

Date : 04/25/23

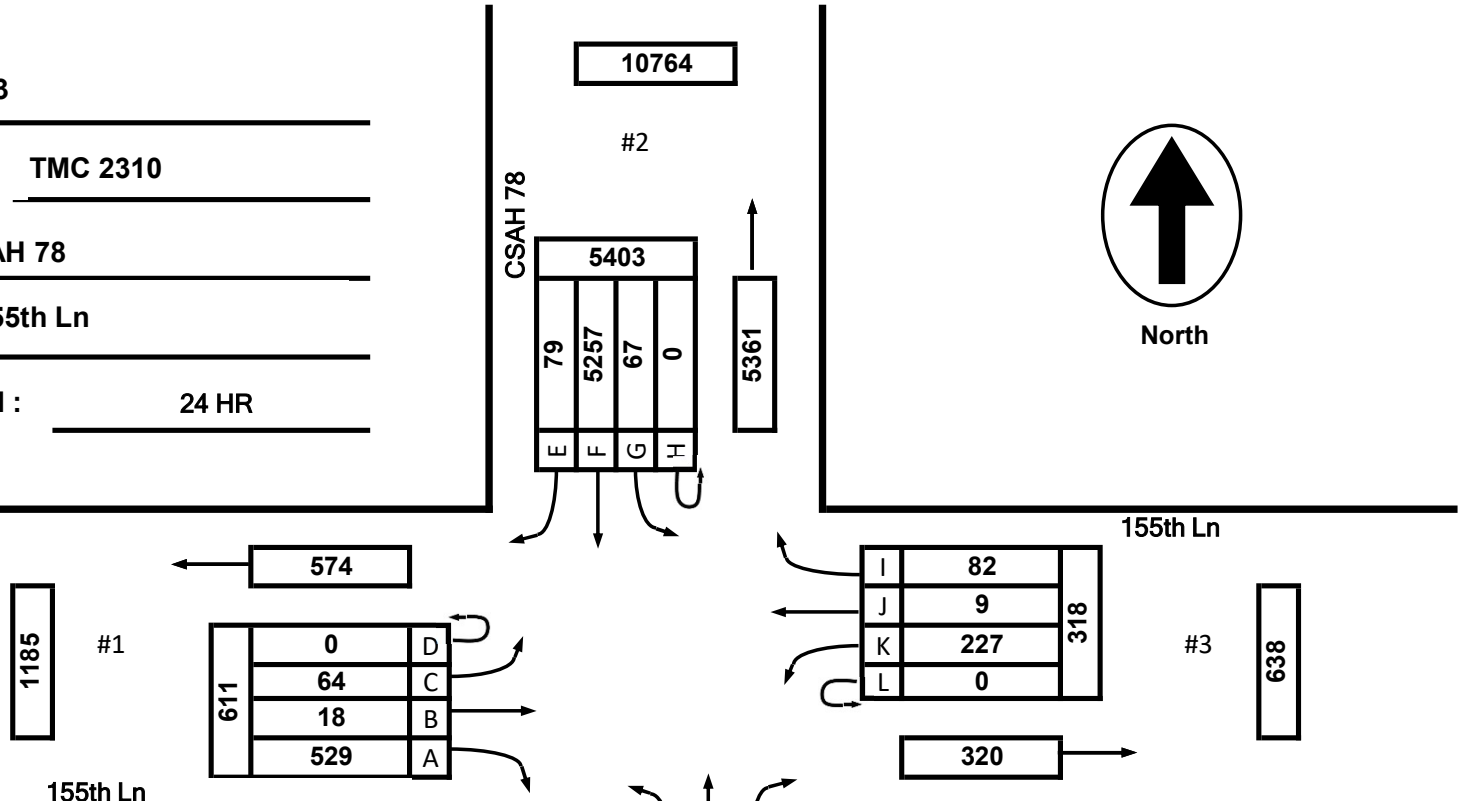
Count Number : TMC 2310

Location : CSAH 78  
@ 155th Ln

Collection Period : 24 HR



North



| EXISTING LANES OF APPROACH |                 |                |            |       |
|----------------------------|-----------------|----------------|------------|-------|
|                            | RIGHT TURN LANE | LEFT TURN LANE | THRU LANES | TOTAL |
| #1                         | 0               | 1              | 1          | 2     |
| #2                         | 0               | 0              | 1          | 1     |
| #3                         | 0               | 1              | 1          | 2     |
| #4                         | 0               | 0              | 1          | 1     |

Anoka County Highway Department

Traffic Volume and Turning Movement Study

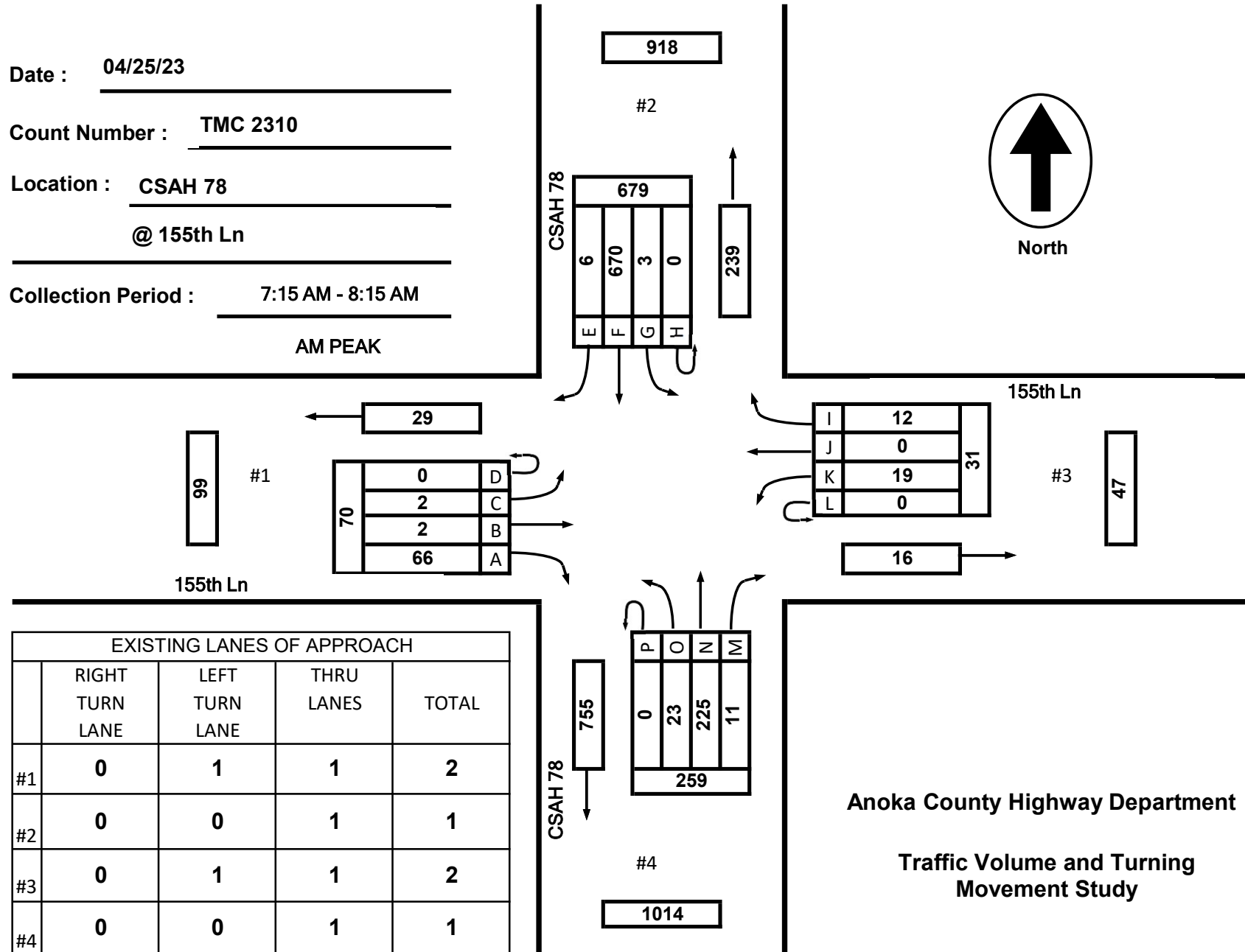
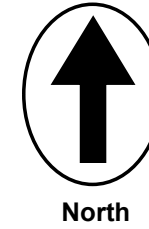
Date : 04/25/23

Count Number : TMC 2310

Location : CSAH 78  
@ 155th Ln

Collection Period : 7:15 AM - 8:15 AM

AM PEAK



| EXISTING LANES OF APPROACH |                 |                |            |       |
|----------------------------|-----------------|----------------|------------|-------|
|                            | RIGHT TURN LANE | LEFT TURN LANE | THRU LANES | TOTAL |
| #1                         | 0               | 1              | 1          | 2     |
| #2                         | 0               | 0              | 1          | 1     |
| #3                         | 0               | 1              | 1          | 2     |
| #4                         | 0               | 0              | 1          | 1     |

Anoka County Highway Department  
 Traffic Volume and Turning Movement Study

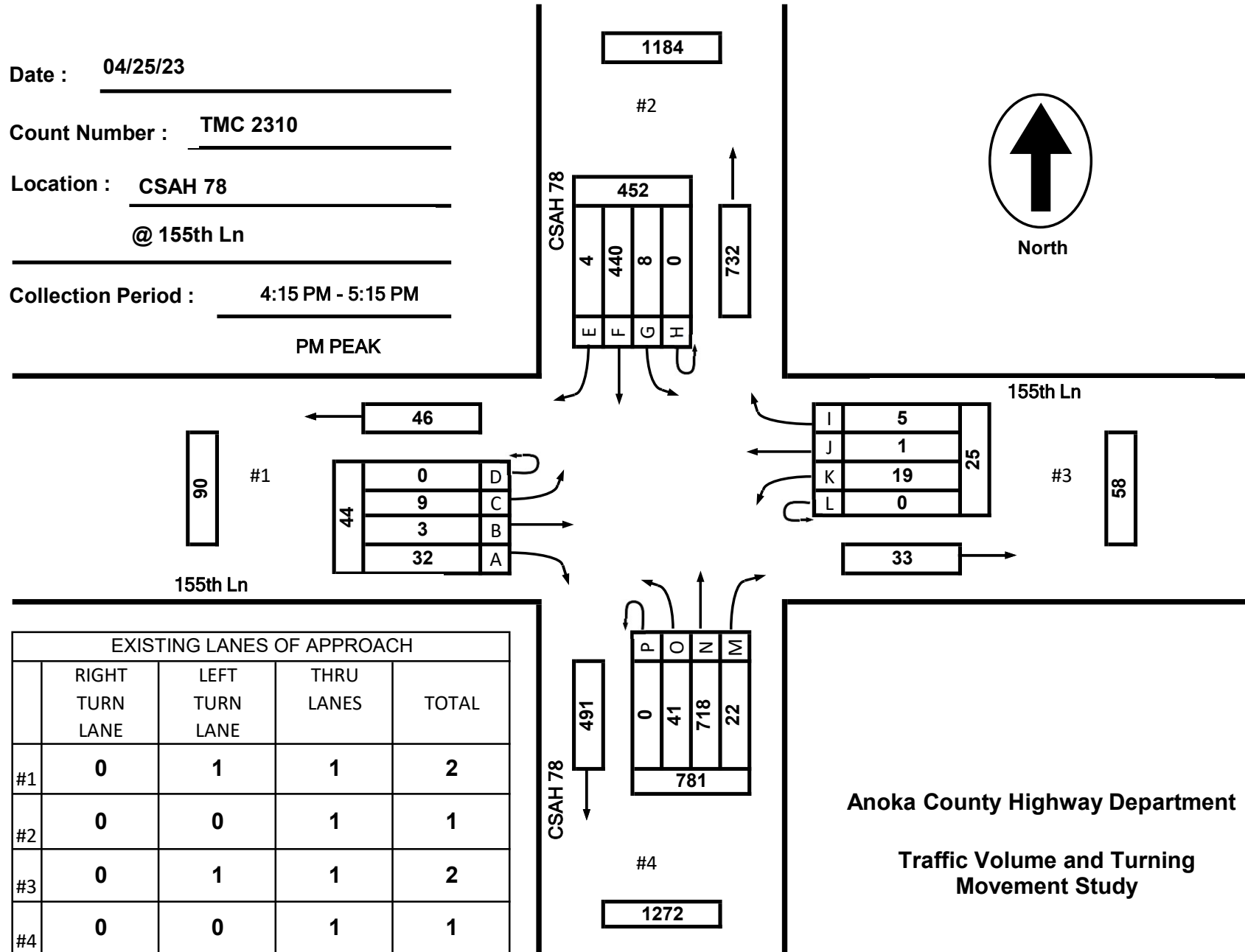
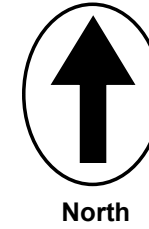
Date : 04/25/23

Count Number : TMC 2310

Location : CSAH 78  
@ 155th Ln

Collection Period : 4:15 PM - 5:15 PM

PM PEAK



| EXISTING LANES OF APPROACH |                 |                |            |       |
|----------------------------|-----------------|----------------|------------|-------|
|                            | RIGHT TURN LANE | LEFT TURN LANE | THRU LANES | TOTAL |
| #1                         | 0               | 1              | 1          | 2     |
| #2                         | 0               | 0              | 1          | 1     |
| #3                         | 0               | 1              | 1          | 2     |
| #4                         | 0               | 0              | 1          | 1     |

Anoka County Highway Department  
 Traffic Volume and Turning Movement Study

# TMC 2310 - CSAH 78 @ 155th Ln

0 0

**Tuesday, April 25, 2023**

| Time         | Southbound<br>0 |            |                     |                |                        |                              | Westbound<br>0 |            |                     |                |                        |                              | Northbound<br>0 |            |                     |                |                        |                              | Eastbound<br>0 |            |                     |                |                        |                              | VEHICLE<br>TOTAL |   |   |   |   |   |      |
|--------------|-----------------|------------|---------------------|----------------|------------------------|------------------------------|----------------|------------|---------------------|----------------|------------------------|------------------------------|-----------------|------------|---------------------|----------------|------------------------|------------------------------|----------------|------------|---------------------|----------------|------------------------|------------------------------|------------------|---|---|---|---|---|------|
|              | U Turns         | Left Turns | Straight<br>Through | Right<br>Turns | Crosswalk<br>Crossings | Vehicle<br>Approach<br>Total | U Turns        | Left Turns | Straight<br>Through | Right<br>Turns | Crosswalk<br>Crossings | Vehicle<br>Approach<br>Total | U Turns         | Left Turns | Straight<br>Through | Right<br>Turns | Crosswalk<br>Crossings | Vehicle<br>Approach<br>Total | U Turns        | Left Turns | Straight<br>Through | Right<br>Turns | Crosswalk<br>Crossings | Vehicle<br>Approach<br>Total |                  |   |   |   |   |   |      |
| 12:00 AM     | 0               | 0          | 4                   | 0              | 0                      | 4                            | 0              | 0          | 0                   | 0              | 0                      | 0                            | 0               | 0          | 9                   | 0              | 0                      | 9                            | 0              | 0          | 0                   | 0              | 0                      | 0                            | 0                | 0 | 0 | 0 | 0 | 0 | 13   |
| 12:15 AM     | 0               | 0          | 2                   | 0              | 0                      | 2                            | 0              | 0          | 0                   | 0              | 0                      | 0                            | 0               | 0          | 5                   | 3              | 0                      | 8                            | 0              | 0          | 0                   | 1              | 0                      | 1                            | 0                | 0 | 0 | 0 | 0 | 0 | 11   |
| 12:30 AM     | 0               | 0          | 0                   | 0              | 0                      | 0                            | 0              | 0          | 0                   | 0              | 0                      | 0                            | 0               | 0          | 2                   | 0              | 0                      | 2                            | 0              | 0          | 0                   | 0              | 0                      | 0                            | 0                | 0 | 0 | 0 | 0 | 0 | 2    |
| 12:45 AM     | 0               | 0          | 0                   | 0              | 0                      | 0                            | 0              | 1          | 0                   | 0              | 0                      | 1                            | 0               | 0          | 3                   | 0              | 0                      | 3                            | 0              | 0          | 0                   | 0              | 0                      | 0                            | 0                | 0 | 0 | 0 | 0 | 0 | 4    |
| Hourly Total | 0               | 0          | 6                   | 0              | 0                      | 6                            | 0              | 1          | 0                   | 0              | 0                      | 1                            | 0               | 0          | 19                  | 3              | 0                      | 22                           | 0              | 0          | 0                   | 1              | 0                      | 1                            | 0                | 0 | 0 | 0 | 0 | 0 | 30   |
| 1:00 AM      | 0               | 0          | 2                   | 0              | 0                      | 2                            | 0              | 0          | 0                   | 0              | 0                      | 0                            | 0               | 0          | 5                   | 0              | 0                      | 5                            | 0              | 0          | 0                   | 0              | 0                      | 0                            | 0                | 0 | 0 | 0 | 0 | 0 | 7    |
| 1:15 AM      | 0               | 0          | 1                   | 0              | 0                      | 1                            | 0              | 0          | 0                   | 0              | 0                      | 0                            | 0               | 0          | 4                   | 0              | 0                      | 4                            | 0              | 0          | 0                   | 0              | 0                      | 0                            | 0                | 0 | 0 | 0 | 0 | 0 | 5    |
| 1:30 AM      | 0               | 0          | 1                   | 0              | 0                      | 1                            | 0              | 0          | 0                   | 0              | 0                      | 0                            | 0               | 0          | 0                   | 0              | 0                      | 0                            | 0              | 0          | 0                   | 0              | 0                      | 0                            | 0                | 0 | 0 | 0 | 0 | 0 | 1    |
| 1:45 AM      | 0               | 0          | 1                   | 0              | 0                      | 1                            | 0              | 0          | 0                   | 0              | 0                      | 0                            | 0               | 0          | 3                   | 0              | 0                      | 3                            | 0              | 0          | 0                   | 0              | 0                      | 0                            | 0                | 0 | 0 | 0 | 0 | 0 | 4    |
| Hourly Total | 0               | 0          | 5                   | 0              | 0                      | 5                            | 0              | 0          | 0                   | 0              | 0                      | 0                            | 0               | 0          | 12                  | 0              | 0                      | 12                           | 0              | 0          | 0                   | 0              | 0                      | 0                            | 0                | 0 | 0 | 0 | 0 | 0 | 17   |
| 2:00 AM      | 0               | 0          | 0                   | 0              | 0                      | 0                            | 0              | 0          | 0                   | 0              | 0                      | 0                            | 0               | 0          | 1                   | 0              | 0                      | 1                            | 0              | 0          | 0                   | 1              | 0                      | 1                            | 0                | 0 | 0 | 0 | 0 | 0 | 2    |
| 2:15 AM      | 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                | 0 | 0 | 0 | 0 | 0 | 0    |
| 2:30 AM      | 0               | 0          | 1                   | 0              | 0                      | 1                            | 0              | 0          | 0                   | 0              | 0                      | 0                            | 0               | 0          | 1                   | 0              | 0                      | 1                            | 0              | 0          | 0                   | 0              | 0                      | 0                            | 0                | 0 | 0 | 0 | 0 | 0 | 2    |
| 2:45 AM      | 0               | 0          | 1                   | 0              | 0                      | 1                            | 0              | 0          | 0                   | 0              | 0                      | 0                            | 0               | 0          | 1                   | 0              | 0                      | 1                            | 0              | 0          | 0                   | 0              | 0                      | 0                            | 0                | 0 | 0 | 0 | 0 | 0 | 2    |
| Hourly Total | 0               | 0          | 2                   | 0              | 0                      | 2                            | 0              | 0          | 0                   | 0              | 0                      | 0                            | 0               | 0          | 3                   | 0              | 0                      | 3                            | 0              | 0          | 0                   | 1              | 0                      | 1                            | 0                | 0 | 0 | 0 | 0 | 0 | 6    |
| 3:00 AM      | 0               | 0          | 0                   | 0              | 0                      | 0                            | 0              | 0          | 0                   | 0              | 0                      | 0                            | 0               | 0          | 1                   | 0              | 0                      | 1                            | 0              | 0          | 0                   | 1              | 0                      | 1                            | 0                | 0 | 0 | 0 | 0 | 0 | 2    |
| 3:15 AM      | 0               | 0          | 5                   | 0              | 0                      | 5                            | 0              | 1          | 0                   | 0              | 0                      | 1                            | 0               | 0          | 4                   | 0              | 0                      | 4                            | 0              | 0          | 0                   | 0              | 0                      | 0                            | 0                | 0 | 0 | 0 | 0 | 0 | 10   |
| 3:30 AM      | 0               | 0          | 6                   | 0              | 0                      | 6                            | 0              | 2          | 0                   | 0              | 0                      | 2                            | 0               | 0          | 2                   | 1              | 0                      | 3                            | 0              | 0          | 0                   | 1              | 0                      | 1                            | 0                | 0 | 0 | 0 | 0 | 0 | 12   |
| 3:45 AM      | 0               | 0          | 8                   | 0              | 0                      | 8                            | 0              | 0          | 0                   | 0              | 0                      | 0                            | 0               | 0          | 1                   | 0              | 0                      | 1                            | 0              | 0          | 0                   | 0              | 0                      | 0                            | 0                | 0 | 0 | 0 | 0 | 0 | 9    |
| Hourly Total | 0               | 0          | 19                  | 0              | 0                      | 19                           | 0              | 3          | 0                   | 0              | 0                      | 3                            | 0               | 0          | 8                   | 1              | 0                      | 9                            | 0              | 0          | 0                   | 2              | 0                      | 2                            | 0                | 0 | 0 | 0 | 0 | 0 | 33   |
| 4:00 AM      | 0               | 0          | 14                  | 0              | 0                      | 14                           | 0              | 0          | 0                   | 0              | 0                      | 0                            | 0               | 0          | 1                   | 0              | 0                      | 1                            | 0              | 0          | 0                   | 1              | 0                      | 1                            | 0                | 0 | 0 | 0 | 0 | 0 | 16   |
| 4:15 AM      | 0               | 0          | 15                  | 0              | 0                      | 15                           | 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   |
| 4:30 AM      | 0               | 0          | 26                  | 1              | 0                      | 27                           | 0              | 0          | 0                   | 0              | 0                      | 0                            | 0               | 0          | 3                   | 0              | 0                      | 3                            | 0              | 0          | 0                   | 0              | 0                      | 0                            | 0                | 0 | 0 | 0 | 0 | 0 | 30   |
| 4:45 AM      | 0               | 0          | 33                  | 0              | 0                      | 33                           | 0              | 3          | 0                   | 0              | 0                      | 3                            | 0               | 0          | 4                   | 0              | 0                      | 4                            | 0              | 0          | 0                   | 1              | 0                      | 1                            | 0                | 0 | 0 | 0 | 0 | 0 | 41   |
| Hourly Total | 0               | 0          | 88                  | 1              | 0                      | 89                           | 0              | 3          | 0                   | 0              | 0                      | 3                            | 0               | 0          | 8                   | 0              | 0                      | 8                            | 0              | 0          | 0                   | 2              | 0                      | 2                            | 0                | 0 | 0 | 0 | 0 | 0 | 102  |
| 5:00 AM      | 0               | 0          | 54                  | 0              | 0                      | 54                           | 0              | 3          | 0                   | 0              | 0                      | 3                            | 0               | 0          | 6                   | 0              | 0                      | 6                            | 0              | 0          | 0                   | 0              | 0                      | 0                            | 0                | 0 | 0 | 0 | 0 | 0 | 63   |
| 5:15 AM      | 0               | 0          | 40                  | 0              | 0                      | 40                           | 0              | 0          | 0                   | 0              | 0                      | 0                            | 0               | 0          | 6                   | 0              | 0                      | 6                            | 0              | 0          | 0                   | 2              | 0                      | 2                            | 0                | 0 | 0 | 0 | 0 | 0 | 48   |
| 5:30 AM      | 0               | 0          | 67                  | 0              | 0                      | 67                           | 0              | 4          | 0                   | 0              | 0                      | 4                            | 0               | 1          | 7                   | 0              | 0                      | 8                            | 0              | 0          | 0                   | 1              | 0                      | 1                            | 0                | 0 | 0 | 0 | 0 | 0 | 80   |
| 5:45 AM      | 0               | 0          | 55                  | 0              | 0                      | 55                           | 0              | 1          | 0                   | 1              | 0                      | 2                            | 0               | 1          | 19                  | 0              | 0                      | 20                           | 0              | 0          | 0                   | 3              | 0                      | 3                            | 0                | 0 | 0 | 0 | 0 | 0 | 80   |
| Hourly Total | 0               | 0          | 216                 | 0              | 0                      | 216                          | 0              | 8          | 0                   | 1              | 0                      | 9                            | 0               | 2          | 38                  | 0              | 0                      | 40                           | 0              | 0          | 0                   | 6              | 0                      | 6                            | 0                | 0 | 0 | 0 | 0 | 0 | 271  |
| 6:00 AM      | 0               | 0          | 88                  | 0              | 1                      | 88                           | 0              | 1          | 0                   | 0              | 2                      | 1                            | 0               | 0          | 11                  | 2              | 0                      | 13                           | 0              | 0          | 0                   | 4              | 0                      | 4                            | 0                | 0 | 0 | 0 | 0 | 0 | 106  |
| 6:15 AM      | 0               | 0          | 84                  | 0              | 0                      | 84                           | 0              | 8          | 0                   | 0              | 0                      | 8                            | 0               | 2          | 20                  | 0              | 0                      | 22                           | 0              | 0          | 0                   | 6              | 0                      | 6                            | 0                | 0 | 0 | 0 | 0 | 0 | 120  |
| 6:30 AM      | 0               | 0          | 125                 | 1              | 0                      | 126                          | 0              | 7          | 0                   | 4              | 0                      | 11                           | 0               | 0          | 26                  | 1              | 0                      | 27                           | 0              | 1          | 0                   | 10             | 1                      | 11                           | 0                | 0 | 0 | 0 | 0 | 0 | 175  |
| 6:45 AM      | 0               | 0          | 121                 | 4              | 0                      | 125                          | 0              | 2          | 0                   | 4              | 0                      | 6                            | 0               | 5          | 32                  | 1              | 0                      | 38                           | 0              | 1          | 0                   | 7              | 0                      | 8                            | 0                | 0 | 0 | 0 | 0 | 0 | 177  |
| Hourly Total | 0               | 0          | 418                 | 5              | 1                      | 423                          | 0              | 18         | 0                   | 8              | 2                      | 26                           | 0               | 7          | 89                  | 4              | 0                      | 100                          | 0              | 2          | 0                   | 27             | 1                      | 29                           | 0                | 0 | 0 | 0 | 0 | 0 | 578  |
| 7:00 AM      | 0               | 0          | 168                 | 1              | 0                      | 169                          | 0              | 8          | 0                   | 1              | 0                      | 9                            | 0               | 7          | 33                  | 2              | 0                      | 42                           | 0              | 0          | 0                   | 12             | 0                      | 12                           | 0                | 0 | 0 | 0 | 0 | 0 | 232  |
| 7:15 AM      | 0               | 1          | 222                 | 0              | 0                      | 223                          | 0              | 7          | 0                   | 3              | 0                      | 10                           | 0               | 3          | 40                  | 2              | 0                      | 45                           | 0              | 1          | 1                   | 16             | 1                      | 18                           | 0                | 0 | 0 | 0 | 0 | 0 | 296  |
| 7:30 AM      | 0               | 0          | 155                 | 4              | 0                      | 159                          | 0              | 7          | 0                   | 4              | 1                      | 11                           | 0               | 2          | 49                  | 3              | 0                      | 54                           | 0              | 1          | 0                   | 14             | 1                      | 15                           | 0                | 0 | 0 | 0 | 0 | 0 | 239  |
| 7:45 AM      | 0               | 2          | 161                 | 1              | 0                      | 164                          | 0              | 0          | 0                   | 2              | 4                      | 2                            | 0               | 6          | 61                  | 3              | 0                      | 70                           | 0              | 0          | 0                   | 20             | 2                      | 20                           | 0                | 0 | 0 | 0 | 0 | 0 | 256  |
| Hourly Total | 0               | 3          | 706                 | 6              | 0                      | 715                          | 0              | 22         | 0                   | 10             | 5                      | 32                           | 0               | 18         | 183                 | 10             | 0                      | 211                          | 0              | 2          | 1                   | 62             | 4                      | 65                           | 0                | 0 | 0 | 0 | 0 | 0 | 1023 |

TMC 2310 - CSAH 78 @ 155th Ln

0 0

Tuesday, April 25, 2023

| Time         | Southbound<br>0 |            |                  |             |                     |                        | Westbound<br>0 |            |                  |             |                     |                        | Northbound<br>0 |            |                  |             |                     |                        | Eastbound<br>0 |            |                  |             |                     |                        | VEHICLE<br>TOTAL |   |   |    |   |    |     |
|--------------|-----------------|------------|------------------|-------------|---------------------|------------------------|----------------|------------|------------------|-------------|---------------------|------------------------|-----------------|------------|------------------|-------------|---------------------|------------------------|----------------|------------|------------------|-------------|---------------------|------------------------|------------------|---|---|----|---|----|-----|
|              | U Turns         | Left Turns | Straight Through | Right Turns | Crosswalk Crossings | Vehicle Approach Total | U Turns        | Left Turns | Straight Through | Right Turns | Crosswalk Crossings | Vehicle Approach Total | U Turns         | Left Turns | Straight Through | Right Turns | Crosswalk Crossings | Vehicle Approach Total | U Turns        | Left Turns | Straight Through | Right Turns | Crosswalk Crossings | Vehicle Approach Total |                  |   |   |    |   |    |     |
| 8:00 AM      | 0               | 0          | 132              | 1           | 0                   | 133                    | 0              | 5          | 0                | 3           | 0                   | 8                      | 0               | 12         | 75               | 3           | 0                   | 90                     | 0              | 0          | 1                | 16          | 0                   | 17                     | 0                | 0 | 0 | 6  | 0 | 6  | 248 |
| 8:15 AM      | 0               | 0          | 87               | 1           | 0                   | 88                     | 0              | 3          | 0                | 4           | 0                   | 7                      | 0               | 5          | 72               | 3           | 0                   | 80                     | 0              | 0          | 0                | 6           | 0                   | 6                      | 0                | 0 | 0 | 8  | 0 | 8  | 181 |
| 8:30 AM      | 0               | 0          | 94               | 1           | 0                   | 95                     | 0              | 6          | 0                | 0           | 1                   | 6                      | 0               | 5          | 42               | 0           | 0                   | 47                     | 0              | 0          | 0                | 8           | 0                   | 8                      | 0                | 0 | 0 | 8  | 0 | 8  | 156 |
| 8:45 AM      | 0               | 0          | 77               | 0           | 0                   | 77                     | 0              | 2          | 0                | 2           | 0                   | 4                      | 0               | 4          | 45               | 3           | 0                   | 52                     | 0              | 0          | 1                | 7           | 0                   | 8                      | 0                | 0 | 0 | 8  | 0 | 8  | 141 |
| Hourly Total | 0               | 0          | 390              | 3           | 0                   | 393                    | 0              | 16         | 0                | 9           | 1                   | 25                     | 0               | 26         | 234              | 9           | 0                   | 269                    | 0              | 0          | 2                | 37          | 0                   | 39                     | 0                | 0 | 0 | 39 | 0 | 39 | 726 |
| 9:00 AM      | 0               | 1          | 106              | 0           | 0                   | 107                    | 0              | 3          | 0                | 2           | 0                   | 5                      | 0               | 4          | 46               | 0           | 0                   | 50                     | 0              | 0          | 0                | 4           | 1                   | 4                      | 0                | 0 | 0 | 4  | 1 | 4  | 166 |
| 9:15 AM      | 0               | 3          | 111              | 2           | 0                   | 116                    | 0              | 2          | 0                | 2           | 0                   | 4                      | 0               | 4          | 56               | 2           | 0                   | 62                     | 0              | 0          | 0                | 7           | 0                   | 7                      | 0                | 0 | 0 | 7  | 0 | 7  | 189 |
| 9:30 AM      | 0               | 2          | 65               | 1           | 0                   | 68                     | 0              | 4          | 1                | 0           | 1                   | 5                      | 0               | 1          | 48               | 1           | 0                   | 50                     | 0              | 2          | 0                | 5           | 4                   | 7                      | 0                | 0 | 0 | 5  | 4 | 7  | 130 |
| 9:45 AM      | 0               | 1          | 65               | 2           | 0                   | 68                     | 0              | 3          | 0                | 1           | 0                   | 4                      | 0               | 2          | 44               | 0           | 0                   | 46                     | 0              | 0          | 0                | 4           | 0                   | 4                      | 0                | 0 | 0 | 4  | 0 | 4  | 122 |
| Hourly Total | 0               | 7          | 347              | 5           | 0                   | 359                    | 0              | 12         | 1                | 5           | 1                   | 18                     | 0               | 11         | 194              | 3           | 0                   | 208                    | 0              | 2          | 0                | 20          | 5                   | 22                     | 0                | 0 | 0 | 22 | 5 | 22 | 607 |
| 10:00 AM     | 0               | 1          | 58               | 1           | 0                   | 60                     | 0              | 4          | 0                | 1           | 0                   | 5                      | 0               | 7          | 46               | 1           | 0                   | 54                     | 0              | 1          | 0                | 11          | 0                   | 12                     | 0                | 0 | 0 | 11 | 0 | 12 | 131 |
| 10:15 AM     | 0               | 0          | 75               | 0           | 0                   | 75                     | 0              | 1          | 0                | 2           | 0                   | 3                      | 0               | 6          | 42               | 2           | 0                   | 50                     | 0              | 1          | 0                | 8           | 0                   | 9                      | 0                | 0 | 0 | 8  | 0 | 9  | 137 |
| 10:30 AM     | 0               | 0          | 54               | 0           | 0                   | 54                     | 0              | 1          | 0                | 1           | 0                   | 2                      | 0               | 3          | 46               | 4           | 0                   | 53                     | 0              | 1          | 0                | 5           | 3                   | 6                      | 0                | 0 | 0 | 5  | 3 | 6  | 115 |
| 10:45 AM     | 0               | 2          | 47               | 3           | 0                   | 52                     | 0              | 6          | 1                | 0           | 0                   | 7                      | 0               | 6          | 51               | 3           | 0                   | 60                     | 0              | 0          | 1                | 5           | 3                   | 6                      | 0                | 0 | 0 | 5  | 3 | 6  | 125 |
| Hourly Total | 0               | 3          | 234              | 4           | 0                   | 241                    | 0              | 12         | 1                | 4           | 0                   | 17                     | 0               | 22         | 185              | 10          | 0                   | 217                    | 0              | 3          | 1                | 29          | 6                   | 33                     | 0                | 0 | 0 | 33 | 6 | 33 | 508 |
| 11:00 AM     | 0               | 0          | 43               | 2           | 0                   | 45                     | 0              | 2          | 0                | 0           | 0                   | 2                      | 0               | 6          | 50               | 1           | 0                   | 57                     | 0              | 4          | 1                | 9           | 0                   | 14                     | 0                | 0 | 0 | 9  | 0 | 14 | 118 |
| 11:15 AM     | 0               | 0          | 35               | 1           | 0                   | 36                     | 0              | 2          | 0                | 1           | 2                   | 3                      | 0               | 10         | 40               | 1           | 0                   | 51                     | 0              | 1          | 0                | 14          | 0                   | 15                     | 0                | 0 | 0 | 14 | 0 | 15 | 105 |
| 11:30 AM     | 0               | 1          | 49               | 1           | 0                   | 51                     | 0              | 3          | 0                | 0           | 2                   | 3                      | 0               | 11         | 61               | 3           | 0                   | 75                     | 0              | 3          | 2                | 14          | 0                   | 19                     | 0                | 0 | 0 | 14 | 0 | 19 | 148 |
| 11:45 AM     | 0               | 0          | 54               | 7           | 0                   | 61                     | 0              | 2          | 0                | 0           | 0                   | 2                      | 0               | 6          | 63               | 1           | 0                   | 70                     | 0              | 1          | 1                | 8           | 0                   | 10                     | 0                | 0 | 0 | 8  | 0 | 10 | 143 |
| Hourly Total | 0               | 1          | 181              | 11          | 0                   | 193                    | 0              | 9          | 0                | 1           | 4                   | 10                     | 0               | 33         | 214              | 6           | 0                   | 253                    | 0              | 9          | 4                | 45          | 0                   | 58                     | 0                | 0 | 0 | 58 | 0 | 58 | 514 |
| 12:00 PM     | 0               | 0          | 64               | 2           | 0                   | 66                     | 0              | 1          | 0                | 4           | 2                   | 5                      | 0               | 7          | 45               | 1           | 0                   | 53                     | 0              | 1          | 1                | 6           | 0                   | 8                      | 0                | 0 | 0 | 6  | 0 | 8  | 132 |
| 12:15 PM     | 0               | 3          | 62               | 2           | 0                   | 67                     | 0              | 3          | 0                | 0           | 1                   | 3                      | 0               | 7          | 62               | 3           | 0                   | 72                     | 0              | 1          | 0                | 7           | 1                   | 8                      | 0                | 0 | 0 | 7  | 1 | 8  | 150 |
| 12:30 PM     | 0               | 2          | 32               | 3           | 0                   | 37                     | 0              | 4          | 0                | 1           | 0                   | 5                      | 1               | 6          | 63               | 3           | 0                   | 73                     | 0              | 0          | 0                | 16          | 1                   | 16                     | 0                | 0 | 0 | 16 | 1 | 16 | 131 |
| 12:45 PM     | 0               | 0          | 49               | 0           | 0                   | 49                     | 0              | 1          | 0                | 1           | 0                   | 2                      | 0               | 7          | 44               | 1           | 0                   | 52                     | 0              | 0          | 0                | 6           | 1                   | 6                      | 0                | 0 | 0 | 6  | 1 | 6  | 109 |
| Hourly Total | 0               | 5          | 207              | 7           | 0                   | 219                    | 0              | 9          | 0                | 6           | 3                   | 15                     | 1               | 27         | 214              | 8           | 0                   | 250                    | 0              | 2          | 1                | 35          | 3                   | 38                     | 0                | 0 | 0 | 38 | 3 | 38 | 522 |
| 1:00 PM      | 0               | 1          | 42               | 0           | 0                   | 43                     | 0              | 3          | 0                | 0           | 0                   | 3                      | 0               | 13         | 60               | 4           | 0                   | 77                     | 0              | 3          | 2                | 9           | 1                   | 14                     | 0                | 0 | 0 | 14 | 1 | 14 | 137 |
| 1:15 PM      | 0               | 0          | 62               | 1           | 0                   | 63                     | 0              | 3          | 0                | 0           | 2                   | 3                      | 0               | 11         | 63               | 3           | 0                   | 77                     | 0              | 0          | 0                | 11          | 0                   | 11                     | 0                | 0 | 0 | 11 | 0 | 11 | 154 |
| 1:30 PM      | 0               | 0          | 69               | 1           | 0                   | 70                     | 0              | 4          | 1                | 0           | 0                   | 5                      | 0               | 8          | 62               | 2           | 0                   | 72                     | 0              | 0          | 0                | 8           | 0                   | 8                      | 0                | 0 | 0 | 8  | 0 | 8  | 155 |
| 1:45 PM      | 0               | 1          | 53               | 0           | 0                   | 54                     | 0              | 2          | 0                | 0           | 1                   | 2                      | 0               | 7          | 53               | 3           | 0                   | 63                     | 0              | 2          | 0                | 7           | 0                   | 9                      | 0                | 0 | 0 | 7  | 0 | 9  | 128 |
| Hourly Total | 0               | 2          | 226              | 2           | 0                   | 230                    | 0              | 12         | 1                | 0           | 3                   | 13                     | 0               | 39         | 238              | 12          | 0                   | 289                    | 0              | 5          | 2                | 35          | 1                   | 42                     | 0                | 0 | 0 | 42 | 1 | 42 | 574 |
| 2:00 PM      | 0               | 1          | 65               | 0           | 0                   | 66                     | 0              | 6          | 0                | 1           | 0                   | 7                      | 0               | 9          | 84               | 2           | 0                   | 95                     | 0              | 1          | 0                | 6           | 0                   | 7                      | 0                | 0 | 0 | 6  | 0 | 7  | 175 |
| 2:15 PM      | 0               | 1          | 72               | 2           | 0                   | 75                     | 0              | 1          | 0                | 0           | 1                   | 1                      | 1               | 11         | 82               | 3           | 0                   | 97                     | 0              | 1          | 1                | 12          | 0                   | 14                     | 0                | 0 | 0 | 12 | 0 | 14 | 187 |
| 2:30 PM      | 0               | 0          | 63               | 4           | 0                   | 67                     | 0              | 3          | 0                | 3           | 0                   | 6                      | 0               | 10         | 120              | 8           | 0                   | 138                    | 0              | 1          | 0                | 10          | 0                   | 11                     | 0                | 0 | 0 | 10 | 0 | 11 | 222 |
| 2:45 PM      | 0               | 1          | 99               | 4           | 0                   | 104                    | 0              | 4          | 0                | 2           | 0                   | 6                      | 1               | 16         | 115              | 5           | 0                   | 137                    | 0              | 0          | 0                | 21          | 1                   | 21                     | 0                | 0 | 0 | 21 | 1 | 21 | 268 |
| Hourly Total | 0               | 3          | 299              | 10          | 0                   | 312                    | 0              | 14         | 0                | 6           | 1                   | 20                     | 2               | 46         | 401              | 18          | 0                   | 467                    | 0              | 3          | 1                | 49          | 1                   | 53                     | 0                | 0 | 0 | 53 | 1 | 53 | 852 |
| 3:00 PM      | 0               | 2          | 78               | 1           | 0                   | 81                     | 0              | 4          | 0                | 4           | 2                   | 8                      | 1               | 17         | 143              | 7           | 0                   | 168                    | 0              | 1          | 0                | 14          | 1                   | 15                     | 0                | 0 | 0 | 14 | 1 | 15 | 272 |
| 3:15 PM      | 0               | 1          | 66               | 2           | 0                   | 69                     | 0              | 3          | 0                | 4           | 1                   | 7                      | 0               | 10         | 142              | 3           | 0                   | 155                    | 0              | 1          | 0                | 13          | 0                   | 14                     | 0                | 0 | 0 | 13 | 0 | 14 | 245 |
| 3:30 PM      | 0               | 0          | 67               | 0           | 0                   | 67                     | 0              | 2          | 0                | 1           | 2                   | 3                      | 0               | 9          | 146              | 6           | 0                   | 161                    | 0              | 2          | 0                | 4           | 3                   | 6                      | 0                | 0 | 0 | 4  | 3 | 6  | 237 |
| 3:45 PM      | 0               | 0          | 75               | 3           | 0                   | 78                     | 0              | 4          | 0                | 2           | 1                   | 6                      | 0               | 12         | 119              | 7           | 0                   | 138                    | 0              | 1          | 0                | 10          | 0                   | 11                     | 0                | 0 | 0 | 10 | 0 | 11 | 233 |
| Hourly Total | 0               | 3          | 286              | 6           | 0                   | 295                    | 0              | 13         | 0                | 11          | 6                   | 24                     | 1               | 48         | 550              | 23          | 0                   | 622                    | 0              | 5          | 0                | 41          | 4                   | 46                     | 0                | 0 | 0 | 46 | 4 | 46 | 987 |

TMC 2310 - CSAH 78 @ 155th Ln

0 0

Tuesday, April 25, 2023

| Time            | Southbound |            |                  |             |                     |                        | Westbound |            |                  |             |                     |                        | Northbound |            |                  |             |                     |                        | Eastbound |            |                  |             |                     |                        | VEHICLE TOTAL |
|-----------------|------------|------------|------------------|-------------|---------------------|------------------------|-----------|------------|------------------|-------------|---------------------|------------------------|------------|------------|------------------|-------------|---------------------|------------------------|-----------|------------|------------------|-------------|---------------------|------------------------|---------------|
|                 | U Turns    | Left Turns | Straight Through | Right Turns | Crosswalk Crossings | Vehicle Approach Total | U Turns   | Left Turns | Straight Through | Right Turns | Crosswalk Crossings | Vehicle Approach Total | U Turns    | Left Turns | Straight Through | Right Turns | Crosswalk Crossings | Vehicle Approach Total | U Turns   | Left Turns | Straight Through | Right Turns | Crosswalk Crossings | Vehicle Approach Total |               |
| 4:00 PM         | 0          | 6          | 101              | 1           | 0                   | 108                    | 0         | 2          | 1                | 0           | 2                   | 3                      | 0          | 13         | 160              | 7           | 0                   | 180                    | 0         | 4          | 0                | 10          | 0                   | 14                     | 305           |
| 4:15 PM         | 0          | 0          | 107              | 0           | 4                   | 107                    | 0         | 5          | 0                | 1           | 2                   | 6                      | 0          | 12         | 180              | 11          | 0                   | 203                    | 0         | 0          | 0                | 5           | 4                   | 5                      | 321           |
| 4:30 PM         | 0          | 4          | 104              | 1           | 4                   | 109                    | 0         | 4          | 0                | 2           | 1                   | 6                      | 0          | 11         | 170              | 5           | 0                   | 186                    | 0         | 4          | 1                | 10          | 3                   | 15                     | 316           |
| 4:45 PM         | 0          | 1          | 130              | 1           | 0                   | 132                    | 0         | 5          | 0                | 2           | 0                   | 7                      | 0          | 9          | 164              | 3           | 0                   | 176                    | 0         | 3          | 1                | 7           | 0                   | 11                     | 326           |
| Hourly Total    | 0          | 11         | 442              | 3           | 8                   | 456                    | 0         | 16         | 1                | 5           | 5                   | 22                     | 0          | 45         | 674              | 26          | 0                   | 745                    | 0         | 11         | 2                | 32          | 7                   | 45                     | 1268          |
| 5:00 PM         | 0          | 3          | 99               | 2           | 0                   | 104                    | 0         | 5          | 1                | 0           | 1                   | 6                      | 0          | 9          | 204              | 3           | 0                   | 216                    | 0         | 2          | 1                | 10          | 2                   | 13                     | 339           |
| 5:15 PM         | 0          | 2          | 105              | 2           | 0                   | 109                    | 0         | 5          | 1                | 3           | 0                   | 9                      | 0          | 13         | 146              | 5           | 1                   | 164                    | 0         | 2          | 0                | 13          | 2                   | 15                     | 297           |
| 5:30 PM         | 0          | 5          | 98               | 1           | 1                   | 104                    | 0         | 3          | 0                | 1           | 1                   | 4                      | 1          | 9          | 142              | 6           | 0                   | 158                    | 0         | 2          | 0                | 5           | 0                   | 7                      | 273           |
| 5:45 PM         | 0          | 0          | 109              | 1           | 0                   | 110                    | 0         | 2          | 0                | 0           | 2                   | 2                      | 0          | 11         | 113              | 10          | 0                   | 134                    | 0         | 2          | 0                | 10          | 0                   | 12                     | 258           |
| Hourly Total    | 0          | 10         | 411              | 6           | 1                   | 427                    | 0         | 15         | 2                | 4           | 4                   | 21                     | 1          | 42         | 605              | 24          | 1                   | 672                    | 0         | 8          | 1                | 38          | 4                   | 47                     | 1167          |
| 6:00 PM         | 0          | 1          | 75               | 0           | 0                   | 76                     | 0         | 2          | 1                | 1           | 0                   | 4                      | 1          | 4          | 116              | 5           | 0                   | 126                    | 0         | 1          | 0                | 1           | 3                   | 2                      | 208           |
| 6:15 PM         | 0          | 0          | 68               | 0           | 0                   | 68                     | 0         | 1          | 0                | 0           | 0                   | 1                      | 1          | 13         | 110              | 3           | 0                   | 127                    | 0         | 0          | 0                | 6           | 0                   | 6                      | 202           |
| 6:30 PM         | 0          | 0          | 78               | 1           | 0                   | 79                     | 0         | 2          | 0                | 0           | 0                   | 2                      | 0          | 8          | 107              | 3           | 0                   | 118                    | 0         | 1          | 0                | 5           | 0                   | 6                      | 205           |
| 6:45 PM         | 0          | 2          | 89               | 2           | 0                   | 93                     | 0         | 6          | 0                | 3           | 0                   | 9                      | 3          | 9          | 83               | 4           | 0                   | 99                     | 0         | 0          | 0                | 9           | 2                   | 9                      | 210           |
| Hourly Total    | 0          | 3          | 310              | 3           | 0                   | 316                    | 0         | 11         | 1                | 4           | 0                   | 16                     | 5          | 34         | 416              | 15          | 0                   | 470                    | 0         | 2          | 0                | 21          | 5                   | 23                     | 825           |
| 7:00 PM         | 0          | 1          | 66               | 2           | 2                   | 69                     | 0         | 5          | 0                | 0           | 5                   | 5                      | 0          | 10         | 102              | 5           | 0                   | 117                    | 0         | 1          | 0                | 8           | 2                   | 9                      | 200           |
| 7:15 PM         | 0          | 3          | 51               | 0           | 0                   | 54                     | 0         | 2          | 0                | 0           | 1                   | 2                      | 0          | 12         | 74               | 3           | 1                   | 89                     | 0         | 0          | 0                | 11          | 0                   | 11                     | 156           |
| 7:30 PM         | 0          | 1          | 53               | 0           | 0                   | 54                     | 0         | 6          | 0                | 0           | 1                   | 6                      | 0          | 1          | 100              | 5           | 0                   | 106                    | 0         | 0          | 0                | 4           | 3                   | 4                      | 170           |
| 7:45 PM         | 0          | 2          | 46               | 1           | 0                   | 49                     | 0         | 3          | 0                | 4           | 4                   | 7                      | 0          | 4          | 78               | 8           | 0                   | 90                     | 0         | 1          | 1                | 4           | 0                   | 6                      | 152           |
| Hourly Total    | 0          | 7          | 216              | 3           | 2                   | 226                    | 0         | 16         | 0                | 4           | 11                  | 20                     | 0          | 27         | 354              | 21          | 1                   | 402                    | 0         | 2          | 1                | 27          | 5                   | 30                     | 678           |
| 8:00 PM         | 0          | 2          | 25               | 1           | 0                   | 28                     | 0         | 0          | 0                | 0           | 0                   | 0                      | 0          | 9          | 84               | 4           | 0                   | 97                     | 0         | 0          | 0                | 5           | 0                   | 5                      | 130           |
| 8:15 PM         | 0          | 2          | 46               | 0           | 0                   | 48                     | 0         | 4          | 0                | 0           | 0                   | 4                      | 0          | 11         | 80               | 6           | 0                   | 97                     | 0         | 1          | 0                | 3           | 0                   | 4                      | 153           |
| 8:30 PM         | 0          | 0          | 33               | 0           | 0                   | 33                     | 0         | 2          | 1                | 1           | 0                   | 4                      | 0          | 5          | 74               | 5           | 0                   | 84                     | 0         | 1          | 1                | 1           | 0                   | 3                      | 124           |
| 8:45 PM         | 0          | 0          | 28               | 1           | 0                   | 29                     | 0         | 1          | 0                | 0           | 0                   | 1                      | 0          | 5          | 64               | 8           | 0                   | 77                     | 0         | 2          | 0                | 2           | 0                   | 4                      | 111           |
| Hourly Total    | 0          | 4          | 132              | 2           | 0                   | 138                    | 0         | 7          | 1                | 1           | 0                   | 9                      | 0          | 30         | 302              | 23          | 0                   | 355                    | 0         | 4          | 1                | 11          | 0                   | 16                     | 518           |
| 9:00 PM         | 0          | 0          | 19               | 0           | 0                   | 19                     | 0         | 2          | 0                | 1           | 0                   | 3                      | 0          | 8          | 35               | 4           | 0                   | 47                     | 0         | 1          | 0                | 3           | 0                   | 4                      | 73            |
| 9:15 PM         | 0          | 1          | 17               | 0           | 0                   | 18                     | 0         | 1          | 0                | 1           | 0                   | 2                      | 0          | 1          | 48               | 1           | 0                   | 50                     | 0         | 1          | 0                | 2           | 0                   | 3                      | 73            |
| 9:30 PM         | 0          | 1          | 16               | 0           | 0                   | 17                     | 0         | 1          | 0                | 0           | 0                   | 1                      | 0          | 7          | 51               | 3           | 0                   | 61                     | 0         | 0          | 0                | 1           | 0                   | 1                      | 80            |
| 9:45 PM         | 0          | 2          | 15               | 1           | 0                   | 18                     | 0         | 0          | 0                | 0           | 0                   | 0                      | 0          | 3          | 32               | 3           | 0                   | 38                     | 0         | 0          | 0                | 0           | 0                   | 0                      | 56            |
| Hourly Total    | 0          | 4          | 67               | 1           | 0                   | 72                     | 0         | 4          | 0                | 2           | 0                   | 6                      | 0          | 19         | 166              | 11          | 0                   | 196                    | 0         | 2          | 0                | 6           | 0                   | 8                      | 282           |
| 10:00 PM        | 0          | 0          | 16               | 0           | 0                   | 16                     | 0         | 1          | 1                | 1           | 0                   | 3                      | 0          | 1          | 28               | 2           | 0                   | 31                     | 0         | 0          | 0                | 0           | 0                   | 0                      | 50            |
| 10:15 PM        | 0          | 0          | 5                | 0           | 0                   | 5                      | 0         | 1          | 0                | 0           | 0                   | 1                      | 0          | 0          | 28               | 1           | 0                   | 29                     | 0         | 0          | 1                | 0           | 0                   | 1                      | 36            |
| 10:30 PM        | 0          | 0          | 7                | 0           | 0                   | 7                      | 0         | 2          | 0                | 0           | 0                   | 2                      | 0          | 1          | 12               | 0           | 0                   | 13                     | 0         | 0          | 0                | 0           | 0                   | 0                      | 22            |
| 10:45 PM        | 0          | 0          | 5                | 1           | 0                   | 6                      | 0         | 1          | 0                | 0           | 0                   | 1                      | 0          | 3          | 11               | 2           | 0                   | 16                     | 0         | 1          | 0                | 0           | 0                   | 1                      | 24            |
| Hourly Total    | 0          | 0          | 33               | 1           | 0                   | 34                     | 0         | 5          | 1                | 1           | 0                   | 7                      | 0          | 5          | 79               | 5           | 0                   | 89                     | 0         | 1          | 1                | 0           | 0                   | 2                      | 132           |
| 11:00 PM        | 0          | 1          | 5                | 0           | 0                   | 6                      | 0         | 0          | 0                | 0           | 0                   | 0                      | 0          | 0          | 3                | 2           | 0                   | 5                      | 0         | 1          | 0                | 2           | 0                   | 3                      | 14            |
| 11:15 PM        | 0          | 0          | 2                | 0           | 0                   | 2                      | 0         | 1          | 0                | 0           | 0                   | 1                      | 0          | 3          | 4                | 0           | 0                   | 7                      | 0         | 0          | 0                | 0           | 0                   | 0                      | 10            |
| 11:30 PM        | 0          | 0          | 5                | 0           | 0                   | 5                      | 0         | 0          | 0                | 0           | 0                   | 0                      | 0          | 1          | 13               | 0           | 0                   | 14                     | 0         | 0          | 0                | 0           | 0                   | 0                      | 19            |
| 11:45 PM        | 0          | 0          | 4                | 0           | 0                   | 4                      | 0         | 0          | 0                | 0           | 0                   | 0                      | 0          | 1          | 9                | 1           | 0                   | 11                     | 0         | 0          | 0                | 0           | 0                   | 0                      | 15            |
| Hourly Total    | 0          | 1          | 16               | 0           | 0                   | 17                     | 0         | 1          | 0                | 0           | 0                   | 1                      | 0          | 5          | 29               | 3           | 0                   | 37                     | 0         | 1          | 0                | 2           | 0                   | 3                      | 58            |
| DAILY TOTAL     | 0          | 67         | 5257             | 79          | 12                  | 5403                   | 0         | 227        | 9                | 82          | 46                  | 318                    | 10         | 486        | 5215             | 235         | 2                   | 5946                   | 0         | 64         | 18               | 529         | 46                  | 611                    | 12278         |
| Cars            | 0          | 65         | 5143             | 76          | 8                   | 5284                   | 0         | 218        | 8                | 71          | 33                  | 297                    | 10         | 475        | 5119             | 232         | 0                   | 5836                   | 0         | 63         | 18               | 503         | 41                  | 584                    | 12001         |
| Heavy Vehicles  | 0          | 2          | 114              | 3           | 4                   | 119                    | 0         | 9          | 1                | 11          | 13                  | 21                     | 0          | 11         | 96               | 3           | 2                   | 110                    | 0         | 1          | 0                | 26          | 5                   | 27                     | 277           |
| Heavy Vehicle % | 0.00%      | 2.99%      | 2.17%            | 3.80%       | 33.33%              | 2.20%                  | 0.00%     | 3.96%      | 11.11%           | 13.41%      | 28.26%              | 6.60%                  | 0.00%      | 2.26%      | 1.84%            | 1.28%       | 100.00%             | 1.85%                  | 0.00%     | 1.56%      | 0.00%            | 4.91%       | 10.87%              | 4.42%                  | 2.26%         |

# TMC 2310 - CSAH 78 @ 155th Ln

0 0

Tuesday, April 25, 2023

AM Peak Hour

| Time            | Southbound |            |                  |             |                     |                        | Westbound |            |                  |             |                     |                        | Northbound |            |                  |             |                     |                        | Eastbound |            |                  |             |                     |                        | VEHICLE TOTAL |
|-----------------|------------|------------|------------------|-------------|---------------------|------------------------|-----------|------------|------------------|-------------|---------------------|------------------------|------------|------------|------------------|-------------|---------------------|------------------------|-----------|------------|------------------|-------------|---------------------|------------------------|---------------|
|                 | U Turns    | Left Turns | Straight Through | Right Turns | Crosswalk Crossings | Vehicle Approach Total | U Turns   | Left Turns | Straight Through | Right Turns | Crosswalk Crossings | Vehicle Approach Total | U Turns    | Left Turns | Straight Through | Right Turns | Crosswalk Crossings | Vehicle Approach Total | U Turns   | Left Turns | Straight Through | Right Turns | Crosswalk Crossings | Vehicle Approach Total |               |
| 7:15 AM         | 0          | 1          | 222              | 0           | 0                   | 223                    | 0         | 7          | 0                | 3           | 0                   | 10                     | 0          | 3          | 40               | 2           | 0                   | 45                     | 0         | 1          | 1                | 16          | 1                   | 18                     | 296           |
| 7:30 AM         | 0          | 0          | 155              | 4           | 0                   | 159                    | 0         | 7          | 0                | 4           | 1                   | 11                     | 0          | 2          | 49               | 3           | 0                   | 54                     | 0         | 1          | 0                | 14          | 1                   | 15                     | 239           |
| 7:45 AM         | 0          | 2          | 161              | 1           | 0                   | 164                    | 0         | 0          | 0                | 2           | 4                   | 2                      | 0          | 6          | 61               | 3           | 0                   | 70                     | 0         | 0          | 0                | 20          | 2                   | 20                     | 256           |
| 8:00 AM         | 0          | 0          | 132              | 1           | 0                   | 133                    | 0         | 5          | 0                | 3           | 0                   | 8                      | 0          | 12         | 75               | 3           | 0                   | 90                     | 0         | 0          | 1                | 16          | 0                   | 17                     | 248           |
| Peak Hour Total | 0          | 3          | 670              | 6           | 0                   | 679                    | 0         | 19         | 0                | 12          | 5                   | 31                     | 0          | 23         | 225              | 11          | 0                   | 259                    | 0         | 2          | 2                | 66          | 4                   | 70                     | 1039          |
| PHF             | 0.000      | 0.375      | 0.755            | 0.375       | 0.000               | 0.761                  | 0.000     | 0.679      | 0.000            | 0.750       | 0.313               | 0.705                  | 0.000      | 0.479      | 0.750            | 0.917       | 0.000               | 0.719                  | 0.000     | 0.500      | 0.500            | 0.825       | 0.500               | 0.875                  | 0.878         |

PM Peak Hour

| Time            | Southbound |            |                  |             |                     |                        | Westbound |            |                  |             |                     |                        | Northbound |            |                  |             |                     |                        | Eastbound |            |                  |             |                     |                        | VEHICLE TOTAL |
|-----------------|------------|------------|------------------|-------------|---------------------|------------------------|-----------|------------|------------------|-------------|---------------------|------------------------|------------|------------|------------------|-------------|---------------------|------------------------|-----------|------------|------------------|-------------|---------------------|------------------------|---------------|
|                 | U Turns    | Left Turns | Straight Through | Right Turns | Crosswalk Crossings | Vehicle Approach Total | U Turns   | Left Turns | Straight Through | Right Turns | Crosswalk Crossings | Vehicle Approach Total | U Turns    | Left Turns | Straight Through | Right Turns | Crosswalk Crossings | Vehicle Approach Total | U Turns   | Left Turns | Straight Through | Right Turns | Crosswalk Crossings | Vehicle Approach Total |               |
| 4:15 PM         | 0          | 0          | 107              | 0           | 4                   | 107                    | 0         | 5          | 0                | 1           | 2                   | 6                      | 0          | 12         | 180              | 11          | 0                   | 203                    | 0         | 0          | 0                | 5           | 4                   | 5                      | 321           |
| 4:30 PM         | 0          | 4          | 104              | 1           | 4                   | 109                    | 0         | 4          | 0                | 2           | 1                   | 6                      | 0          | 11         | 170              | 5           | 0                   | 186                    | 0         | 4          | 1                | 10          | 3                   | 15                     | 316           |
| 4:45 PM         | 0          | 1          | 130              | 1           | 0                   | 132                    | 0         | 5          | 0                | 2           | 0                   | 7                      | 0          | 9          | 164              | 3           | 0                   | 176                    | 0         | 3          | 1                | 7           | 0                   | 11                     | 326           |
| 5:00 PM         | 0          | 3          | 99               | 2           | 0                   | 104                    | 0         | 5          | 1                | 0           | 1                   | 6                      | 0          | 9          | 204              | 3           | 0                   | 216                    | 0         | 2          | 1                | 10          | 2                   | 13                     | 339           |
| Peak Hour Total | 0          | 8          | 440              | 4           | 8                   | 452                    | 0         | 19         | 1                | 5           | 4                   | 25                     | 0          | 41         | 718              | 22          | 0                   | 781                    | 0         | 9          | 3                | 32          | 9                   | 44                     | 1302          |
| PHF             | 0.000      | 0.500      | 0.846            | 0.500       | 0.500               | 0.856                  | 0.000     | 0.950      | 0.250            | 0.625       | 0.500               | 0.893                  | 0.000      | 0.854      | 0.880            | 0.500       | 0.000               | 0.904                  | 0.000     | 0.563      | 0.750            | 0.800       | 0.563               | 0.733                  | 0.960         |

|                                |           |             |                               |          |           |
|--------------------------------|-----------|-------------|-------------------------------|----------|-----------|
| Total Vehicles On Leg          |           |             |                               | 10764    |           |
| Vehicles Entering Intersection |           | 5403        | Vehicles Exiting Intersection |          | 5361      |
| <b>Southbound</b>              |           |             |                               |          |           |
| Cars                           | 76        | 5143        | 65                            | 0        | 8         |
| Heavy                          | 3         | 114         | 2                             | 0        | 4         |
| <b>Total</b>                   | <b>79</b> | <b>5257</b> | <b>67</b>                     | <b>0</b> | <b>12</b> |



|                            |                                    |           |      |       |       |
|----------------------------|------------------------------------|-----------|------|-------|-------|
| Total Vehicles on Leg 1185 | Vehicles Entering Intersection 611 | Eastbound | Cars | Heavy | Total |
|                            |                                    |           | 41   | 5     | 46    |
|                            |                                    |           | 0    | 0     | 0     |
|                            | 63                                 |           | 1    | 64    |       |
|                            | Vehicles Exiting Intersection 574  |           | 18   | 0     | 18    |
|                            |                                    | 503       | 26   | 529   |       |



Daily Volumes

|      |       |       |                                   |                                    |                           |
|------|-------|-------|-----------------------------------|------------------------------------|---------------------------|
| Cars | Heavy | Total | Westbound                         | Vehicles Entering Intersection 318 | Total Vehicles on Leg 638 |
| 71   | 11    | 82    |                                   |                                    |                           |
| 8    | 1     | 9     |                                   |                                    |                           |
| 218  | 9     | 227   |                                   |                                    |                           |
| 0    | 0     | 0     |                                   |                                    |                           |
| 33   | 13    | 46    | Vehicles Exiting Intersection 320 |                                    |                           |



|                                |          |           |                               |             |            |
|--------------------------------|----------|-----------|-------------------------------|-------------|------------|
| Cars                           | 0        | 10        | 475                           | 5119        | 232        |
| Heavy                          | 2        | 0         | 11                            | 96          | 3          |
| <b>Total</b>                   | <b>2</b> | <b>10</b> | <b>486</b>                    | <b>5215</b> | <b>235</b> |
| <b>Northbound</b>              |          |           |                               |             |            |
| Vehicles Entering Intersection |          |           | Vehicles Exiting Intersection |             |            |
| 5946                           |          |           | 6023                          |             |            |
| Total Vehicles On Leg          |          | 11969     |                               |             |            |









# ANOKA COUNTY HIGHWAY

## PC-WARRANTS

### TRAFFIC SIGNAL WARRANT ANALYSIS

Study Name: TMC 2310

Study Date : 05/26/2023

## Signal Warrants - Summary

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### Major Street Approaches

Northbound: CSAH 78

Number of Lanes : 1

Total Approach Volume: 5,946

Southbound: CSAH 78

Number of Lanes : 1

Total Approach Volume: 5,403

### Minor Street Approaches

Eastbound: 155th Ln

Number of Lanes : 1

Total Approach Volume: 611

Westbound: 155th Ln

Number of Lanes : 1

Total Approach Volume: 318

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### Warrant Summary (Rural Values Apply)

**Warrant 1 - Eight Hour Vehicular Volumes.....Not Satisfied**

**Warrant 1A - Minimum Vehicular Volume.....Not Satisfied**

Required volumes reached for 0 hours, 8 are needed

**Warrant 1B - Interruption of Continuous Traffic.....Not Satisfied**

Required volumes reached for 3 hours, 8 are needed

**Warrant 1C - Combination of Warrants.....Not Satisfied**

Required 1A volumes reached for 0 hours, 8 are needed

Required 1B volumes reached for 9 hours, 8 are needed

**Warrant 2 - Four Hour Volumes.....Not Satisfied**

Number of hours (2) volumes exceed minimum < minimum required (4).

**Warrant 3 - Peak Hour.....Not Satisfied**

**Warrant 3A - Peak Hour Delay.....Not Satisfied**

Approach volumes on minor street don't exceed minimums for any one hour period. Delay data not evaluated.

**Warrant 3B - Peak Hour Volumes.....Not Satisfied**

Volumes do not exceed minimums for any one hour period.

**Warrant 4 - Pedestrian Volumes.....Not Evaluated**

**Warrant 5 - School Crossing.....Not Evaluated**

**Warrant 6 - Coordinated Signal System.....Not Evaluated**

**Warrant 7 - Crash Experience.....Not Evaluated**

**Warrant 8 - Roadway Network.....Not Evaluated**

**Warrant 9 - Intersection Near a Grade Crossing.....Not Evaluated**

# ANOKA COUNTY HIGHWAY

## PC-WARRANTS

### TRAFFIC SIGNAL WARRANT ANALYSIS

Study Name: TMC 2310

Study Date : 05/26/2023

## Warrant 1A - Minimum Volumes

#### Description

Intended for sites where the volume of intersecting traffic is the principal reason for consideration of a signal installation.

#### Summary

Only 0 one hour periods meet minimums.  
Warrant is NOT met.

#### Site Data Required

Rural Settings Apply = **True**  
Number of Major Lanes = **1**  
Number of Minor Lanes = **1**

#### Volume Requirements

Rural Factor of 70 % applied  
Veh/Hr Major = **350**  
  
Veh/Hr Minor = **105**

| Time          | Major Road |   |          |   | Total | Minor Road |          | Met? |
|---------------|------------|---|----------|---|-------|------------|----------|------|
|               | Major NB   | + | Major SB | = |       | Minor EB   | Minor WB |      |
| 16:15 - 17:15 | 781        | + | 452      | = | 1233  | 44         | 25       | No   |
| 16:00 - 17:00 | 745        | + | 456      | = | 1201  | 45         | 22       | No   |
| 16:30 - 17:30 | 742        | + | 454      | = | 1196  | 54         | 28       | No   |
| 16:45 - 17:45 | 714        | + | 449      | = | 1163  | 46         | 26       | No   |
| 15:45 - 16:45 | 707        | + | 402      | = | 1109  | 45         | 21       | No   |
| 17:00 - 18:00 | 672        | + | 427      | = | 1099  | 47         | 21       | No   |
| 15:30 - 16:30 | 682        | + | 360      | = | 1042  | 36         | 18       | No   |
| 17:15 - 18:15 | 582        | + | 399      | = | 981   | 36         | 19       | No   |
| 15:15 - 16:15 | 634        | + | 322      | = | 956   | 45         | 19       | No   |
| 14:45 - 15:45 | 621        | + | 321      | = | 942   | 56         | 24       | No   |
| 07:15 - 08:15 | 259        | + | 679      | = | 938   | 70         | 31       | No   |
| 07:00 - 08:00 | 211        | + | 715      | = | 926   | 65         | 32       | No   |
| 14:30 - 15:30 | 598        | + | 321      | = | 919   | 61         | 27       | No   |
| 15:00 - 16:00 | 622        | + | 295      | = | 917   | 46         | 24       | No   |
| 17:30 - 18:30 | 545        | + | 358      | = | 903   | 27         | 11       | No   |
| 14:15 - 15:15 | 540        | + | 327      | = | 867   | 61         | 21       | No   |
| 06:45 - 07:45 | 179        | + | 676      | = | 855   | 53         | 36       | No   |
| 17:45 - 18:45 | 505        | + | 333      | = | 838   | 26         | 9        | No   |
| 07:30 - 08:30 | 294        | + | 544      | = | 838   | 58         | 28       | No   |
| 06:30 - 07:30 | 152        | + | 643      | = | 795   | 49         | 36       | No   |
| 18:00 - 19:00 | 470        | + | 316      | = | 786   | 23         | 16       | No   |
| 14:00 - 15:00 | 467        | + | 312      | = | 779   | 53         | 20       | No   |
| 18:15 - 19:15 | 461        | + | 309      | = | 770   | 30         | 17       | No   |
| 07:45 - 08:45 | 287        | + | 480      | = | 767   | 51         | 23       | No   |
| 18:30 - 19:30 | 423        |   | 295      |   | 718   | 35         | 18       | No   |

# ANOKA COUNTY HIGHWAY

## PC-WARRANTS

### TRAFFIC SIGNAL WARRANT ANALYSIS

Study Name: TMC 2310

Study Date : 05/26/2023

## Warrant 1B - Interruption of Continuous Traffic

#### Description

Intended for sites where the volume of the major street is so heavy that traffic on the minor street suffers excessive delay or hazard.

#### Summary

Only 3 one hour periods meet minimums.  
Warrant is NOT met.

#### Site Data Required

Rural Settings Apply = **True**  
 Number of Major Lanes = **1**  
 Number of Minor Lanes = **1**

#### Volume Requirements

Rural Factor of 70 % applied  
 Veh/Hr Major = **525**  
 Veh/Hr Minor = **52**

| Time          | Major Road |   |          |   | Total | Minor Road |          | Met? |
|---------------|------------|---|----------|---|-------|------------|----------|------|
|               | Major NB   | + | Major SB | = |       | Minor EB   | Minor WB |      |
| 16:30 - 17:30 | 742        | + | 454      | = | 1196  | 54         | 28       | Yes  |
| 06:45 - 07:45 | 179        | + | 676      | = | 855   | 53         | 36       | Yes  |
| 14:00 - 15:00 | 467        | + | 312      | = | 779   | 53         | 20       | Yes  |
| 16:15 - 17:15 | 781        | + | 452      | = | 1233  | 44         | 25       | No   |
| 16:00 - 17:00 | 745        | + | 456      | = | 1201  | 45         | 22       | No   |
| 15:45 - 16:45 | 707        | + | 402      | = | 1109  | 45         | 21       | No   |
| 15:30 - 16:30 | 682        | + | 360      | = | 1042  | 36         | 18       | No   |
| 15:15 - 16:15 | 634        | + | 322      | = | 956   | 45         | 19       | No   |
| 15:00 - 16:00 | 622        | + | 295      | = | 917   | 46         | 24       | No   |
| 17:30 - 18:30 | 545        | + | 358      | = | 903   | 27         | 11       | No   |
| 17:45 - 18:45 | 505        | + | 333      | = | 838   | 26         | 9        | No   |
| 06:30 - 07:30 | 152        | + | 643      | = | 795   | 49         | 36       | No   |
| 18:00 - 19:00 | 470        | + | 316      | = | 786   | 23         | 16       | No   |
| 18:15 - 19:15 | 461        | + | 309      | = | 770   | 30         | 17       | No   |
| 07:45 - 08:45 | 287        | + | 480      | = | 767   | 51         | 23       | No   |
| 18:30 - 19:30 | 423        | + | 295      | = | 718   | 35         | 18       | No   |
| 18:45 - 19:45 | 411        | + | 270      | = | 681   | 33         | 22       | No   |
| 08:00 - 09:00 | 269        | + | 393      | = | 662   | 39         | 25       | No   |
| 13:45 - 14:45 | 393        | + | 262      | = | 655   | 41         | 16       | No   |
| 06:15 - 07:15 | 129        | + | 504      | = | 633   | 37         | 34       | No   |
| 19:00 - 20:00 | 402        | + | 226      | = | 628   | 30         | 20       | No   |
| 08:30 - 09:30 | 211        | + | 395      | = | 606   | 27         | 19       | No   |
| 08:15 - 09:15 | 229        | + | 367      | = | 596   | 26         | 22       | No   |
| 13:30 - 14:30 | 327        | + | 265      | = | 592   | 38         | 15       | No   |
| 08:45 - 09:45 | 214        |   | 368      |   | 582   | 26         | 18       | No   |

# ANOKA COUNTY HIGHWAY

## PC-WARRANTS

### TRAFFIC SIGNAL WARRANT ANALYSIS

Study Name: TMC 2310

Study Date : 05/26/2023

## Warrant 1C Combination of Warrants

#### Description

Intended for sites where the traffic volumes don't meet individual warrants but where Warrants 1A and 1B are both met to 80% of their stated values.

#### Summary

Only 0 hours meet 1A minimums.  
9 hours meet 1B minimums.  
Warrant is NOT met.

#### Site Data Required

Rural Settings Apply = **True**  
Number of Major Lanes = **1**  
Number of Minor Lanes = **1**

#### Volume Requirements

Rural Factor of 70% applied  
Warrant 1A 1B  
Veh/Hr Major = **280 420**

Veh/Hr Minor = **84 42**

#### Major Road CSAH 78

#### Minor Road 155th Ln

| Time          | Major NB | + | Major SB | = | Total | Minor EB | Minor WB | Met1A? |
|---------------|----------|---|----------|---|-------|----------|----------|--------|
| 16:15 - 17:15 | 781      | + | 452      | = | 1233  | 44       | 25       | No     |
| 16:00 - 17:00 | 745      | + | 456      | = | 1201  | 45       | 22       | No     |
| 16:30 - 17:30 | 742      | + | 454      | = | 1196  | 54       | 28       | No     |
| 16:45 - 17:45 | 714      | + | 449      | = | 1163  | 46       | 26       | No     |
| 15:45 - 16:45 | 707      | + | 402      | = | 1109  | 45       | 21       | No     |
| 17:00 - 18:00 | 672      | + | 427      | = | 1099  | 47       | 21       | No     |
| 15:30 - 16:30 | 682      | + | 360      | = | 1042  | 36       | 18       | No     |
| 17:15 - 18:15 | 582      | + | 399      | = | 981   | 36       | 19       | No     |
| 15:15 - 16:15 | 634      | + | 322      | = | 956   | 45       | 19       | No     |
| 14:45 - 15:45 | 621      | + | 321      | = | 942   | 56       | 24       | No     |
| 07:15 - 08:15 | 259      | + | 679      | = | 938   | 70       | 31       | No     |
| 07:00 - 08:00 | 211      | + | 715      | = | 926   | 65       | 32       | No     |

| Time          | Major NB | + | Major SB | = | Total | Minor EB | Minor WB | Met1B? |
|---------------|----------|---|----------|---|-------|----------|----------|--------|
| 16:00 - 17:00 | 745      | + | 456      | = | 1201  | 45       | 22       | Yes    |
| 17:00 - 18:00 | 672      | + | 427      | = | 1099  | 47       | 21       | Yes    |
| 15:00 - 16:00 | 622      | + | 295      | = | 917   | 46       | 24       | Yes    |
| 07:30 - 08:30 | 294      | + | 544      | = | 838   | 58       | 28       | Yes    |
| 06:30 - 07:30 | 152      | + | 643      | = | 795   | 49       | 36       | Yes    |
| 14:00 - 15:00 | 467      | + | 312      | = | 779   | 53       | 20       | Yes    |
| 13:00 - 14:00 | 289      | + | 230      | = | 519   | 42       | 13       | Yes    |
| 11:45 - 12:45 | 268      | + | 231      | = | 499   | 42       | 15       | Yes    |
| 10:45 - 11:45 | 243      | + | 184      | = | 427   | 54       | 15       | Yes    |
| 18:00 - 19:00 | 470      | + | 316      | = | 786   | 23       | 16       | No     |
| 18:15 - 19:15 | 461      | + | 309      | = | 770   | 30       | 17       | No     |
| 18:30 - 19:30 | 423      | + | 295      | = | 718   | 35       | 18       | No     |

# ANOKA COUNTY HIGHWAY

## PC-WARRANTS

### TRAFFIC SIGNAL WARRANT ANALYSIS

Study Name: TMC 2310

Study Date : 05/26/2023

## Warrant 2 - Four Hour Volumes

#### Description

Intended for sites where the volume of intersecting traffic during any four hours of the day is the principal reason for consideration of a signal installation.

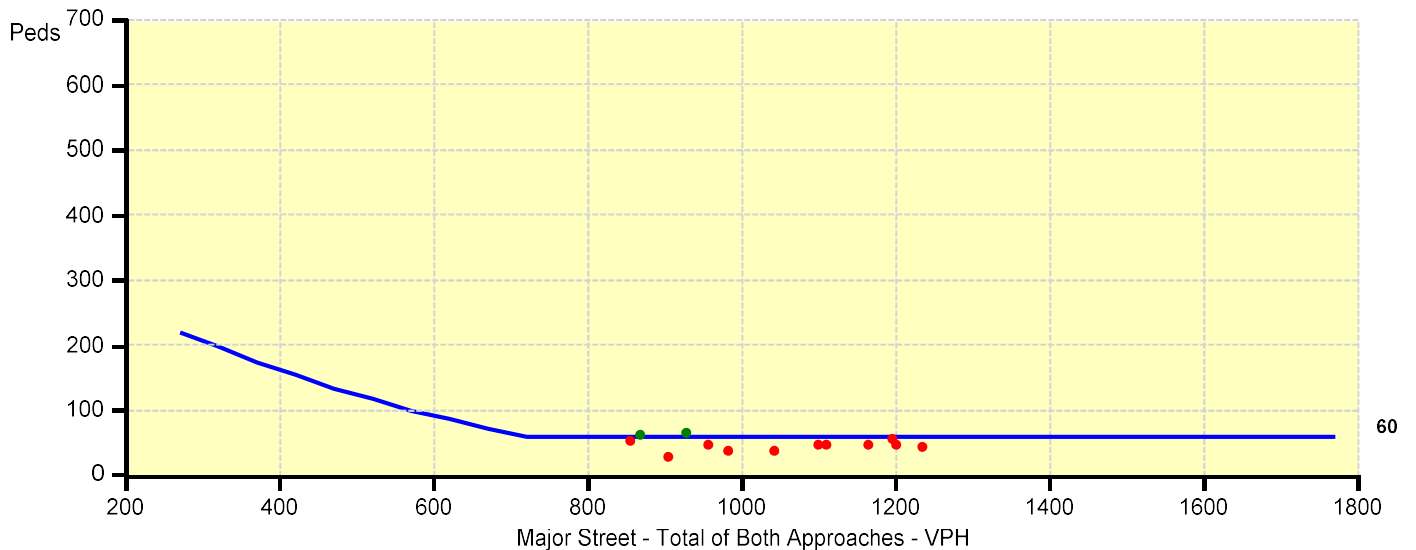
#### Summary

Only 2 one hour periods meet minimums.  
Warrant is NOT met.

#### Site Data Required

Rural Settings Apply = **True**  
 Number of Major Lanes = **1**  
 Number of Minor Lanes = **1**

| Time          | Major Road<br>CSAH 78 |   |          |   | Total | Minor Road<br>155th Ln |          | Met? |
|---------------|-----------------------|---|----------|---|-------|------------------------|----------|------|
|               | Major NB              | + | Major SB | = |       | Minor EB               | Minor WB |      |
| 07:00 - 08:00 | 211                   | + | 715      | = | 926   | 65                     | 32       | Yes  |
| 14:15 - 15:15 | 540                   | + | 327      | = | 867   | 61                     | 21       | Yes  |
| 16:15 - 17:15 | 781                   | + | 452      | = | 1233  | 44                     | 25       | No   |
| 16:00 - 17:00 | 745                   | + | 456      | = | 1201  | 45                     | 22       | No   |
| 16:30 - 17:30 | 742                   | + | 454      | = | 1196  | 54                     | 28       | No   |
| 16:45 - 17:45 | 714                   | + | 449      | = | 1163  | 46                     | 26       | No   |
| 15:45 - 16:45 | 707                   | + | 402      | = | 1109  | 45                     | 21       | No   |
| 17:00 - 18:00 | 672                   | + | 427      | = | 1099  | 47                     | 21       | No   |
| 15:30 - 16:30 | 682                   | + | 360      | = | 1042  | 36                     | 18       | No   |
| 17:15 - 18:15 | 582                   | + | 399      | = | 981   | 36                     | 19       | No   |
| 15:15 - 16:15 | 634                   | + | 322      | = | 956   | 45                     | 19       | No   |
| 17:30 - 18:30 | 545                   | + | 358      | = | 903   | 27                     | 11       | No   |



# ANOKA COUNTY HIGHWAY

## PC-WARRANTS

### TRAFFIC SIGNAL WARRANT ANALYSIS

Study Name: TMC 2310

Study Date : 05/26/2023

## Warrant 3B - Peak Hour Volumes

### Description

Intended for sites where the volume of intersecting traffic during one hour of the day is the principal reason for consideration of a signal installation.

### Summary

Only 0 one hour periods meet minimums.  
Warrant is NOT met.

### Site Data Required

Rural Settings Apply = **True**  
 Number of Major Lanes = **1**  
 Number of Minor Lanes = **1**

| Time          | Major Road     |   |          |   | Total | Minor Road      |          | Met? |
|---------------|----------------|---|----------|---|-------|-----------------|----------|------|
|               | Major NB       | + | Major SB | = |       | Minor EB        | Minor WB |      |
|               | <b>CSAH 78</b> |   |          |   |       | <b>155th Ln</b> |          |      |
| 16:15 - 17:15 | 781            | + | 452      | = | 1233  | 44              | 25       | No   |
| 16:00 - 17:00 | 745            | + | 456      | = | 1201  | 45              | 22       | No   |
| 16:30 - 17:30 | 742            | + | 454      | = | 1196  | 54              | 28       | No   |
| 16:45 - 17:45 | 714            | + | 449      | = | 1163  | 46              | 26       | No   |
| 15:45 - 16:45 | 707            | + | 402      | = | 1109  | 45              | 21       | No   |
| 17:00 - 18:00 | 672            | + | 427      | = | 1099  | 47              | 21       | No   |
| 15:30 - 16:30 | 682            | + | 360      | = | 1042  | 36              | 18       | No   |
| 17:15 - 18:15 | 582            | + | 399      | = | 981   | 36              | 19       | No   |
| 15:15 - 16:15 | 634            | + | 322      | = | 956   | 45              | 19       | No   |
| 14:45 - 15:45 | 621            | + | 321      | = | 942   | 56              | 24       | No   |
| 07:15 - 08:15 | 259            | + | 679      | = | 938   | 70              | 31       | No   |
| 07:00 - 08:00 | 211            | + | 715      | = | 926   | 65              | 32       | No   |

