 07:15 |                          | 0     | 0    | 0    | 0      | 0          |                         | 0     | 0    | 0    | 0      | 0          |                          | 0     | 0    | 0    | 0      | 0          |                         | 0     | 0    | 0    | 0      | 0          | 0         |
| 07:30 |                          | 0     | 0    | 0    | 0      | 0          |                         | 0     | 0    | 0    | 0      | 0          |                          | 0     | 0    | 0    | 0      | 0          |                         | 0     | 0    | 0    | 0      | 0          | 0         |
| 07:45 |                          | 0     | 0    | 0    | 0      | 0          |                         | 0     | 0    | 0    | 0      | 0          |                          | 0     | 0    | 0    | 0      | 0          |                         | 0     | 0    | 0    | 0      | 0          | 0         |
| Total | 0                        | 0     | 0    | 0    | 0      | 0          | 0                       | 0     | 0    | 0    | 0      | 0          | 0                        | 0     | 0    | 0    | 0      | 0          | 0                       | 0     | 0    | 0    | 0      | 0          | 0         |
| 08:00 |                          | 0     | 0    | 0    | 0      | 0          |                         | 0     | 0    | 0    | 0      | 0          |                          | 0     | 0    | 0    | 0      | 0          |                         | 0     | 0    | 0    | 0      | 0          | 0         |
| 08:15 |                          | 0     | 0    | 0    | 0      | 0          |                         | 0     | 0    | 0    | 0      | 0          |                          | 0     | 0    | 0    | 0      | 0          |                         | 0     | 0    | 0    | 0      | 0          | 0         |
| 08:30 |                          | 0     | 0    | 0    | 0      | 0          |                         | 0     | 0    | 0    | 0      | 0          |                          | 0     | 0    | 0    | 0      | 0          |                         | 0     | 0    | 0    | 0      | 0          | 0         |
| 08:45 |                          | 0     | 0    | 0    | 0      | 0          |                         | 0     | 0    | 0    | 0      | 0          |                          | 0     | 0    | 0    | 0      | 0          |                         | 0     | 0    | 0    | 0      | 0          | 0         |
| Total | 0                        | 0     | 0    | 0    | 0      | 0          | 0                       | 0     | 0    | 0    | 0      | 0          | 0                        | 0     | 0    | 0    | 0      | 0          | 0                       | 0     | 0    | 0    | 0      | 0          | 0         |
| 09:00 |                          | 0     | 0    | 0    | 0      | 0          |                         | 0     | 0    | 0    | 0      | 0          |                          | 0     | 0    | 0    | 0      | 0          |                         | 0     | 0    | 0    | 0      | 0          | 0         |
| 09:15 |                          | 0     | 0    | 0    | 0      | 0          |                         | 0     | 0    | 0    | 0      | 0          |                          | 0     | 0    | 0    | 0      | 0          |                         | 0     | 0    | 0    | 0      | 0          | 0         |
| 09:30 |                          | 0     | 0    | 0    | 0      | 0          |                         | 0     | 0    | 0    | 0      | 0          |                          | 0     | 0    | 0    | 0      | 0          |                         | 0     | 0    | 0    | 0      | 0          | 0         |
| 09:45 |                          | 0     | 0    | 0    | 0      | 0          |                         | 0     | 0    | 0    | 0      | 0          |                          | 0     | 0    | 0    | 0      | 0          |                         | 0     | 0    | 0    | 0      | 0          | 0         |
| Total | 0                        | 0     | 0    | 0    | 0      | 0          | 0                       | 0     | 0    | 0    | 0      | 0          | 0                        | 0     | 0    | 0    | 0      | 0          | 0                       | 0     | 0    | 0    | 0      | 0          | 0         |

| Time  | 35E East Ramp Southbound |       |      |      |        |            | County Road E Westbound |       |      |      |        |            | 35E East Ramp Northbound |       |      |      |        |            | County Road E Eastbound |       |      |      |        |            | Int Total |
|-------|--------------------------|-------|------|------|--------|------------|-------------------------|-------|------|------|--------|------------|--------------------------|-------|------|------|--------|------------|-------------------------|-------|------|------|--------|------------|-----------|
|       | Bikes                    | Right | Thru | Left | U-Turn | Appr Total | Bikes                   | Right | Thru | Left | U-Turn | Appr Total | Bikes                    | Right | Thru | Left | U-Turn | Appr Total | Bikes                   | Right | Thru | Left | U-Turn | Appr Total |           |
| 10:00 |                          | 0     | 0    | 0    | 0      | 0          |                         | 0     | 0    | 0    | 0      | 0          |                          | 0     | 0    | 0    | 0      | 0          |                         | 0     | 0    | 0    | 0      | 0          | 0         |
| 10:15 |                          | 0     | 0    | 0    | 0      | 0          |                         | 0     | 0    | 0    | 0      | 0          |                          | 0     | 0    | 0    | 0      | 0          |                         | 0     | 0    | 0    | 0      | 0          | 0         |
| 10:30 |                          | 0     | 0    | 0    | 0      | 0          |                         | 0     | 0    | 0    | 0      | 0          |                          | 0     | 0    | 0    | 0      | 0          |                         | 0     | 0    | 0    | 0      | 0          | 0         |
| 10:45 |                          | 0     | 0    | 0    | 0      | 0          |                         | 0     | 0    | 0    | 0      | 0          |                          | 0     | 0    | 0    | 0      | 0          |                         | 0     | 0    | 0    | 0      | 0          | 0         |
| Total | 0                        | 0     | 0    | 0    | 0      | 0          | 0                       | 0     | 0    | 0    | 0      | 0          | 0                        | 0     | 0    | 0    | 0      | 0          | 0                       | 0     | 0    | 0    | 0      | 0          | 0         |
| 11:00 |                          | 0     | 0    | 0    | 0      | 0          |                         | 0     | 0    | 0    | 0      | 0          |                          | 0     | 0    | 0    | 0      | 0          |                         | 0     | 0    | 0    | 0      | 0          | 0         |
| 11:15 |                          | 0     | 0    | 0    | 0      | 0          |                         | 0     | 0    | 0    | 0      | 0          |                          | 0     | 0    | 0    | 0      | 0          |                         | 0     | 0    | 0    | 0      | 0          | 0         |
| 11:30 |                          | 0     | 0    | 0    | 0      | 0          |                         | 0     | 0    | 0    | 0      | 0          |                          | 0     | 0    | 0    | 0      | 0          |                         | 0     | 0    | 0    | 0      | 0          | 0         |
| 11:45 |                          | 0     | 0    | 0    | 0      | 0          |                         | 0     | 0    | 0    | 0      | 0          |                          | 0     | 0    | 0    | 0      | 0          |                         | 0     | 0    | 0    | 0      | 0          | 0         |
| Total | 0                        | 0     | 0    | 0    | 0      | 0          | 0                       | 0     | 0    | 0    | 0      | 0          | 0                        | 0     | 0    | 0    | 0      | 0          | 0                       | 0     | 0    | 0    | 0      | 0          | 0         |
| 12:00 |                          | 0     | 0    | 0    | 0      | 0          |                         | 0     | 0    | 0    | 0      | 0          |                          | 0     | 0    | 0    | 0      | 0          |                         | 0     | 0    | 0    | 0      | 0          | 0         |
| 12:15 |                          | 0     | 0    | 0    | 0      | 0          |                         | 0     | 0    | 0    | 0      | 0          |                          | 0     | 0    | 0    | 0      | 0          |                         | 0     | 0    | 0    | 0      | 0          | 0         |
| 12:30 |                          | 0     | 0    | 0    | 0      | 0          |                         | 0     | 0    | 0    | 0      | 0          |                          | 0     | 0    | 0    | 0      | 0          |                         | 0     | 0    | 0    | 0      | 0          | 0         |
| 12:45 |                          | 0     | 0    | 0    | 0      | 0          |                         | 0     | 0    | 0    | 0      | 0          |                          | 0     | 0    | 0    | 0      | 0          |                         | 0     | 0    | 0    | 0      | 0          | 0         |
| Total | 0                        | 0     | 0    | 0    | 0      | 0          | 0                       | 0     | 0    | 0    | 0      | 0          | 0                        | 0     | 0    | 0    | 0      | 0          | 0                       | 0     | 0    | 0    | 0      | 0          | 0         |
| 13:00 |                          | 0     | 0    | 0    | 0      | 0          |                         | 0     | 0    | 0    | 0      | 0          |                          | 0     | 0    | 0    | 0      | 0          |                         | 0     | 0    | 0    | 0      | 0          | 0         |
| 13:15 |                          | 0     | 0    | 0    | 0      | 0          |                         | 0     | 0    | 0    | 0      | 0          |                          | 0     | 0    | 0    | 0      | 0          |                         | 0     | 0    | 0    | 0      | 0          | 0         |
| 13:30 |                          | 0     | 0    | 0    | 0      | 0          |                         | 0     | 0    | 0    | 0      | 0          |                          | 0     | 0    | 0    | 0      | 0          |                         | 0     | 0    | 0    | 0      | 0          | 0         |
| 13:45 |                          | 0     | 0    | 0    | 0      | 0          |                         | 0     | 0    | 0    | 0      | 0          |                          | 0     | 0    | 0    | 0      | 0          |                         | 0     | 0    | 0    | 0      | 0          | 0         |
| Total | 0                        | 0     | 0    | 0    | 0      | 0          | 0                       | 0     | 0    | 0    | 0      | 0          | 0                        | 0     | 0    | 0    | 0      | 0          | 0                       | 0     | 0    | 0    | 0      | 0          | 0         |
| 14:00 |                          | 0     | 0    | 0    | 0      | 0          |                         | 0     | 0    | 0    | 0      | 0          |                          | 0     | 0    | 0    | 0      | 0          |                         | 0     | 0    | 0    | 0      | 0          | 0         |
| 14:15 |                          | 0     | 0    | 0    | 0      | 0          |                         | 0     | 0    | 0    | 0      | 0          |                          | 0     | 0    | 0    | 0      | 0          |                         | 0     | 0    | 0    | 0      | 0          | 0         |
| 14:30 |                          | 0     | 0    | 0    | 0      | 0          |                         | 0     | 0    | 0    | 0      | 0          |                          | 0     | 0    | 0    | 0      | 0          |                         | 0     | 0    | 0    | 0      | 0          | 0         |
| 14:45 |                          | 0     | 0    | 0    | 0      | 0          |                         | 0     | 0    | 0    | 0      | 0          |                          | 0     | 0    | 0    | 0      | 0          |                         | 0     | 0    | 0    | 0      | 0          | 0         |
| Total | 0                        | 0     | 0    | 0    | 0      | 0          | 0                       | 0     | 0    | 0    | 0      | 0          | 0                        | 0     | 0    | 0    | 0      | 0          | 0                       | 0     | 0    | 0    | 0      | 0          | 0         |
| 15:00 |                          | 0     | 0    | 0    | 0      | 0          |                         | 0     | 0    | 0    | 0      | 0          |                          | 0     | 0    | 0    | 0      | 0          |                         | 0     | 0    | 0    | 0      | 0          | 0         |
| 15:15 |                          | 0     | 0    | 0    | 0      | 0          |                         | 0     | 0    | 0    | 0      | 0          |                          | 0     | 0    | 0    | 0      | 0          |                         | 0     | 0    | 0    | 0      | 0          | 0         |
| 15:30 |                          | 0     | 0    | 0    | 0      | 0          |                         | 0     | 0    | 0    | 0      | 0          |                          | 0     | 0    | 0    | 0      | 0          |                         | 0     | 0    | 0    | 0      | 0          | 0         |
| 15:45 |                          | 0     | 0    | 0    | 0      | 0          |                         | 0     | 0    | 0    | 0      | 0          |                          | 0     | 0    | 0    | 0      | 0          |                         | 0     | 0    | 0    | 0      | 0          | 0         |
| Total | 0                        | 0     | 0    | 0    | 0      | 0          | 0                       | 0     | 0    | 0    | 0      | 0          | 0                        | 0     | 0    | 0    | 0      | 0          | 0                       | 0     | 0    | 0    | 0      | 0          | 0         |
| 16:00 |                          | 0     | 0    | 0    | 0      | 0          |                         | 0     | 0    | 0    | 0      | 0          |                          | 0     | 0    | 0    | 0      | 0          |                         | 0     | 0    | 0    | 0      | 0          | 0         |
| 16:15 |                          | 0     | 0    | 0    | 0      | 0          |                         | 0     | 0    | 0    | 0      | 0          |                          | 0     | 0    | 0    | 0      | 0          |                         | 0     | 0    | 0    | 0      | 0          | 0         |
| 16:30 |                          | 0     | 0    | 0    | 0      | 0          |                         | 0     | 0    | 0    | 0      | 0          |                          | 0     | 0    | 0    | 0      | 0          |                         | 0     | 0    | 0    | 0      | 0          | 0         |
| 16:45 |                          | 0     | 0    | 0    | 0      | 0          |                         | 0     | 0    | 0    | 0      | 0          |                          | 0     | 0    | 0    | 0      | 0          |                         | 0     | 0    | 0    | 0      | 0          | 0         |

|             | 35E East Ramp<br>Southbound |       |      |      |        |            | County Road E<br>Westbound |       |      |      |        |            | 35E East Ramp<br>Northbound |       |      |      |        |            | County Road E<br>Eastbound |       |      |      |        |            |           |
|-------------|-----------------------------|-------|------|------|--------|------------|----------------------------|-------|------|------|--------|------------|-----------------------------|-------|------|------|--------|------------|----------------------------|-------|------|------|--------|------------|-----------|
| Time        | Bikes                       | Right | Thru | Left | U-Turn | Appr Total | Bikes                      | Right | Thru | Left | U-Turn | Appr Total | Bikes                       | Right | Thru | Left | U-Turn | Appr Total | Bikes                      | Right | Thru | Left | U-Turn | Appr Total | Int Total |
| Total       | 0                           | 0     | 0    | 0    | 0      | 0          | 0                          | 0     | 0    | 0    | 0      | 0          | 0                           | 0     | 0    | 0    | 0      | 0          | 0                          | 0     | 0    | 0    | 0      | 0          | 0         |
| 17:00       |                             | 0     | 0    | 0    | 0      | 0          |                            | 0     | 0    | 0    | 0      | 0          |                             | 0     | 0    | 0    | 0      | 0          |                            | 0     | 0    | 0    | 0      | 0          | 0         |
| 17:15       |                             | 0     | 0    | 0    | 0      | 0          |                            | 0     | 0    | 0    | 0      | 0          |                             | 0     | 0    | 0    | 0      | 0          |                            | 0     | 0    | 0    | 0      | 0          | 0         |
| 17:30       |                             | 0     | 0    | 0    | 0      | 0          |                            | 0     | 0    | 0    | 0      | 0          |                             | 0     | 0    | 0    | 0      | 0          |                            | 0     | 0    | 0    | 0      | 0          | 0         |
| 17:45       |                             | 0     | 0    | 0    | 0      | 0          |                            | 0     | 0    | 0    | 0      | 0          |                             | 0     | 0    | 0    | 0      | 0          |                            | 0     | 0    | 0    | 0      | 0          | 0         |
| Total       | 0                           | 0     | 0    | 0    | 0      | 0          | 0                          | 0     | 0    | 0    | 0      | 0          | 0                           | 0     | 0    | 0    | 0      | 0          | 0                          | 0     | 0    | 0    | 0      | 0          | 0         |
| 18:00       |                             | 0     | 0    | 0    | 0      | 0          |                            | 0     | 0    | 0    | 0      | 0          |                             | 0     | 0    | 0    | 0      | 0          |                            | 0     | 0    | 0    | 0      | 0          | 0         |
| 18:15       |                             | 0     | 0    | 0    | 0      | 0          |                            | 0     | 0    | 0    | 0      | 0          |                             | 0     | 0    | 0    | 0      | 0          |                            | 0     | 0    | 0    | 0      | 0          | 0         |
| 18:30       |                             | 0     | 0    | 0    | 0      | 0          |                            | 0     | 0    | 0    | 0      | 0          |                             | 0     | 0    | 0    | 0      | 0          |                            | 0     | 0    | 0    | 0      | 0          | 0         |
| 18:45       |                             | 0     | 0    | 0    | 0      | 0          |                            | 0     | 0    | 0    | 0      | 0          |                             | 0     | 0    | 0    | 0      | 0          |                            | 0     | 0    | 0    | 0      | 0          | 0         |
| Total       | 0                           | 0     | 0    | 0    | 0      | 0          | 0                          | 0     | 0    | 0    | 0      | 0          | 0                           | 0     | 0    | 0    | 0      | 0          | 0                          | 0     | 0    | 0    | 0      | 0          | 0         |
| 19:00       |                             | 0     | 0    | 0    | 0      | 0          |                            | 0     | 0    | 0    | 0      | 0          |                             | 0     | 0    | 0    | 0      | 0          |                            | 0     | 0    | 0    | 0      | 0          | 0         |
| 19:15       |                             | 0     | 0    | 0    | 0      | 0          |                            | 0     | 0    | 0    | 0      | 0          |                             | 0     | 0    | 0    | 0      | 0          |                            | 0     | 0    | 0    | 0      | 0          | 0         |
| 19:30       |                             | 0     | 0    | 0    | 0      | 0          |                            | 0     | 0    | 0    | 0      | 0          |                             | 0     | 0    | 0    | 0      | 0          |                            | 0     | 0    | 0    | 0      | 0          | 0         |
| 19:45       |                             | 0     | 0    | 0    | 0      | 0          |                            | 0     | 0    | 0    | 0      | 0          |                             | 0     | 0    | 0    | 0      | 0          |                            | 0     | 0    | 0    | 0      | 0          | 0         |
| Total       | 0                           | 0     | 0    | 0    | 0      | 0          | 0                          | 0     | 0    | 0    | 0      | 0          | 0                           | 0     | 0    | 0    | 0      | 0          | 0                          | 0     | 0    | 0    | 0      | 0          | 0         |
| 20:00       |                             | 0     | 0    | 0    | 0      | 0          |                            | 0     | 0    | 0    | 0      | 0          |                             | 0     | 0    | 0    | 0      | 0          |                            | 0     | 0    | 0    | 0      | 0          | 0         |
| 20:15       |                             | 0     | 0    | 0    | 0      | 0          |                            | 0     | 0    | 0    | 0      | 0          |                             | 0     | 0    | 0    | 0      | 0          |                            | 0     | 0    | 0    | 0      | 0          | 0         |
| 20:30       |                             | 0     | 0    | 0    | 0      | 0          |                            | 0     | 0    | 0    | 0      | 0          |                             | 0     | 0    | 0    | 0      | 0          |                            | 0     | 0    | 0    | 0      | 0          | 0         |
| 20:45       |                             | 0     | 0    | 0    | 0      | 0          |                            | 0     | 0    | 0    | 0      | 0          |                             | 0     | 0    | 0    | 0      | 0          |                            | 0     | 0    | 0    | 0      | 0          | 0         |
| Total       | 0                           | 0     | 0    | 0    | 0      | 0          | 0                          | 0     | 0    | 0    | 0      | 0          | 0                           | 0     | 0    | 0    | 0      | 0          | 0                          | 0     | 0    | 0    | 0      | 0          | 0         |
| 21:00       |                             | 0     | 0    | 0    | 0      | 0          |                            | 0     | 0    | 0    | 0      | 0          |                             | 0     | 0    | 0    | 0      | 0          |                            | 0     | 0    | 0    | 0      | 0          | 0         |
| 21:15       |                             | 0     | 0    | 0    | 0      | 0          |                            | 0     | 0    | 0    | 0      | 0          |                             | 0     | 0    | 0    | 0      | 0          |                            | 0     | 0    | 0    | 0      | 0          | 0         |
| 21:30       |                             | 0     | 0    | 0    | 0      | 0          |                            | 0     | 0    | 0    | 0      | 0          |                             | 0     | 0    | 0    | 0      | 0          |                            | 0     | 0    | 0    | 0      | 0          | 0         |
| 21:45       |                             | 0     | 0    | 0    | 0      | 0          |                            | 0     | 0    | 0    | 0      | 0          |                             | 0     | 0    | 0    | 0      | 0          |                            | 0     | 0    | 0    | 0      | 0          | 0         |
| Total       | 0                           | 0     | 0    | 0    | 0      | 0          | 0                          | 0     | 0    | 0    | 0      | 0          | 0                           | 0     | 0    | 0    | 0      | 0          | 0                          | 0     | 0    | 0    | 0      | 0          | 0         |
| Grand Total | 0                           | 0     | 0    | 0    | 0      | 0          | 0                          | 0     | 0    | 0    | 0      | 0          | 0                           | 0     | 0    | 0    | 0      | 0          | 0                          | 0     | 0    | 0    | 0      | 0          | 0         |
| Appr %      |                             | -2    | -2   | -2   | -2     |            |                            | -2    | -2   | -2   | -2     |            |                             | -2    | -2   | -2   | -2     |            |                            | -2    | -2   | -2   | -2     |            |           |
| Total %     |                             | -3    | -3   | -3   | -3     |            |                            | -3    | -3   | -3   | -3     |            |                             | -3    | -3   | -3   | -3     |            |                            | -3    | -3   | -3   | -3     |            |           |

|              | 35E East Ramp<br>Southbound |       |       |       |        |            | County Road E<br>Westbound |       |       |       |        |            | 35E East Ramp<br>Northbound |       |       |       |        |            | County Road E<br>Eastbound |       |       |       |        |            |           |
|--------------|-----------------------------|-------|-------|-------|--------|------------|----------------------------|-------|-------|-------|--------|------------|-----------------------------|-------|-------|-------|--------|------------|----------------------------|-------|-------|-------|--------|------------|-----------|
| Time         | Bikes                       | Right | Thru  | Left  | U-Turn | Appr Total | Bikes                      | Right | Thru  | Left  | U-Turn | Appr Total | Bikes                       | Right | Thru  | Left  | U-Turn | Appr Total | Bikes                      | Right | Thru  | Left  | U-Turn | Appr Total | Int Total |
| AM<br>Pk Hr  |                             | 12:00 | 12:00 | 12:00 | 12:00  | 12:00      |                            | 12:00 | 12:00 | 12:00 | 12:00  | 12:00      |                             | 12:00 | 12:00 | 12:00 | 12:00  | 12:00      |                            | 12:00 | 12:00 | 12:00 | 12:00  | 12:00      | 12:00     |
| AM<br>Pk Vol |                             | 0     | 0     | 0     | 0      | 0          |                            | 0     | 0     | 0     | 0      | 0          |                             | 0     | 0     | 0     | 0      | 0          |                            | 0     | 0     | 0     | 0      | 0          | 0         |
| AM<br>PHF    |                             | NaN   | NaN   | NaN   | NaN    | NaN        |                            | NaN   | NaN   | NaN   | NaN    | NaN        |                             | NaN   | NaN   | NaN   | NaN    | NaN        |                            | NaN   | NaN   | NaN   | NaN    | NaN        | NaN       |
|              |                             |       |       |       |        |            |                            |       |       |       |        |            |                             |       |       |       |        |            |                            |       |       |       |        |            |           |
| PM<br>Pk Hr  |                             | 21:15 | 21:15 | 21:15 | 21:15  | 21:15      |                            | 21:15 | 21:15 | 21:15 | 21:15  | 21:15      |                             | 21:15 | 21:15 | 21:15 | 21:15  | 21:15      |                            | 21:15 | 21:15 | 21:15 | 21:15  | 21:15      | 21:15     |
| PM<br>Pk Vol |                             | 0     | 0     | 0     | 0      | 0          |                            | 0     | 0     | 0     | 0      | 0          |                             | 0     | 0     | 0     | 0      | 0          |                            | 0     | 0     | 0     | 0      | 0          | 0         |
| PM<br>PHF    |                             | NaN   | NaN   | NaN   | NaN    | NaN        |                            | NaN   | NaN   | NaN   | NaN    | NaN        |                             | NaN   | NaN   | NaN   | NaN    | NaN        |                            | NaN   | NaN   | NaN   | NaN    | NaN        | NaN       |

# Ramsey County Public Works

## Turning Movement Count

File Name: County Road E at 35E East Ramp 0500-2200  
 Location: County Road E at 35E East Ramp

All Vehicles

Site Code:  
 Study Date: 05/24/2022

| Time  | 35E East Ramp Southbound |      |      |        |            | County Road E Westbound |      |      |        |            | 35E East Ramp Northbound |      |      |        |            | County Road E Eastbound |      |      |        |            | Int Total |
|-------|--------------------------|------|------|--------|------------|-------------------------|------|------|--------|------------|--------------------------|------|------|--------|------------|-------------------------|------|------|--------|------------|-----------|
|       | Right                    | Thru | Left | U-Turn | Appr Total | Right                   | Thru | Left | U-Turn | Appr Total | Right                    | Thru | Left | U-Turn | Appr Total | Right                   | Thru | Left | U-Turn | Appr Total |           |
| 05:00 | 0                        | 0    | 0    | 0      | 0          | 3                       | 6    | 0    | 0      | 9          | 14                       | 1    | 4    | 0      | 19         | 0                       | 5    | 1    | 0      | 6          | 34        |
| 05:15 | 0                        | 0    | 0    | 0      | 0          | 5                       | 12   | 0    | 0      | 17         | 17                       | 0    | 5    | 0      | 22         | 0                       | 8    | 2    | 0      | 10         | 49        |
| 05:30 | 0                        | 0    | 0    | 0      | 0          | 4                       | 12   | 0    | 0      | 16         | 31                       | 0    | 10   | 0      | 41         | 0                       | 27   | 3    | 0      | 30         | 87        |
| 05:45 | 0                        | 0    | 0    | 0      | 0          | 12                      | 24   | 0    | 0      | 36         | 48                       | 0    | 14   | 0      | 62         | 0                       | 32   | 4    | 0      | 36         | 134       |
| Total | 0                        | 0    | 0    | 0      | 0          | 24                      | 54   | 0    | 0      | 78         | 110                      | 1    | 33   | 0      | 144        | 0                       | 72   | 10   | 0      | 82         | 304       |
| 06:00 | 0                        | 0    | 0    | 0      | 0          | 7                       | 33   | 0    | 0      | 40         | 46                       | 0    | 22   | 0      | 68         | 0                       | 30   | 7    | 0      | 37         | 145       |
| 06:15 | 0                        | 0    | 0    | 0      | 0          | 11                      | 29   | 0    | 0      | 40         | 59                       | 1    | 19   | 0      | 79         | 0                       | 52   | 8    | 0      | 60         | 179       |
| 06:30 | 0                        | 0    | 0    | 0      | 0          | 14                      | 51   | 0    | 0      | 65         | 68                       | 0    | 27   | 0      | 95         | 0                       | 68   | 10   | 0      | 78         | 238       |
| 06:45 | 0                        | 0    | 0    | 0      | 0          | 20                      | 51   | 0    | 0      | 71         | 103                      | 1    | 46   | 0      | 150        | 0                       | 84   | 2    | 0      | 86         | 307       |
| Total | 0                        | 0    | 0    | 0      | 0          | 52                      | 164  | 0    | 0      | 216        | 276                      | 2    | 114  | 0      | 392        | 0                       | 234  | 27   | 0      | 261        | 869       |
| 07:00 | 0                        | 0    | 0    | 0      | 0          | 15                      | 60   | 0    | 0      | 75         | 107                      | 0    | 33   | 0      | 140        | 0                       | 94   | 9    | 0      | 103        | 318       |
| 07:15 | 0                        | 0    | 0    | 0      | 0          | 32                      | 83   | 0    | 0      | 115        | 121                      | 0    | 55   | 0      | 176        | 0                       | 118  | 13   | 0      | 131        | 422       |
| 07:30 | 0                        | 0    | 0    | 0      | 0          | 34                      | 88   | 0    | 0      | 122        | 159                      | 0    | 60   | 0      | 219        | 0                       | 153  | 15   | 0      | 168        | 509       |
| 07:45 | 0                        | 0    | 0    | 0      | 0          | 45                      | 107  | 0    | 0      | 152        | 133                      | 0    | 41   | 0      | 174        | 0                       | 165  | 20   | 0      | 185        | 511       |
| Total | 0                        | 0    | 0    | 0      | 0          | 126                     | 338  | 0    | 0      | 464        | 520                      | 0    | 189  | 0      | 709        | 0                       | 530  | 57   | 0      | 587        | 1760      |
| 08:00 | 0                        | 0    | 0    | 0      | 0          | 33                      | 84   | 0    | 0      | 117        | 114                      | 0    | 44   | 0      | 158        | 0                       | 121  | 8    | 0      | 129        | 404       |
| 08:15 | 0                        | 0    | 0    | 0      | 0          | 40                      | 82   | 0    | 0      | 122        | 88                       | 0    | 60   | 0      | 148        | 0                       | 121  | 12   | 0      | 133        | 403       |
| 08:30 | 0                        | 0    | 0    | 0      | 0          | 33                      | 103  | 0    | 0      | 136        | 87                       | 0    | 56   | 0      | 143        | 0                       | 109  | 26   | 0      | 135        | 414       |
| 08:45 | 0                        | 0    | 0    | 0      | 0          | 42                      | 102  | 0    | 0      | 144        | 103                      | 0    | 53   | 0      | 156        | 0                       | 116  | 23   | 0      | 139        | 439       |
| Total | 0                        | 0    | 0    | 0      | 0          | 148                     | 371  | 0    | 0      | 519        | 392                      | 0    | 213  | 0      | 605        | 0                       | 467  | 69   | 0      | 536        | 1660      |
| 09:00 | 0                        | 0    | 0    | 0      | 0          | 35                      | 78   | 0    | 0      | 113        | 71                       | 1    | 52   | 0      | 124        | 0                       | 96   | 22   | 0      | 118        | 355       |
| 09:15 | 0                        | 0    | 0    | 0      | 0          | 27                      | 102  | 0    | 0      | 129        | 46                       | 0    | 67   | 0      | 113        | 0                       | 91   | 17   | 0      | 108        | 350       |
| 09:30 | 0                        | 0    | 0    | 0      | 0          | 31                      | 99   | 0    | 0      | 130        | 68                       | 0    | 48   | 0      | 116        | 0                       | 78   | 16   | 0      | 94         | 340       |
| 09:45 | 0                        | 0    | 0    | 0      | 0          | 38                      | 85   | 0    | 0      | 123        | 68                       | 0    | 76   | 0      | 144        | 0                       | 80   | 25   | 0      | 105        | 372       |
| Total | 0                        | 0    | 0    | 0      | 0          | 131                     | 364  | 0    | 0      | 495        | 253                      | 1    | 243  | 0      | 497        | 0                       | 345  | 80   | 0      | 425        | 1417      |

| Time  | 35E East Ramp Southbound |      |      |        |            | County Road E Westbound |      |      |        |            | 35E East Ramp Northbound |      |      |        |            | County Road E Eastbound |      |      |        |            | Int Total |
|-------|--------------------------|------|------|--------|------------|-------------------------|------|------|--------|------------|--------------------------|------|------|--------|------------|-------------------------|------|------|--------|------------|-----------|
|       | Right                    | Thru | Left | U-Turn | Appr Total | Right                   | Thru | Left | U-Turn | Appr Total | Right                    | Thru | Left | U-Turn | Appr Total | Right                   | Thru | Left | U-Turn | Appr Total |           |
| 10:00 | 0                        | 0    | 0    | 0      | 0          | 29                      | 111  | 0    | 0      | 140        | 49                       | 1    | 65   | 0      | 115        | 0                       | 102  | 27   | 0      | 129        | 384       |
| 10:15 | 0                        | 0    | 0    | 0      | 0          | 31                      | 117  | 0    | 0      | 148        | 51                       | 0    | 69   | 0      | 120        | 0                       | 106  | 27   | 0      | 133        | 401       |
| 10:30 | 0                        | 0    | 0    | 0      | 0          | 39                      | 129  | 0    | 0      | 168        | 42                       | 2    | 65   | 0      | 109        | 0                       | 92   | 25   | 0      | 117        | 394       |
| 10:45 | 0                        | 0    | 0    | 0      | 0          | 33                      | 108  | 0    | 0      | 141        | 56                       | 1    | 70   | 0      | 127        | 0                       | 105  | 19   | 0      | 124        | 392       |
| Total | 0                        | 0    | 0    | 0      | 0          | 132                     | 465  | 0    | 0      | 597        | 198                      | 4    | 269  | 0      | 471        | 0                       | 405  | 98   | 0      | 503        | 1571      |
| 11:00 | 0                        | 0    | 0    | 0      | 0          | 41                      | 137  | 0    | 0      | 178        | 49                       | 1    | 62   | 0      | 112        | 0                       | 103  | 34   | 0      | 137        | 427       |
| 11:15 | 0                        | 0    | 0    | 0      | 0          | 39                      | 138  | 0    | 0      | 177        | 73                       | 1    | 82   | 0      | 156        | 0                       | 100  | 34   | 0      | 134        | 467       |
| 11:30 | 0                        | 0    | 0    | 0      | 0          | 40                      | 147  | 0    | 0      | 187        | 56                       | 0    | 94   | 0      | 150        | 0                       | 123  | 48   | 0      | 171        | 508       |
| 11:45 | 0                        | 0    | 0    | 0      | 0          | 51                      | 104  | 0    | 1      | 156        | 67                       | 0    | 79   | 0      | 146        | 0                       | 140  | 29   | 0      | 169        | 471       |
| Total | 0                        | 0    | 0    | 0      | 0          | 171                     | 526  | 0    | 1      | 698        | 245                      | 2    | 317  | 0      | 564        | 0                       | 466  | 145  | 0      | 611        | 1873      |
| 12:00 | 0                        | 0    | 0    | 0      | 0          | 55                      | 163  | 0    | 0      | 218        | 64                       | 0    | 76   | 0      | 140        | 0                       | 103  | 38   | 0      | 141        | 499       |
| 12:15 | 0                        | 0    | 0    | 0      | 0          | 40                      | 145  | 0    | 0      | 185        | 66                       | 0    | 82   | 0      | 148        | 0                       | 133  | 41   | 0      | 174        | 507       |
| 12:30 | 0                        | 0    | 0    | 0      | 0          | 46                      | 147  | 0    | 0      | 193        | 66                       | 0    | 83   | 0      | 149        | 0                       | 153  | 39   | 1      | 193        | 535       |
| 12:45 | 0                        | 0    | 0    | 0      | 0          | 37                      | 142  | 0    | 0      | 179        | 77                       | 0    | 106  | 0      | 183        | 0                       | 133  | 29   | 1      | 163        | 525       |
| Total | 0                        | 0    | 0    | 0      | 0          | 178                     | 597  | 0    | 0      | 775        | 273                      | 0    | 347  | 0      | 620        | 0                       | 522  | 147  | 2      | 671        | 2066      |
| 13:00 | 0                        | 0    | 0    | 0      | 0          | 52                      | 132  | 0    | 0      | 184        | 56                       | 1    | 82   | 0      | 139        | 0                       | 126  | 40   | 1      | 167        | 490       |
| 13:15 | 0                        | 0    | 0    | 0      | 0          | 34                      | 113  | 0    | 0      | 147        | 73                       | 0    | 82   | 0      | 155        | 0                       | 108  | 48   | 1      | 157        | 459       |
| 13:30 | 0                        | 0    | 0    | 0      | 0          | 41                      | 135  | 0    | 0      | 176        | 54                       | 0    | 79   | 0      | 133        | 0                       | 111  | 48   | 0      | 159        | 468       |
| 13:45 | 0                        | 0    | 0    | 0      | 0          | 34                      | 111  | 0    | 0      | 145        | 55                       | 0    | 99   | 0      | 154        | 0                       | 121  | 38   | 0      | 159        | 458       |
| Total | 0                        | 0    | 0    | 0      | 0          | 161                     | 491  | 0    | 0      | 652        | 238                      | 1    | 342  | 0      | 581        | 0                       | 466  | 174  | 2      | 642        | 1875      |
| 14:00 | 0                        | 0    | 0    | 0      | 0          | 56                      | 147  | 0    | 0      | 203        | 64                       | 1    | 91   | 0      | 156        | 0                       | 111  | 45   | 0      | 156        | 515       |
| 14:15 | 0                        | 0    | 0    | 0      | 0          | 39                      | 128  | 0    | 0      | 167        | 78                       | 0    | 67   | 0      | 145        | 0                       | 110  | 49   | 0      | 159        | 471       |
| 14:30 | 0                        | 0    | 0    | 0      | 0          | 55                      | 146  | 0    | 0      | 201        | 72                       | 1    | 71   | 0      | 144        | 0                       | 117  | 36   | 0      | 153        | 498       |
| 14:45 | 0                        | 0    | 0    | 0      | 0          | 47                      | 118  | 0    | 0      | 165        | 100                      | 0    | 89   | 0      | 189        | 0                       | 128  | 46   | 0      | 174        | 528       |
| Total | 0                        | 0    | 0    | 0      | 0          | 197                     | 539  | 0    | 0      | 736        | 314                      | 2    | 318  | 0      | 634        | 0                       | 466  | 176  | 0      | 642        | 2012      |
| 15:00 | 0                        | 0    | 0    | 0      | 0          | 95                      | 175  | 0    | 0      | 270        | 92                       | 0    | 79   | 0      | 171        | 0                       | 118  | 40   | 0      | 158        | 599       |
| 15:15 | 0                        | 0    | 0    | 0      | 0          | 63                      | 141  | 0    | 0      | 204        | 77                       | 0    | 96   | 0      | 173        | 0                       | 125  | 43   | 0      | 168        | 545       |
| 15:30 | 0                        | 0    | 0    | 0      | 0          | 92                      | 190  | 0    | 0      | 282        | 91                       | 1    | 104  | 0      | 196        | 0                       | 113  | 51   | 0      | 164        | 642       |
| 15:45 | 0                        | 0    | 0    | 0      | 0          | 58                      | 161  | 0    | 0      | 219        | 84                       | 0    | 100  | 0      | 184        | 0                       | 105  | 52   | 0      | 157        | 560       |
| Total | 0                        | 0    | 0    | 0      | 0          | 308                     | 667  | 0    | 0      | 975        | 344                      | 1    | 379  | 0      | 724        | 0                       | 461  | 186  | 0      | 647        | 2346      |
| 16:00 | 0                        | 0    | 0    | 0      | 0          | 77                      | 175  | 0    | 0      | 252        | 87                       | 0    | 105  | 0      | 192        | 0                       | 104  | 53   | 0      | 157        | 601       |
| 16:15 | 0                        | 0    | 0    | 0      | 0          | 77                      | 188  | 0    | 0      | 265        | 121                      | 0    | 106  | 0      | 227        | 0                       | 142  | 60   | 0      | 202        | 694       |
| 16:30 | 0                        | 0    | 0    | 0      | 0          | 108                     | 218  | 0    | 0      | 326        | 103                      | 0    | 81   | 0      | 184        | 0                       | 149  | 65   | 1      | 215        | 725       |
| 16:45 | 0                        | 0    | 0    | 0      | 0          | 81                      | 165  | 0    | 0      | 246        | 111                      | 1    | 108  | 0      | 220        | 0                       | 109  | 50   | 0      | 159        | 625       |
| Total | 0                        | 0    | 0    | 0      | 0          | 343                     | 746  | 0    | 0      | 1089       | 422                      | 1    | 400  | 0      | 823        | 0                       | 504  | 228  | 1      | 733        | 2645      |

| Time        | 35E East Ramp Southbound |      |      |        |            | County Road E Westbound |      |      |        |            | 35E East Ramp Northbound |      |      |        |            | County Road E Eastbound |      |      |        |            | Int Total |
|-------------|--------------------------|------|------|--------|------------|-------------------------|------|------|--------|------------|--------------------------|------|------|--------|------------|-------------------------|------|------|--------|------------|-----------|
|             | Right                    | Thru | Left | U-Turn | Appr Total | Right                   | Thru | Left | U-Turn | Appr Total | Right                    | Thru | Left | U-Turn | Appr Total | Right                   | Thru | Left | U-Turn | Appr Total |           |
| 17:00       | 0                        | 0    | 0    | 0      | 0          | 94                      | 189  | 0    | 0      | 283        | 114                      | 0    | 116  | 0      | 230        | 0                       | 134  | 56   | 2      | 192        | 705       |
| 17:15       | 0                        | 0    | 0    | 0      | 0          | 63                      | 135  | 0    | 0      | 198        | 89                       | 1    | 94   | 0      | 184        | 0                       | 124  | 37   | 0      | 161        | 543       |
| 17:30       | 0                        | 0    | 0    | 0      | 0          | 54                      | 140  | 0    | 0      | 194        | 86                       | 0    | 70   | 0      | 156        | 0                       | 126  | 49   | 0      | 175        | 525       |
| 17:45       | 0                        | 0    | 0    | 0      | 0          | 42                      | 120  | 0    | 0      | 162        | 94                       | 0    | 110  | 0      | 204        | 0                       | 131  | 54   | 0      | 185        | 551       |
| Total       | 0                        | 0    | 0    | 0      | 0          | 253                     | 584  | 0    | 0      | 837        | 383                      | 1    | 390  | 0      | 774        | 0                       | 515  | 196  | 2      | 713        | 2324      |
| 18:00       | 0                        | 0    | 0    | 0      | 0          | 53                      | 125  | 0    | 0      | 178        | 86                       | 0    | 82   | 0      | 168        | 0                       | 110  | 38   | 0      | 148        | 494       |
| 18:15       | 0                        | 0    | 0    | 0      | 0          | 33                      | 120  | 0    | 0      | 153        | 70                       | 0    | 78   | 0      | 148        | 0                       | 101  | 40   | 0      | 141        | 442       |
| 18:30       | 0                        | 0    | 0    | 0      | 0          | 32                      | 97   | 0    | 0      | 129        | 49                       | 0    | 76   | 0      | 125        | 0                       | 92   | 43   | 0      | 135        | 389       |
| 18:45       | 0                        | 0    | 0    | 0      | 0          | 31                      | 81   | 0    | 0      | 112        | 50                       | 2    | 84   | 0      | 136        | 0                       | 113  | 58   | 0      | 171        | 419       |
| Total       | 0                        | 0    | 0    | 0      | 0          | 149                     | 423  | 0    | 0      | 572        | 255                      | 2    | 320  | 0      | 577        | 0                       | 416  | 179  | 0      | 595        | 1744      |
| 19:00       | 0                        | 0    | 0    | 0      | 0          | 26                      | 118  | 0    | 0      | 144        | 49                       | 0    | 68   | 0      | 117        | 0                       | 67   | 29   | 0      | 96         | 357       |
| 19:15       | 0                        | 0    | 0    | 0      | 0          | 31                      | 108  | 0    | 0      | 139        | 46                       | 1    | 79   | 0      | 126        | 0                       | 76   | 39   | 0      | 115        | 380       |
| 19:30       | 0                        | 0    | 0    | 0      | 0          | 19                      | 88   | 0    | 0      | 107        | 28                       | 0    | 54   | 0      | 82         | 0                       | 63   | 32   | 0      | 95         | 284       |
| 19:45       | 0                        | 0    | 0    | 0      | 0          | 24                      | 75   | 0    | 0      | 99         | 25                       | 0    | 74   | 0      | 99         | 0                       | 61   | 26   | 0      | 87         | 285       |
| Total       | 0                        | 0    | 0    | 0      | 0          | 100                     | 389  | 0    | 0      | 489        | 148                      | 1    | 275  | 0      | 424        | 0                       | 267  | 126  | 0      | 393        | 1306      |
| 20:00       | 0                        | 0    | 0    | 0      | 0          | 32                      | 80   | 0    | 0      | 112        | 33                       | 0    | 58   | 0      | 91         | 0                       | 59   | 31   | 1      | 91         | 294       |
| 20:15       | 0                        | 0    | 0    | 0      | 0          | 41                      | 90   | 0    | 0      | 131        | 32                       | 0    | 52   | 0      | 84         | 0                       | 55   | 36   | 0      | 91         | 306       |
| 20:30       | 0                        | 0    | 0    | 0      | 0          | 19                      | 60   | 0    | 0      | 79         | 27                       | 0    | 69   | 0      | 96         | 0                       | 40   | 29   | 0      | 69         | 244       |
| 20:45       | 0                        | 0    | 0    | 0      | 0          | 24                      | 70   | 0    | 0      | 94         | 32                       | 1    | 45   | 0      | 78         | 0                       | 45   | 28   | 0      | 73         | 245       |
| Total       | 0                        | 0    | 0    | 0      | 0          | 116                     | 300  | 0    | 0      | 416        | 124                      | 1    | 224  | 0      | 349        | 0                       | 199  | 124  | 1      | 324        | 1089      |
| 21:00       | 0                        | 0    | 0    | 0      | 0          | 21                      | 40   | 0    | 0      | 61         | 16                       | 0    | 34   | 0      | 50         | 0                       | 54   | 12   | 0      | 66         | 177       |
| 21:15       | 0                        | 0    | 0    | 0      | 0          | 12                      | 39   | 0    | 0      | 51         | 32                       | 1    | 29   | 0      | 62         | 0                       | 35   | 16   | 0      | 51         | 164       |
| 21:30       | 0                        | 0    | 0    | 0      | 0          | 14                      | 38   | 0    | 0      | 52         | 16                       | 1    | 39   | 0      | 56         | 0                       | 26   | 17   | 0      | 43         | 151       |
| 21:45       | 0                        | 0    | 0    | 0      | 0          | 17                      | 40   | 0    | 0      | 57         | 19                       | 0    | 24   | 0      | 43         | 0                       | 37   | 6    | 0      | 43         | 143       |
| Total       | 0                        | 0    | 0    | 0      | 0          | 64                      | 157  | 0    | 0      | 221        | 83                       | 2    | 126  | 0      | 211        | 0                       | 152  | 51   | 0      | 203        | 635       |
|             | 0                        | 0    | 0    | 0      | 0          | 0                       | 0    | 0    | 0      | 0          | 0                        | 0    | 0    | 0      | 0          | 0                       | 0    | 0    | 0      | 0          | 0         |
| Grand Total | 0                        | 0    | 0    | 0      | 0          | 2653                    | 7175 | 0    | 1      | 9829       | 4578                     | 22   | 4499 | 0      | 9099       | 0                       | 6487 | 2073 | 8      | 8568       | 27496     |
| Appr %      | NaN                      | NaN  | NaN  | NaN    |            | 27.0                    | 73.0 | 00.0 | 00.0   |            | 50.3                     | 00.2 | 49.4 | 00.0   |            | 00.0                    | 75.7 | 24.2 | 00.1   |            |           |
| Total %     | 00.0                     | 00.0 | 00.0 | 00.0   |            | 09.6                    | 26.1 | 00.0 | 00.0   |            | 16.6                     | 00.1 | 16.4 | 00.0   |            | 00.0                    | 23.6 | 07.5 | 00.0   |            |           |
| % Trucks    | -                        | -    | -    | -      | -          | 00.0                    | 00.0 | -    | 00.0   | 00.0       | 00.0                     | 00.0 | 00.0 | -      | 00.0       | -                       | 00.0 | 00.0 | 00.0   | 00.0       | 00.0      |

|           | 35E East Ramp Southbound |       |       |       |        |            | County Road E Westbound |       |       |       |        |            | 35E East Ramp Northbound |       |       |       |        |            | County Road E Eastbound |       |       |       |        |            |           |
|-----------|--------------------------|-------|-------|-------|--------|------------|-------------------------|-------|-------|-------|--------|------------|--------------------------|-------|-------|-------|--------|------------|-------------------------|-------|-------|-------|--------|------------|-----------|
| Time      |                          | Right | Thru  | Left  | U-Turn | Appr Total |                         | Right | Thru  | Left  | U-Turn | Appr Total |                          | Right | Thru  | Left  | U-Turn | Appr Total |                         | Right | Thru  | Left  | U-Turn | Appr Total | Int Total |
| AM Pk Hr  |                          | 12:00 | 12:00 | 12:00 | 12:00  | 12:00      |                         | 12:00 | 12:00 | 12:00 | 12:00  | 12:00      |                          | 12:00 | 12:00 | 12:00 | 12:00  | 12:00      |                         | 12:00 | 12:00 | 12:00 | 12:00  | 12:00      | 12:00     |
| AM Pk Vol |                          | 0     | 0     | 0     | 0      | 0          |                         | 178   | 597   | 0     | 0      | 775        |                          | 273   | 0     | 347   | 0      | 620        |                         | 0     | 522   | 147   | 2      | 671        | 2066      |
| AM PHF    |                          | NaN   | NaN   | NaN   | NaN    | NaN        |                         | 0.809 | 0.916 | NaN   | NaN    | 0.889      |                          | 0.886 | NaN   | 0.818 | NaN    | 0.847      |                         | NaN   | 0.853 | 0.896 | 0.500  | 0.869      | 0.965     |
|           |                          |       |       |       |        |            |                         |       |       |       |        |            |                          |       |       |       |        |            |                         |       |       |       |        |            |           |
| PM Pk Hr  |                          | 16:15 | 16:15 | 16:15 | 16:15  | 16:15      |                         | 16:15 | 16:15 | 16:15 | 16:15  | 16:15      |                          | 16:15 | 16:15 | 16:15 | 16:15  | 16:15      |                         | 16:15 | 16:15 | 16:15 | 16:15  | 16:15      | 16:15     |
| PM Pk Vol |                          | 0     | 0     | 0     | 0      | 0          |                         | 360   | 760   | 0     | 0      | 1120       |                          | 449   | 1     | 411   | 0      | 861        |                         | 0     | 534   | 231   | 3      | 768        | 2749      |
| PM PHF    |                          | NaN   | NaN   | NaN   | NaN    | NaN        |                         | 0.833 | 0.872 | NaN   | NaN    | 0.859      |                          | 0.928 | 0.250 | 0.886 | NaN    | 0.936      |                         | NaN   | 0.896 | 0.888 | 0.375  | 0.893      | 0.948     |

# Ramsey County Public Works

## Turning Movement Count

**File Name:** County Road E at 35E East Ramp 0500-2200

**Location:** County Road E at 35E East Ramp

**Site Code:**

**Study Date:** 05/24/2022

## All Vehicles

| County Road E                                                                       |                                                                                     |                                                                                    |                                                                                   |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| In = 11682                                                                          | Out = 8568                                                                          |                                                                                    |                                                                                   |
| 0                                                                                   | 6487                                                                                | 2073                                                                               | 8                                                                                 |
| Right                                                                               | Thru                                                                                | Left                                                                               | U-Turn                                                                            |
|  |  |  |  |

| 35E East Ramp                                                                     |                                                                                   |                                                                                    |                                                                                     |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| In = 4748                                                                         |                                                                                   | Out = 0                                                                            |                                                                                     |
| 0                                                                                 | 0                                                                                 | 0                                                                                  | 0                                                                                   |
| Right                                                                             | Thru                                                                              | Left                                                                               | U-Turn                                                                              |
|  |  |  |  |

**Total Volumes**  
**05:00 to 22:00**  
**Volume = 27496**

|                                                                                     |                                                                                     |                                                                                     |                                                                                     |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |  |
| U-Turn                                                                              | Left                                                                                | Thru                                                                                | Right                                                                               |
| 0                                                                                   | 4499                                                                                | 22                                                                                  | 4578                                                                                |
| In = 0                                                                              |                                                                                     | Out = 9099                                                                          |                                                                                     |
| 35E East Ramp                                                                       |                                                                                     |                                                                                     |                                                                                     |

| County Road E                                                                       |                                                                                     |                                                                                     |                                                                                     |  |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--|
| In = 11066                                                                          |                                                                                     | Out = 9829                                                                          |                                                                                     |  |
| 2653                                                                                | 7175                                                                                | 0                                                                                   | 1                                                                                   |  |
| Right                                                                               | Thru                                                                                | Left                                                                                | U-Turn                                                                              |  |
|  |  |  |  |  |

# Ramsey County Public Works

## Turning Movement Count

**File Name:** County Road E at 35E East Ramp 0500-2200  
**Location:** County Road E at 35E East Ramp

**Site Code:**  
**Study Date:** 05/24/2022

**All Vehicles**

|               |     |        |                                                                                     |
|---------------|-----|--------|-------------------------------------------------------------------------------------|
| County Road E | 2   | U-Turn |    |
|               | 147 | Left   |    |
|               | 522 | Thru   |    |
|               | 0   | Right  |  |

| 35E East Ramp                                                                     |                                                                                   |                                                                                     |                                                                                     |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| 0                                                                                 | 0                                                                                 | 0                                                                                   | 0                                                                                   |
| Right                                                                             | Thru                                                                              | Left                                                                                | U-Turn                                                                              |
|  |  |  |  |

**AM Peak Hour Statistics**  
 AM Peak Hour Begins: 12:00  
 AM Peak Hour Volume: 2066  
 AM Peak Hour Factor: 0.965

|  |  |  |  |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| U-Turn                                                                              | Left                                                                                | Thru                                                                                  | Right                                                                                 |
| 0                                                                                   | 347                                                                                 | 0                                                                                     | 273                                                                                   |
| 35E East Ramp                                                                       |                                                                                     |                                                                                       |                                                                                       |

|               |     |        |                                                                                       |
|---------------|-----|--------|---------------------------------------------------------------------------------------|
| County Road E | 178 | Right  |    |
|               | 597 | Thru   |    |
|               | 0   | Left   |    |
|               | 0   | U-Turn |  |

# Ramsey County Public Works

## Turning Movement Count

**File Name:** County Road E at 35E East Ramp 0500-2200  
**Location:** County Road E at 35E East Ramp

**Site Code:**  
**Study Date:** 05/24/2022

**All Vehicles**

|               |     |        |                                                                                     |
|---------------|-----|--------|-------------------------------------------------------------------------------------|
| County Road E | 3   | U-Turn |    |
|               | 231 | Left   |    |
|               | 534 | Thru   |    |
|               | 0   | Right  |  |

| 35E East Ramp                                                                     |                                                                                   |                                                                                     |                                                                                     |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| 0                                                                                 | 0                                                                                 | 0                                                                                   | 0                                                                                   |
| Right                                                                             | Thru                                                                              | Left                                                                                | U-Turn                                                                              |
|  |  |  |  |

**PM Peak Hour Statistics**  
 PM Peak Hour Begins: 16:15  
 PM Peak Hour Volume: 2749  
 PM Peak Hour Factor: 0.948

|  |  |  |  |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| U-Turn                                                                              | Left                                                                                | Thru                                                                                  | Right                                                                                 |
| 0                                                                                   | 411                                                                                 | 1                                                                                     | 449                                                                                   |
| 35E East Ramp                                                                       |                                                                                     |                                                                                       |                                                                                       |

| 360           | Right  |    |
|---------------|--------|---------------------------------------------------------------------------------------|
| 760           | Thru   |    |
| 0             | Left   |    |
| 0             | U-Turn |  |
| County Road E |        |                                                                                       |

# Ramsey County Public Works

## Turning Movement Count

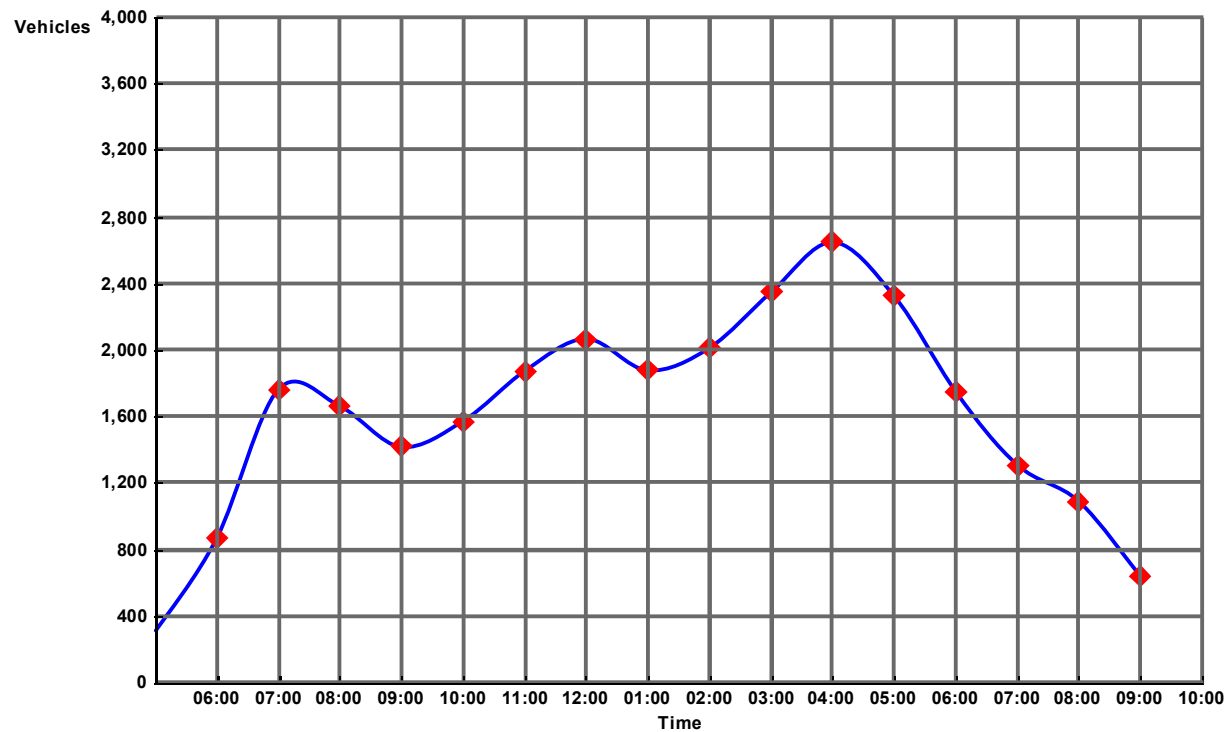
**File Name:** County Road E at 35E East Ramp 0500-2200

**Site Code:**

**Location:** County Road E at 35E East Ramp

**Cars**

**Study Date:** 05/24/2022



# Ramsey County Public Works

## Turning Movement Count

**File Name:** County Road E at 35E East Ramp 0500-2200

**Site Code:**

**Location:** County Road E at 35E East Ramp

**Trucks**

**Study Date:** 05/24/2022

