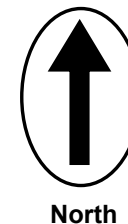
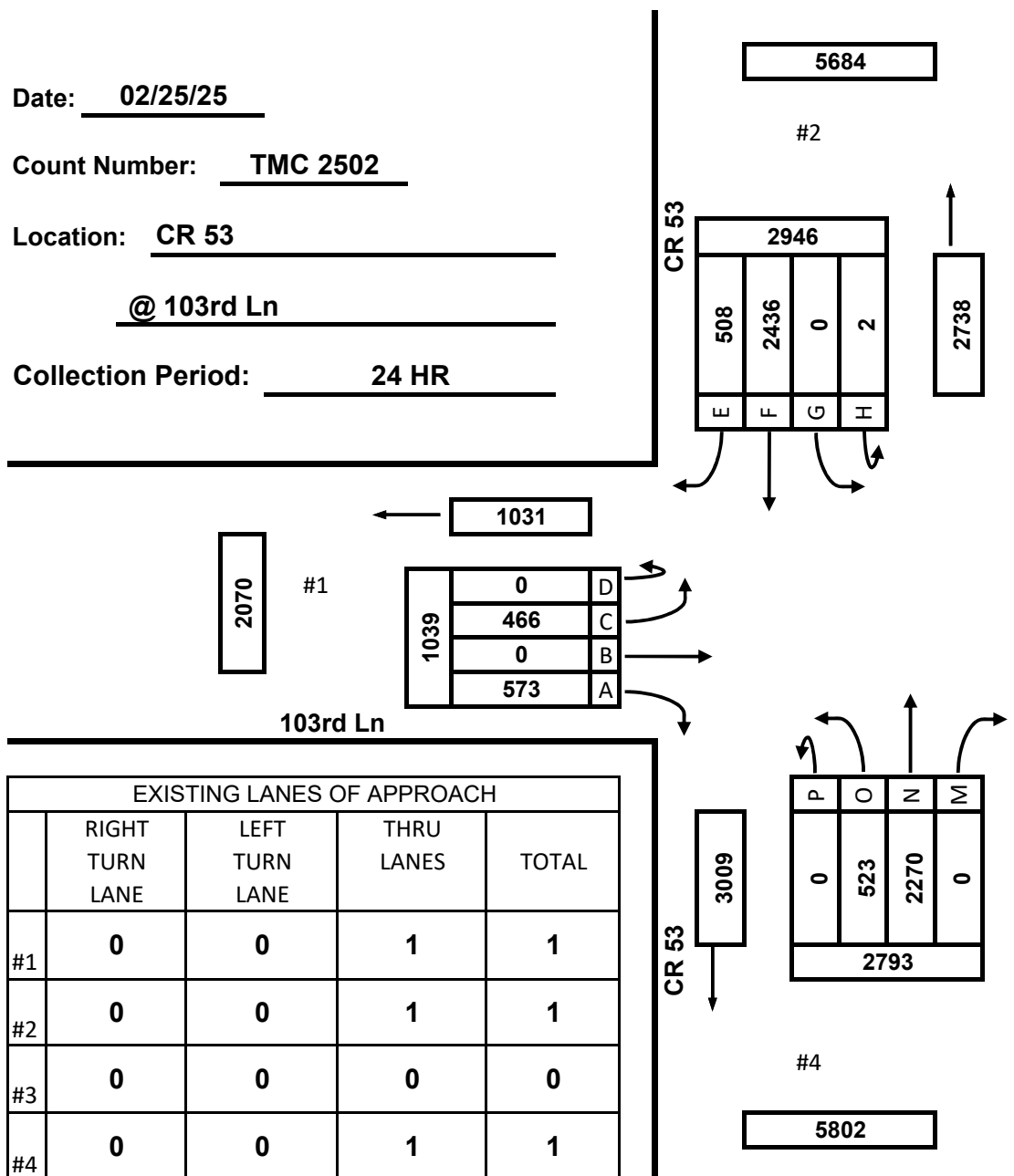


Date: 02/25/25

Count Number: TMC 2502

Location: CR 53  
@ 103rd Ln

Collection Period: 24 HR



Anoka County  
Highway Department  
Traffic Volume and Turning  
Movement Study

Date: 02/25/25

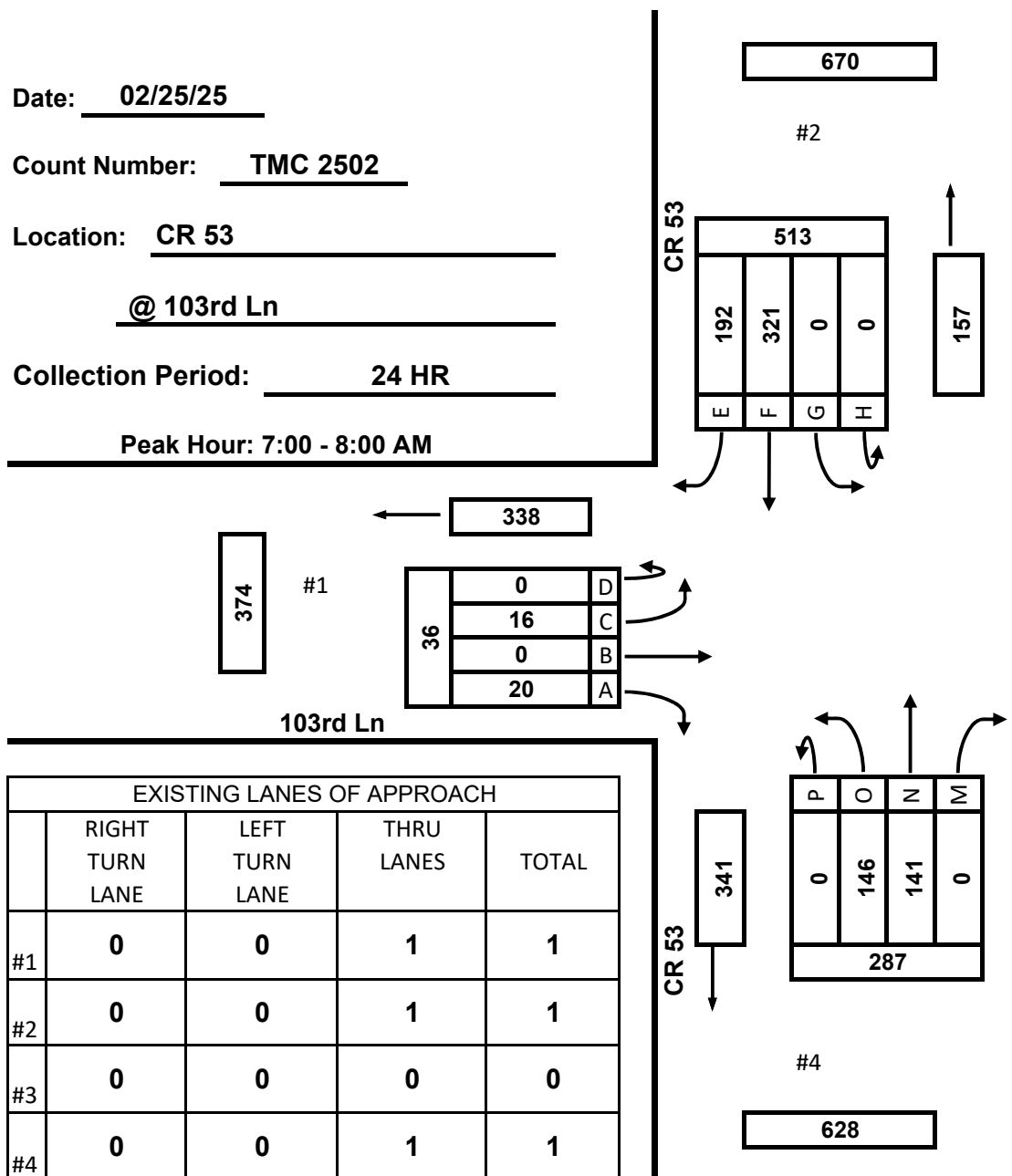
Count Number: TMC 2502

Location: CR 53

@ 103rd Ln

Collection Period: 24 HR

Peak Hour: 7:00 - 8:00 AM



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

Anoka County  
Highway Department  
Traffic Volume and Turning  
Movement Study

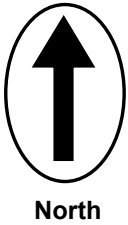
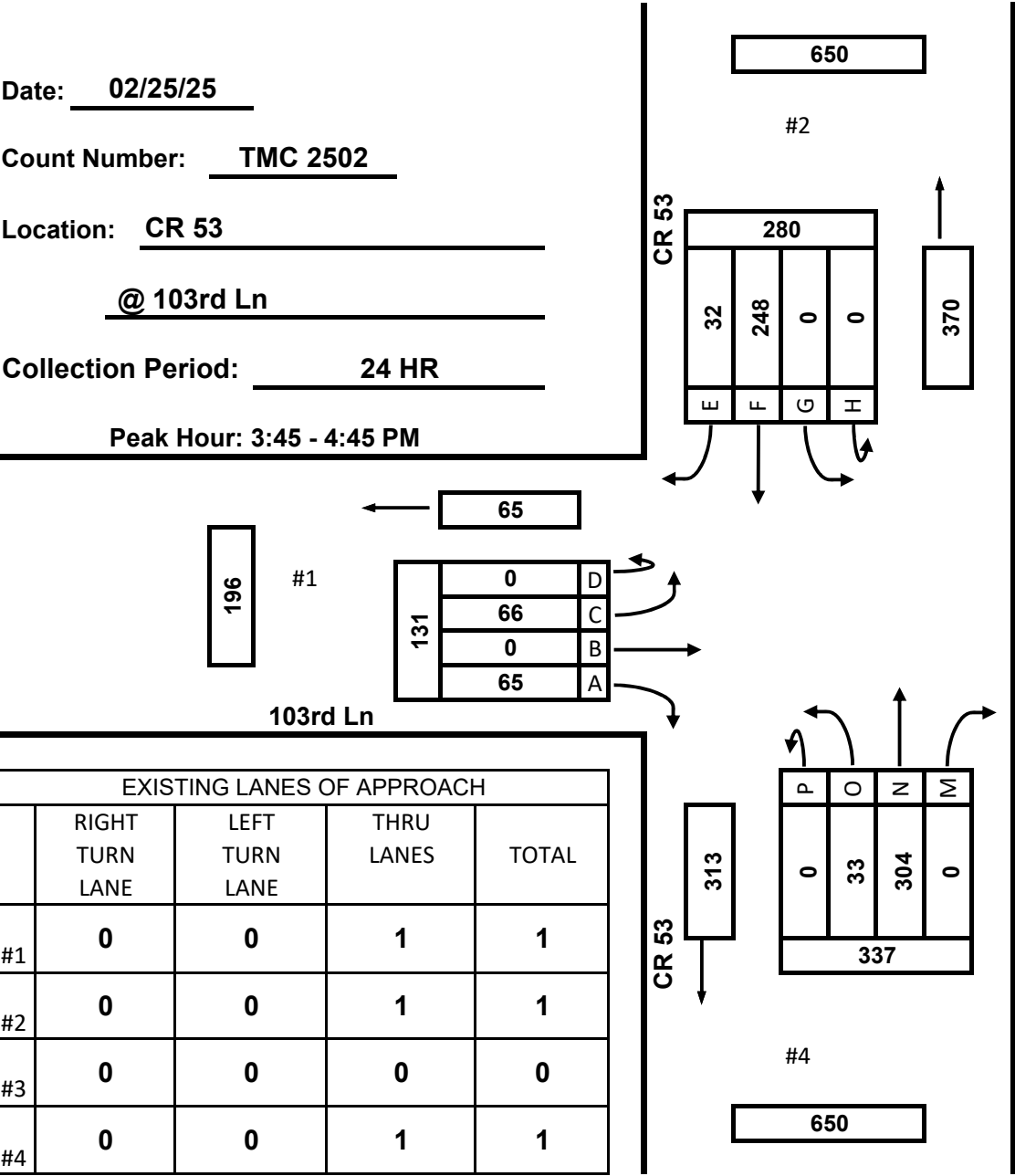
Date: 02/25/25

Count Number: TMC 2502

Location: CR 53  
@ 103rd Ln

Collection Period: 24 HR

Peak Hour: 3:45 - 4:45 PM



Anoka County  
Highway Department  
Traffic Volume and Turning  
Movement Study

**TMC 2502 - CR 53 @ 103rd Ln  
Blaine MN  
Tuesday, February 25, 2025**

| Time         | Southbound<br>CR 53 |            |                     |                |                        |                              | Westbound<br>0 |            |                     |                |                        |                              | Northbound<br>CR 53 |            |                     |                |                        |                              | Eastbound<br>103rd Ln |            |                     |                |                        |                              | 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          | 2                   | 0              | 0                      | 2                            | 0              | 0          | 0                   | 0              | 0                      | 0                            | 0                   | 0          | 3                   | 0              | 0                      | 3                            | 0                     | 0          | 0                   | 0              | 0                      | 0                            | 5                |
| 12:15 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                            | 2                |
| 12:30 AM     | 0                   | 0          | 1                   | 0              | 0                      | 1                            | 0              | 0          | 0                   | 0              | 0                      | 0                            | 0                   | 0          | 2                   | 0              | 0                      | 2                            | 0                     | 0          | 0                   | 0              | 0                      | 0                            | 3                |
| 12:45 AM     | 0                   | 0          | 1                   | 0              | 0                      | 1                            | 0              | 0          | 0                   | 0              | 0                      | 0                            | 0                   | 0          | 1                   | 0              | 0                      | 1                            | 0                     | 1          | 0                   | 0              | 0                      | 1                            | 3                |
| Hourly Total | 0                   | 0          | 5                   | 0              | 0                      | 5                            | 0              | 0          | 0                   | 0              | 0                      | 0                            | 0                   | 0          | 7                   | 0              | 0                      | 7                            | 0                     | 1          | 0                   | 0              | 0                      | 1                            | 13               |
| 1:00 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                |
| 1:15 AM      | 0                   | 0          | 2                   | 0              | 0                      | 2                            | 0              | 0          | 0                   | 0              | 0                      | 0                            | 0                   | 1          | 0                   | 0              | 0                      | 1                            | 0                     | 0          | 0                   | 0              | 0                      | 0                            | 3                |
| 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                            | 1                |
| 1:45 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                |
| Hourly Total | 0                   | 0          | 3                   | 0              | 0                      | 3                            | 0              | 0          | 0                   | 0              | 0                      | 0                            | 0                   | 1          | 0                   | 0              | 0                      | 1                            | 0                     | 0          | 0                   | 0              | 0                      | 0                            | 4                |
| 2:00 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                |
| 2:15 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                            | 1                |
| 2:30 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                            | 1                |
| 2:45 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                |
| Hourly Total | 0                   | 0          | 2                   | 0              | 0                      | 2                            | 0              | 0          | 0                   | 0              | 0                      | 0                            | 0                   | 0          | 0                   | 0              | 0                      | 0                            | 0                     | 0          | 0                   | 0              | 0                      | 0                            | 2                |
| 3:00 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                |
| 3:15 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                            | 2                |
| 3:30 AM      | 0                   | 0          | 2                   | 0              | 0                      | 2                            | 0              | 0          | 0                   | 0              | 0                      | 0                            | 0                   | 0          | 0                   | 0              | 0                      | 0                            | 0                     | 1          | 0                   | 0              | 0                      | 1                            | 3                |
| 3:45 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                            | 1                |
| Hourly Total | 0                   | 0          | 4                   | 0              | 0                      | 4                            | 0              | 0          | 0                   | 0              | 0                      | 0                            | 0                   | 0          | 1                   | 0              | 0                      | 1                            | 0                     | 1          | 0                   | 0              | 0                      | 1                            | 6                |
| 4:00 AM      | 1                   | 0          | 1                   | 1              | 0                      | 3                            | 0              | 0          | 0                   | 0              | 0                      | 0                            | 0                   | 0          | 0                   | 0              | 0                      | 0                            | 0                     | 0          | 0                   | 0              | 0                      | 0                            | 3                |
| 4:15 AM      | 0                   | 0          | 2                   | 2              | 0                      | 4                            | 0              | 0          | 0                   | 0              | 0                      | 0                            | 0                   | 0          | 2                   | 0              | 0                      | 2                            | 0                     | 0          | 0                   | 0              | 0                      | 0                            | 6                |
| 4:30 AM      | 0                   | 0          | 1                   | 1              | 0                      | 2                            | 0              | 0          | 0                   | 0              | 0                      | 0                            | 0                   | 0          | 1                   | 0              | 0                      | 1                            | 0                     | 0          | 0                   | 0              | 0                      | 0                            | 3                |
| 4:45 AM      | 0                   | 0          | 3                   | 0              | 0                      | 3                            | 0              | 0          | 0                   | 0              | 0                      | 0                            | 0                   | 0          | 3                   | 0              | 0                      | 3                            | 0                     | 0          | 0                   | 0              | 0                      | 0                            | 6                |
| Hourly Total | 1                   | 0          | 7                   | 4              | 0                      | 12                           | 0              | 0          | 0                   | 0              | 0                      | 0                            | 0                   | 0          | 6                   | 0              | 0                      | 6                            | 0                     | 0          | 0                   | 0              | 0                      | 0                            | 18               |
| 5:00 AM      | 0                   | 0          | 6                   | 0              | 0                      | 6                            | 0              | 0          | 0                   | 0              | 0                      | 0                            | 0                   | 0          | 6                   | 0              | 0                      | 6                            | 0                     | 0          | 0                   | 1              | 0                      | 1                            | 13               |
| 5:15 AM      | 0                   | 0          | 10                  | 0              | 0                      | 10                           | 0              | 0          | 0                   | 0              | 0                      | 0                            | 0                   | 1          | 4                   | 0              | 0                      | 5                            | 0                     | 0          | 0                   | 0              | 0                      | 0                            | 15               |
| 5:30 AM      | 0                   | 0          | 13                  | 0              | 0                      | 13                           | 0              | 0          | 0                   | 0              | 0                      | 0                            | 0                   | 1          | 5                   | 0              | 0                      | 6                            | 0                     | 0          | 0                   | 2              | 0                      | 2                            | 21               |
| 5:45 AM      | 0                   | 0          | 16                  | 0              | 0                      | 16                           | 0              | 0          | 0                   | 0              | 0                      | 0                            | 0                   | 2          | 8                   | 0              | 0                      | 10                           | 0                     | 0          | 0                   | 0              | 0                      | 0                            | 26               |
| Hourly Total | 0                   | 0          | 45                  | 0              | 0                      | 45                           | 0              | 0          | 0                   | 0              | 0                      | 0                            | 0                   | 4          | 23                  | 0              | 0                      | 27                           | 0                     | 0          | 0                   | 3              | 0                      | 3                            | 75               |
| 6:00 AM      | 0                   | 0          | 13                  | 1              | 0                      | 14                           | 0              | 0          | 0                   | 0              | 0                      | 0                            | 0                   | 2          | 16                  | 0              | 0                      | 18                           | 0                     | 0          | 0                   | 3              | 0                      | 3                            | 35               |
| 6:15 AM      | 0                   | 0          | 25                  | 0              | 0                      | 25                           | 0              | 0          | 0                   | 0              | 0                      | 0                            | 0                   | 1          | 8                   | 0              | 0                      | 9                            | 0                     | 2          | 0                   | 1              | 0                      | 3                            | 37               |
| 6:30 AM      | 0                   | 0          | 35                  | 2              | 0                      | 37                           | 0              | 0          | 0                   | 0              | 0                      | 0                            | 0                   | 7          | 23                  | 0              | 0                      | 30                           | 0                     | 2          | 0                   | 3              | 0                      | 5                            | 72               |
| 6:45 AM      | 0                   | 0          | 42                  | 4              | 0                      | 46                           | 0              | 0          | 0                   | 0              | 0                      | 0                            | 0                   | 4          | 25                  | 0              | 0                      | 29                           | 0                     | 0          | 0                   | 2              | 0                      | 2                            | 77               |
| Hourly Total | 0                   | 0          | 115                 | 7              | 0                      | 122                          | 0              | 0          | 0                   | 0              | 0                      | 0                            | 0                   | 14         | 72                  | 0              | 0                      | 86                           | 0                     | 4          | 0                   | 9              | 0                      | 13                           | 221              |
| 7:00 AM      | 0                   | 0          | 48                  | 8              | 1                      | 56                           | 0              | 0          | 0                   | 0              | 0                      | 0                            | 0                   | 9          | 18                  | 0              | 0                      | 27                           | 0                     | 1          | 0                   | 3              | 1                      | 4                            | 87               |
| 7:15 AM      | 0                   | 0          | 72                  | 16             | 0                      | 88                           | 0              | 0          | 0                   | 0              | 0                      | 0                            | 0                   | 23         | 33                  | 0              | 0                      | 56                           | 0                     | 2          | 0                   | 4              | 0                      | 6                            | 150              |
| 7:30 AM      | 0                   | 0          | 100                 | 105            | 0                      | 205                          | 0              | 0          | 0                   | 0              | 0                      | 0                            | 0                   | 69         | 34                  | 0              | 0                      | 103                          | 0                     | 7          | 0                   | 9              | 0                      | 16                           | 324              |
| 7:45 AM      | 0                   | 0          | 101                 | 63             | 0                      | 164                          | 0              | 0          | 0                   | 0              | 0                      | 0                            | 0                   | 45         | 56                  | 0              | 0                      | 101                          | 0                     | 6          | 0                   | 4              | 0                      | 10                           | 275              |
| Hourly Total | 0                   | 0          | 321                 | 192            | 1                      | 513                          | 0              | 0          | 0                   | 0              | 0                      | 0                            | 0                   | 146        | 141                 | 0              | 0                      | 287                          | 0                     | 16         | 0                   | 20             | 1                      | 36                           | 836              |

**TMC 2502 - CR 53 @ 103rd Ln  
Blaine MN**

**Tuesday, February 25, 2025**

| Time         | Southbound<br>CR 53 |            |                     |                |                        |                                      | Westbound<br>0 |            |                     |                |                        |                                      | Northbound<br>CR 53 |            |                     |                |                        |                                      | Eastbound<br>103rd Ln |            |                     |                |                        |                                      | VEHICLE<br>TOTAL |
|--------------|---------------------|------------|---------------------|----------------|------------------------|--------------------------------------|----------------|------------|---------------------|----------------|------------------------|--------------------------------------|---------------------|------------|---------------------|----------------|------------------------|--------------------------------------|-----------------------|------------|---------------------|----------------|------------------------|--------------------------------------|------------------|
|              | U Turns             | Left Turns | Straight<br>Through | Right<br>Turns | Crosswalk<br>Crossings | <i>Vehcle<br/>Approach<br/>Total</i> | U Turns        | Left Turns | Straight<br>Through | Right<br>Turns | Crosswalk<br>Crossings | <i>Vehcle<br/>Approach<br/>Total</i> | U Turns             | Left Turns | Straight<br>Through | Right<br>Turns | Crosswalk<br>Crossings | <i>Vehcle<br/>Approach<br/>Total</i> | U Turns               | Left Turns | Straight<br>Through | Right<br>Turns | Crosswalk<br>Crossings | <i>Vehcle<br/>Approach<br/>Total</i> |                  |
| 8:00 AM      | 0                   | 0          | 45                  | 5              | 0                      | 50                                   | 0              | 0          | 0                   | 0              | 0                      | 0                                    | 0                   | 6          | 20                  | 0              | 0                      | 26                                   | 0                     | 1          | 0                   | 4              | 0                      | 5                                    | 81               |
| 8:15 AM      | 0                   | 0          | 31                  | 5              | 0                      | 36                                   | 0              | 0          | 0                   | 0              | 0                      | 0                                    | 0                   | 5          | 20                  | 0              | 0                      | 25                                   | 0                     | 0          | 0                   | 4              | 0                      | 4                                    | 65               |
| 8:30 AM      | 0                   | 0          | 28                  | 9              | 0                      | 37                                   | 0              | 0          | 0                   | 0              | 0                      | 0                                    | 0                   | 11         | 22                  | 0              | 0                      | 33                                   | 0                     | 0          | 0                   | 2              | 0                      | 2                                    | 72               |
| 8:45 AM      | 0                   | 0          | 47                  | 8              | 0                      | 55                                   | 0              | 0          | 0                   | 0              | 0                      | 0                                    | 0                   | 5          | 30                  | 0              | 0                      | 35                                   | 0                     | 0          | 0                   | 4              | 0                      | 4                                    | 94               |
| Hourly Total | 0                   | 0          | 151                 | 27             | 0                      | 178                                  | 0              | 0          | 0                   | 0              | 0                      | 0                                    | 0                   | 27         | 92                  | 0              | 0                      | 119                                  | 0                     | 1          | 0                   | 14             | 0                      | 15                                   | 312              |
| 9:00 AM      | 0                   | 0          | 48                  | 11             | 0                      | 59                                   | 0              | 0          | 0                   | 0              | 0                      | 0                                    | 0                   | 0          | 29                  | 0              | 0                      | 29                                   | 0                     | 13         | 0                   | 9              | 0                      | 22                                   | 110              |
| 9:15 AM      | 0                   | 0          | 39                  | 2              | 0                      | 41                                   | 0              | 0          | 0                   | 0              | 0                      | 0                                    | 0                   | 4          | 33                  | 0              | 0                      | 37                                   | 0                     | 5          | 0                   | 2              | 0                      | 7                                    | 85               |
| 9:30 AM      | 0                   | 0          | 24                  | 4              | 0                      | 28                                   | 0              | 0          | 0                   | 0              | 0                      | 0                                    | 0                   | 8          | 27                  | 0              | 0                      | 35                                   | 0                     | 2          | 0                   | 2              | 0                      | 4                                    | 67               |
| 9:45 AM      | 0                   | 0          | 17                  | 5              | 0                      | 22                                   | 0              | 0          | 0                   | 0              | 0                      | 0                                    | 0                   | 5          | 21                  | 0              | 0                      | 26                                   | 0                     | 9          | 0                   | 13             | 0                      | 22                                   | 70               |
| Hourly Total | 0                   | 0          | 128                 | 22             | 0                      | 150                                  | 0              | 0          | 0                   | 0              | 0                      | 0                                    | 0                   | 17         | 110                 | 0              | 0                      | 127                                  | 0                     | 29         | 0                   | 26             | 0                      | 55                                   | 332              |
| 10:00 AM     | 0                   | 0          | 23                  | 3              | 0                      | 26                                   | 0              | 0          | 0                   | 0              | 0                      | 0                                    | 0                   | 3          | 34                  | 0              | 0                      | 37                                   | 0                     | 1          | 0                   | 5              | 0                      | 6                                    | 69               |
| 10:15 AM     | 0                   | 0          | 32                  | 1              | 0                      | 33                                   | 0              | 0          | 0                   | 0              | 0                      | 0                                    | 0                   | 5          | 16                  | 0              | 0                      | 21                                   | 0                     | 0          | 0                   | 8              | 0                      | 8                                    | 62               |
| 10:30 AM     | 0                   | 0          | 19                  | 1              | 0                      | 20                                   | 0              | 0          | 0                   | 0              | 0                      | 0                                    | 0                   | 2          | 27                  | 0              | 0                      | 29                                   | 0                     | 1          | 0                   | 2              | 0                      | 3                                    | 52               |
| 10:45 AM     | 0                   | 0          | 21                  | 4              | 0                      | 25                                   | 0              | 0          | 0                   | 0              | 0                      | 0                                    | 0                   | 4          | 26                  | 0              | 0                      | 30                                   | 0                     | 21         | 0                   | 34             | 0                      | 55                                   | 110              |
| Hourly Total | 0                   | 0          | 95                  | 9              | 0                      | 104                                  | 0              | 0          | 0                   | 0              | 0                      | 0                                    | 0                   | 14         | 103                 | 0              | 0                      | 117                                  | 0                     | 23         | 0                   | 49             | 0                      | 72                                   | 293              |
| 11:00 AM     | 0                   | 0          | 31                  | 1              | 0                      | 32                                   | 0              | 0          | 0                   | 0              | 0                      | 0                                    | 0                   | 5          | 22                  | 0              | 0                      | 27                                   | 0                     | 1          | 0                   | 8              | 0                      | 9                                    | 68               |
| 11:15 AM     | 0                   | 0          | 26                  | 2              | 0                      | 28                                   | 0              | 0          | 0                   | 0              | 0                      | 0                                    | 0                   | 3          | 28                  | 0              | 0                      | 31                                   | 0                     | 1          | 0                   | 4              | 0                      | 5                                    | 64               |
| 11:30 AM     | 0                   | 0          | 32                  | 1              | 0                      | 33                                   | 0              | 0          | 0                   | 0              | 0                      | 0                                    | 0                   | 8          | 40                  | 0              | 0                      | 48                                   | 0                     | 2          | 0                   | 8              | 0                      | 10                                   | 91               |
| 11:45 AM     | 0                   | 0          | 23                  | 8              | 0                      | 31                                   | 0              | 0          | 0                   | 0              | 0                      | 0                                    | 0                   | 5          | 34                  | 0              | 0                      | 39                                   | 0                     | 7          | 0                   | 8              | 0                      | 15                                   | 85               |
| Hourly Total | 0                   | 0          | 112                 | 12             | 0                      | 124                                  | 0              | 0          | 0                   | 0              | 0                      | 0                                    | 0                   | 21         | 124                 | 0              | 0                      | 145                                  | 0                     | 11         | 0                   | 28             | 0                      | 39                                   | 308              |
| 12:00 PM     | 0                   | 0          | 30                  | 2              | 0                      | 32                                   | 0              | 0          | 0                   | 0              | 0                      | 0                                    | 0                   | 4          | 35                  | 0              | 0                      | 39                                   | 0                     | 1          | 0                   | 4              | 0                      | 5                                    | 76               |
| 12:15 PM     | 0                   | 0          | 30                  | 3              | 0                      | 33                                   | 0              | 0          | 0                   | 0              | 0                      | 0                                    | 0                   | 3          | 18                  | 0              | 0                      | 21                                   | 0                     | 2          | 0                   | 5              | 0                      | 7                                    | 61               |
| 12:30 PM     | 0                   | 0          | 24                  | 6              | 0                      | 30                                   | 0              | 0          | 0                   | 0              | 0                      | 0                                    | 0                   | 2          | 30                  | 0              | 0                      | 32                                   | 0                     | 1          | 0                   | 4              | 0                      | 5                                    | 67               |
| 12:45 PM     | 0                   | 0          | 32                  | 3              | 0                      | 35                                   | 0              | 0          | 0                   | 0              | 0                      | 0                                    | 0                   | 1          | 40                  | 0              | 0                      | 41                                   | 0                     | 18         | 0                   | 8              | 0                      | 26                                   | 102              |
| Hourly Total | 0                   | 0          | 116                 | 14             | 0                      | 130                                  | 0              | 0          | 0                   | 0              | 0                      | 0                                    | 0                   | 10         | 123                 | 0              | 0                      | 133                                  | 0                     | 22         | 0                   | 21             | 0                      | 43                                   | 306              |
| 1:00 PM      | 0                   | 0          | 31                  | 2              | 0                      | 33                                   | 0              | 0          | 0                   | 0              | 0                      | 0                                    | 0                   | 0          | 29                  | 0              | 0                      | 29                                   | 0                     | 4          | 0                   | 2              | 0                      | 6                                    | 68               |
| 1:15 PM      | 0                   | 0          | 28                  | 3              | 0                      | 31                                   | 0              | 0          | 0                   | 0              | 0                      | 0                                    | 0                   | 3          | 31                  | 0              | 0                      | 34                                   | 0                     | 1          | 0                   | 3              | 0                      | 4                                    | 69               |
| 1:30 PM      | 0                   | 0          | 50                  | 4              | 0                      | 54                                   | 0              | 0          | 0                   | 0              | 0                      | 0                                    | 0                   | 1          | 19                  | 0              | 0                      | 20                                   | 0                     | 2          | 0                   | 4              | 0                      | 6                                    | 80               |
| 1:45 PM      | 0                   | 0          | 42                  | 4              | 0                      | 46                                   | 0              | 0          | 0                   | 0              | 0                      | 0                                    | 0                   | 5          | 30                  | 0              | 0                      | 35                                   | 0                     | 15         | 0                   | 12             | 0                      | 27                                   | 108              |
| Hourly Total | 0                   | 0          | 151                 | 13             | 0                      | 164                                  | 0              | 0          | 0                   | 0              | 0                      | 0                                    | 0                   | 9          | 109                 | 0              | 0                      | 118                                  | 0                     | 22         | 0                   | 21             | 0                      | 43                                   | 325              |
| 2:00 PM      | 0                   | 0          | 27                  | 1              | 0                      | 28                                   | 0              | 0          | 0                   | 0              | 0                      | 0                                    | 0                   | 8          | 23                  | 0              | 0                      | 31                                   | 0                     | 1          | 0                   | 7              | 0                      | 8                                    | 67               |
| 2:15 PM      | 0                   | 0          | 44                  | 4              | 0                      | 48                                   | 0              | 0          | 0                   | 0              | 0                      | 0                                    | 0                   | 17         | 34                  | 0              | 0                      | 51                                   | 0                     | 8          | 0                   | 11             | 0                      | 19                                   | 118              |
| 2:30 PM      | 0                   | 0          | 40                  | 15             | 0                      | 55                                   | 0              | 0          | 0                   | 0              | 0                      | 0                                    | 0                   | 15         | 47                  | 0              | 0                      | 62                                   | 0                     | 22         | 0                   | 34             | 0                      | 56                                   | 173              |
| 2:45 PM      | 0                   | 0          | 43                  | 7              | 0                      | 50                                   | 0              | 0          | 0                   | 0              | 0                      | 0                                    | 0                   | 11         | 107                 | 0              | 2                      | 118                                  | 0                     | 46         | 0                   | 48             | 0                      | 94                                   | 262              |
| Hourly Total | 0                   | 0          | 154                 | 27             | 0                      | 181                                  | 0              | 0          | 0                   | 0              | 0                      | 0                                    | 0                   | 51         | 211                 | 0              | 2                      | 262                                  | 0                     | 77         | 0                   | 100            | 0                      | 177                                  | 620              |
| 3:00 PM      | 0                   | 0          | 49                  | 9              | 0                      | 58                                   | 0              | 0          | 0                   | 0              | 0                      | 0                                    | 0                   | 10         | 55                  | 0              | 0                      | 65                                   | 0                     | 14         | 0                   | 18             | 0                      | 32                                   | 155              |
| 3:15 PM      | 0                   | 0          | 46                  | 11             | 0                      | 57                                   | 0              | 0          | 0                   | 0              | 0                      | 0                                    | 0                   | 10         | 55                  | 0              | 2                      | 65                                   | 0                     | 11         | 0                   | 13             | 0                      | 24                                   | 146              |
| 3:30 PM      | 0                   | 0          | 47                  | 7              | 0                      | 54                                   | 0              | 0          | 0                   | 0              | 0                      | 0                                    | 0                   | 4          | 45                  | 0              | 0                      | 49                                   | 0                     | 9          | 0                   | 7              | 0                      | 16                                   | 119              |
| 3:45 PM      | 0                   | 0          | 54                  | 15             | 0                      | 69                                   | 0              | 0          | 0                   | 0              | 0                      | 0                                    | 0                   | 9          | 78                  | 0              | 0                      | 87                                   | 0                     | 22         | 0                   | 20             | 0                      | 42                                   | 198              |
| Hourly Total | 0                   | 0          | 196                 | 42             | 0                      | 238                                  | 0              | 0          | 0                   | 0              | 0                      | 0                                    | 0                   | 33         | 233                 | 0              | 2                      | 266                                  | 0                     | 56         | 0                   | 58             | 0                      | 114                                  | 618              |

**TMC 2502 - CR 53 @ 103rd Ln  
Blaine MN**

**Tuesday, February 25, 2025**

| Time            | Southbound<br>CR 53 |            |                     |                |                        |                                      | Westbound<br>0 |            |                     |                |                        |                                      | Northbound<br>CR 53 |            |                     |                |                        |                                      | Eastbound<br>103rd Ln |            |                     |                |                        |                                      | VEHICLE<br>TOTAL |
|-----------------|---------------------|------------|---------------------|----------------|------------------------|--------------------------------------|----------------|------------|---------------------|----------------|------------------------|--------------------------------------|---------------------|------------|---------------------|----------------|------------------------|--------------------------------------|-----------------------|------------|---------------------|----------------|------------------------|--------------------------------------|------------------|
|                 | U Turns             | Left Turns | Straight<br>Through | Right<br>Turns | Crosswalk<br>Crossings | <i>Vehcle<br/>Approach<br/>Total</i> | U Turns        | Left Turns | Straight<br>Through | Right<br>Turns | Crosswalk<br>Crossings | <i>Vehcle<br/>Approach<br/>Total</i> | U Turns             | Left Turns | Straight<br>Through | Right<br>Turns | Crosswalk<br>Crossings | <i>Vehcle<br/>Approach<br/>Total</i> | U Turns               | Left Turns | Straight<br>Through | Right<br>Turns | Crosswalk<br>Crossings | <i>Vehcle<br/>Approach<br/>Total</i> |                  |
| 4:00 PM         | 0                   | 0          | 55                  | 8              | 0                      | 63                                   | 0              | 0          | 0                   | 0              | 0                      | 0                                    | 0                   | 10         | 81                  | 0              | 0                      | 0                                    | 0                     | 21         | 0                   | 19             | 0                      | 40                                   | 194              |
| 4:15 PM         | 0                   | 0          | 69                  | 5              | 0                      | 74                                   | 0              | 0          | 0                   | 0              | 0                      | 0                                    | 0                   | 10         | 68                  | 0              | 0                      | 0                                    | 0                     | 15         | 0                   | 20             | 0                      | 35                                   | 187              |
| 4:30 PM         | 0                   | 0          | 70                  | 4              | 0                      | 74                                   | 0              | 0          | 0                   | 0              | 0                      | 0                                    | 0                   | 4          | 77                  | 0              | 0                      | 0                                    | 0                     | 8          | 0                   | 6              | 0                      | 14                                   | 169              |
| 4:45 PM         | 0                   | 0          | 63                  | 5              | 0                      | 68                                   | 0              | 0          | 0                   | 0              | 0                      | 0                                    | 0                   | 10         | 71                  | 0              | 0                      | 0                                    | 0                     | 14         | 0                   | 4              | 0                      | 18                                   | 167              |
| Hourly Total    | 0                   | 0          | 257                 | 22             | 0                      | 279                                  | 0              | 0          | 0                   | 0              | 0                      | 0                                    | 0                   | 34         | 297                 | 0              | 0                      | 0                                    | 0                     | 58         | 0                   | 49             | 0                      | 107                                  | 717              |
| 5:00 PM         | 0                   | 0          | 49                  | 13             | 0                      | 62                                   | 0              | 0          | 0                   | 0              | 0                      | 0                                    | 0                   | 19         | 57                  | 0              | 0                      | 0                                    | 0                     | 21         | 0                   | 17             | 0                      | 38                                   | 176              |
| 5:15 PM         | 0                   | 0          | 57                  | 4              | 0                      | 61                                   | 0              | 0          | 0                   | 0              | 0                      | 0                                    | 0                   | 3          | 56                  | 0              | 0                      | 0                                    | 0                     | 7          | 0                   | 12             | 0                      | 19                                   | 139              |
| 5:30 PM         | 0                   | 0          | 49                  | 6              | 0                      | 55                                   | 0              | 0          | 0                   | 0              | 0                      | 0                                    | 0                   | 7          | 58                  | 0              | 0                      | 0                                    | 0                     | 4          | 0                   | 4              | 0                      | 8                                    | 128              |
| 5:45 PM         | 0                   | 0          | 46                  | 13             | 0                      | 59                                   | 0              | 0          | 0                   | 0              | 0                      | 0                                    | 0                   | 16         | 42                  | 0              | 0                      | 0                                    | 0                     | 6          | 0                   | 4              | 0                      | 10                                   | 127              |
| Hourly Total    | 0                   | 0          | 201                 | 36             | 0                      | 237                                  | 0              | 0          | 0                   | 0              | 0                      | 0                                    | 0                   | 45         | 213                 | 0              | 0                      | 0                                    | 0                     | 38         | 0                   | 37             | 0                      | 75                                   | 570              |
| 6:00 PM         | 0                   | 0          | 30                  | 6              | 0                      | 36                                   | 0              | 0          | 0                   | 0              | 0                      | 0                                    | 0                   | 7          | 46                  | 0              | 0                      | 0                                    | 0                     | 2          | 0                   | 4              | 0                      | 6                                    | 95               |
| 6:15 PM         | 0                   | 0          | 35                  | 4              | 0                      | 39                                   | 0              | 0          | 0                   | 0              | 0                      | 0                                    | 0                   | 4          | 52                  | 0              | 0                      | 0                                    | 0                     | 3          | 0                   | 2              | 0                      | 5                                    | 100              |
| 6:30 PM         | 0                   | 0          | 28                  | 6              | 0                      | 34                                   | 0              | 0          | 0                   | 0              | 0                      | 0                                    | 0                   | 8          | 35                  | 0              | 0                      | 0                                    | 0                     | 8          | 0                   | 13             | 0                      | 21                                   | 98               |
| 6:45 PM         | 0                   | 0          | 27                  | 15             | 0                      | 42                                   | 0              | 0          | 0                   | 0              | 0                      | 0                                    | 0                   | 11         | 28                  | 0              | 0                      | 0                                    | 0                     | 7          | 0                   | 9              | 0                      | 16                                   | 97               |
| Hourly Total    | 0                   | 0          | 120                 | 31             | 0                      | 151                                  | 0              | 0          | 0                   | 0              | 0                      | 0                                    | 0                   | 30         | 161                 | 0              | 0                      | 0                                    | 0                     | 20         | 0                   | 28             | 0                      | 48                                   | 390              |
| 7:00 PM         | 0                   | 0          | 41                  | 5              | 0                      | 46                                   | 0              | 0          | 0                   | 0              | 0                      | 0                                    | 0                   | 5          | 24                  | 0              | 0                      | 0                                    | 0                     | 10         | 0                   | 13             | 0                      | 23                                   | 98               |
| 7:15 PM         | 0                   | 0          | 27                  | 6              | 0                      | 33                                   | 0              | 0          | 0                   | 0              | 0                      | 0                                    | 0                   | 8          | 30                  | 0              | 0                      | 0                                    | 0                     | 5          | 0                   | 8              | 0                      | 13                                   | 84               |
| 7:30 PM         | 0                   | 0          | 19                  | 1              | 0                      | 20                                   | 0              | 0          | 0                   | 0              | 0                      | 0                                    | 0                   | 1          | 29                  | 0              | 0                      | 0                                    | 0                     | 2          | 0                   | 4              | 0                      | 6                                    | 56               |
| 7:45 PM         | 0                   | 0          | 25                  | 6              | 0                      | 31                                   | 0              | 0          | 0                   | 0              | 0                      | 0                                    | 0                   | 10         | 15                  | 0              | 0                      | 0                                    | 0                     | 12         | 0                   | 17             | 0                      | 29                                   | 85               |
| Hourly Total    | 0                   | 0          | 112                 | 18             | 0                      | 130                                  | 0              | 0          | 0                   | 0              | 0                      | 0                                    | 0                   | 24         | 98                  | 0              | 0                      | 0                                    | 0                     | 29         | 0                   | 42             | 0                      | 71                                   | 323              |
| 8:00 PM         | 0                   | 0          | 22                  | 2              | 0                      | 24                                   | 0              | 0          | 0                   | 0              | 0                      | 0                                    | 0                   | 3          | 20                  | 0              | 0                      | 0                                    | 0                     | 10         | 0                   | 9              | 0                      | 19                                   | 66               |
| 8:15 PM         | 0                   | 0          | 18                  | 7              | 0                      | 25                                   | 0              | 0          | 0                   | 0              | 0                      | 0                                    | 0                   | 8          | 20                  | 0              | 0                      | 0                                    | 0                     | 3          | 0                   | 2              | 1                      | 5                                    | 58               |
| 8:30 PM         | 1                   | 0          | 16                  | 1              | 0                      | 18                                   | 0              | 0          | 0                   | 0              | 0                      | 0                                    | 0                   | 4          | 19                  | 0              | 0                      | 0                                    | 0                     | 21         | 0                   | 15             | 0                      | 36                                   | 77               |
| 8:45 PM         | 0                   | 0          | 15                  | 6              | 0                      | 21                                   | 0              | 0          | 0                   | 0              | 0                      | 0                                    | 0                   | 7          | 11                  | 0              | 0                      | 0                                    | 0                     | 4          | 0                   | 1              | 0                      | 5                                    | 44               |
| Hourly Total    | 1                   | 0          | 71                  | 16             | 0                      | 88                                   | 0              | 0          | 0                   | 0              | 0                      | 0                                    | 0                   | 22         | 70                  | 0              | 0                      | 0                                    | 0                     | 38         | 0                   | 27             | 1                      | 65                                   | 245              |
| 9:00 PM         | 0                   | 0          | 15                  | 6              | 0                      | 21                                   | 0              | 0          | 0                   | 0              | 0                      | 0                                    | 0                   | 4          | 12                  | 0              | 0                      | 0                                    | 0                     | 2          | 0                   | 3              | 0                      | 5                                    | 42               |
| 9:15 PM         | 0                   | 0          | 7                   | 7              | 0                      | 14                                   | 0              | 0          | 0                   | 0              | 0                      | 0                                    | 0                   | 10         | 13                  | 0              | 0                      | 0                                    | 0                     | 5          | 0                   | 7              | 0                      | 12                                   | 49               |
| 9:30 PM         | 0                   | 0          | 12                  | 0              | 0                      | 12                                   | 0              | 0          | 0                   | 0              | 0                      | 0                                    | 0                   | 1          | 8                   | 0              | 0                      | 0                                    | 0                     | 6          | 0                   | 12             | 0                      | 18                                   | 39               |
| 9:45 PM         | 0                   | 0          | 10                  | 0              | 0                      | 10                                   | 0              | 0          | 0                   | 0              | 0                      | 0                                    | 0                   | 1          | 5                   | 0              | 0                      | 0                                    | 0                     | 0          | 0                   | 3              | 0                      | 3                                    | 19               |
| Hourly Total    | 0                   | 0          | 44                  | 13             | 0                      | 57                                   | 0              | 0          | 0                   | 0              | 0                      | 0                                    | 0                   | 16         | 38                  | 0              | 0                      | 0                                    | 0                     | 13         | 0                   | 25             | 0                      | 38                                   | 149              |
| 10:00 PM        | 0                   | 0          | 5                   | 1              | 0                      | 6                                    | 0              | 0          | 0                   | 0              | 0                      | 0                                    | 0                   | 1          | 10                  | 0              | 0                      | 0                                    | 0                     | 0          | 0                   | 1              | 0                      | 1                                    | 18               |
| 10:15 PM        | 0                   | 0          | 7                   | 2              | 0                      | 9                                    | 0              | 0          | 0                   | 0              | 0                      | 0                                    | 0                   | 2          | 6                   | 0              | 0                      | 0                                    | 0                     | 0          | 0                   | 0              | 0                      | 0                                    | 17               |
| 10:30 PM        | 0                   | 0          | 4                   | 0              | 0                      | 4                                    | 0              | 0          | 0                   | 0              | 0                      | 0                                    | 0                   | 0          | 5                   | 0              | 0                      | 0                                    | 0                     | 1          | 0                   | 5              | 0                      | 6                                    | 15               |
| 10:45 PM        | 0                   | 0          | 1                   | 0              | 0                      | 1                                    | 0              | 0          | 0                   | 0              | 0                      | 0                                    | 0                   | 1          | 9                   | 0              | 0                      | 0                                    | 0                     | 6          | 0                   | 7              | 0                      | 13                                   | 24               |
| Hourly Total    | 0                   | 0          | 17                  | 3              | 0                      | 20                                   | 0              | 0          | 0                   | 0              | 0                      | 0                                    | 0                   | 4          | 30                  | 0              | 0                      | 0                                    | 0                     | 7          | 0                   | 13             | 0                      | 20                                   | 74               |
| 11:00 PM        | 0                   | 0          | 4                   | 0              | 0                      | 4                                    | 0              | 0          | 0                   | 0              | 0                      | 0                                    | 0                   | 1          | 1                   | 0              | 0                      | 0                                    | 0                     | 0          | 0                   | 1              | 1                      | 1                                    | 7                |
| 11:15 PM        | 0                   | 0          | 1                   | 0              | 0                      | 1                                    | 0              | 0          | 0                   | 0              | 0                      | 0                                    | 0                   | 0          | 3                   | 0              | 0                      | 0                                    | 0                     | 0          | 0                   | 0              | 0                      | 0                                    | 4                |
| 11:30 PM        | 0                   | 0          | 2                   | 0              | 0                      | 2                                    | 0              | 0          | 0                   | 0              | 0                      | 0                                    | 0                   | 0          | 2                   | 0              | 0                      | 0                                    | 0                     | 0          | 0                   | 2              | 0                      | 2                                    | 6                |
| 11:45 PM        | 0                   | 0          | 2                   | 0              | 0                      | 2                                    | 0              | 0          | 0                   | 0              | 0                      | 0                                    | 0                   | 0          | 2                   | 0              | 0                      | 0                                    | 0                     | 0          | 0                   | 0              | 0                      | 0                                    | 4                |
| Hourly Total    | 0                   | 0          | 9                   | 0              | 0                      | 9                                    | 0              | 0          | 0                   | 0              | 0                      | 0                                    | 0                   | 1          | 8                   | 0              | 0                      | 0                                    | 0                     | 0          | 0                   | 3              | 1                      | 3                                    | 21               |
| DAILY TOTAL     | 2                   | 0          | 2436                | 508            | 1                      | 2946                                 | 0              | 0          | 0                   | 0              | 0                      | 0                                    | 0                   | 523        | 2270                | 0              | 4                      | 2793                                 | 0                     | 466        | 0                   | 573            | 3                      | 1039                                 | 6778             |
| Cars            | 2                   | 0          | 2382                | 500            | 1                      | 2884                                 | 0              | 0          | 0                   | 0              | 0                      | 0                                    | 0                   | 499        | 2195                | 0              | 4                      | 2694                                 | 0                     | 451        | 0                   | 555            | 3                      | 1006                                 | 6584             |
| Heavy Vehicles  | 0                   | 0          | 54                  | 8              | 0                      | 62                                   | 0              | 0          | 0                   | 0              | 0                      | 0                                    | 0                   | 24         | 75                  | 0              | 0                      | 99                                   | 0                     | 15         | 0                   | 18             | 0                      | 33                                   | 194              |
| Heavy Vehicle % | 0.00%               | 0.00%      | 2.22%               | 1.57%          | 0.00%                  | 2.10%                                | 0.00%          | 0.00%      | 0.00%               | 0.00%          | 0.00%                  | 0.00%                                | 0.00%               | 4.59%      | 3.30%               | 0.00%          | 0.00%                  | 3.54%                                | 0.00%                 | 3.22%      | 0.00%               | 3.14%          | 0.00%                  | 3.18%                                | 2.86%            |

**TMC 2502 - CR 53 @ 103rd Ln  
Blaine MN**

**Tuesday, February 25, 2025**

**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 |               |
| 7:00 AM             | 0          | 0          | 48               | 8           | 1                   | 56                     | 0         | 0          | 0                | 0           | 0                   | 0                      | 0          | 9          | 18               | 0           | 0                   | 27                     | 0         | 1          | 0                | 3           | 1                   | 4                      | 87            |
| 7:15 AM             | 0          | 0          | 72               | 16          | 0                   | 88                     | 0         | 0          | 0                | 0           | 0                   | 0                      | 0          | 23         | 33               | 0           | 0                   | 56                     | 0         | 2          | 0                | 4           | 0                   | 6                      | 150           |
| 7:30 AM             | 0          | 0          | 100              | 105         | 0                   | 205                    | 0         | 0          | 0                | 0           | 0                   | 0                      | 0          | 69         | 34               | 0           | 0                   | 103                    | 0         | 7          | 0                | 9           | 0                   | 16                     | 324           |
| 7:45 AM             | 0          | 0          | 101              | 63          | 0                   | 164                    | 0         | 0          | 0                | 0           | 0                   | 0                      | 0          | 45         | 56               | 0           | 0                   | 101                    | 0         | 6          | 0                | 4           | 0                   | 10                     | 275           |
| Peak Hour Total PHF | 0          | 0          | 321              | 192         | 1                   | 513                    | 0         | 0          | 0                | 0           | 0                   | 0                      | 0          | 146        | 141              | 0           | 0                   | 287                    | 0         | 16         | 0                | 20          | 1                   | 36                     | 836           |
|                     | 0.000      | 0.000      | 0.795            | 0.457       | 0.250               | 0.626                  | 0.000     | 0.000      | 0.000            | 0.000       | 0.000               | 0.000                  | 0.000      | 0.529      | 0.629            | 0.000       | 0.000               | 0.697                  | 0.000     | 0.571      | 0.000            | 0.556       | 0.250               | 0.563                  | 0.645         |

**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 |               |
| 3:45 PM             | 0          | 0          | 54               | 15          | 0                   | 69                     | 0         | 0          | 0                | 0           | 0                   | 0                      | 0          | 9          | 78               | 0           | 0                   | 87                     | 0         | 22         | 0                | 20          | 0                   | 42                     | 198           |
| 4:00 PM             | 0          | 0          | 55               | 8           | 0                   | 63                     | 0         | 0          | 0                | 0           | 0                   | 0                      | 0          | 10         | 81               | 0           | 0                   | 91                     | 0         | 21         | 0                | 19          | 0                   | 40                     | 194           |
| 4:15 PM             | 0          | 0          | 69               | 5           | 0                   | 74                     | 0         | 0          | 0                | 0           | 0                   | 0                      | 0          | 10         | 68               | 0           | 0                   | 78                     | 0         | 15         | 0                | 20          | 0                   | 35                     | 187           |
| 4:30 PM             | 0          | 0          | 70               | 4           | 0                   | 74                     | 0         | 0          | 0                | 0           | 0                   | 0                      | 0          | 4          | 77               | 0           | 0                   | 81                     | 0         | 8          | 0                | 6           | 0                   | 14                     | 169           |
| Peak Hour Total PHF | 0          | 0          | 248              | 32          | 0                   | 280                    | 0         | 0          | 0                | 0           | 0                   | 0                      | 0          | 33         | 304              | 0           | 0                   | 337                    | 0         | 66         | 0                | 65          | 0                   | 131                    | 748           |
|                     | 0.000      | 0.000      | 0.886            | 0.533       | 0.000               | 0.946                  | 0.000     | 0.000      | 0.000            | 0.000       | 0.000               | 0.000                  | 0.000      | 0.825      | 0.938            | 0.000       | 0.000               | 0.926                  | 0.000     | 0.750      | 0.000            | 0.813       | 0.000               | 0.780                  | 0.944         |

|                                     |     |      |   |                                    |   |  |
|-------------------------------------|-----|------|---|------------------------------------|---|--|
| Total Vehicles On Leg               |     |      |   | 5684                               |   |  |
| Vehicles Entering Intersection 2946 |     |      |   | Vehicles Exiting Intersection 2738 |   |  |
| Southbound                          |     |      |   |                                    |   |  |
| Cars                                | 500 | 2382 | 0 | 2                                  | 1 |  |
| Heavy                               | 8   | 54   | 0 | 0                                  | 0 |  |
| Total                               | 508 | 2436 | 0 | 2                                  | 1 |  |

| Total Vehicles on Leg 2070 | Vehicles Entering Intersection 1039 | Eastbound | Cars | Heavy | Total |
|----------------------------|-------------------------------------|-----------|------|-------|-------|
|                            | Vehicles Exiting Intersection 1031  |           | 3    | 0     | 3     |
|                            |                                     |           | 0    | 0     | 0     |
|                            |                                     |           | 451  | 15    | 466   |
|                            |                                     |           | 0    | 0     | 0     |
|                            |                                     |           | 555  | 18    | 573   |

|               |  |  |  |  |  |
|---------------|--|--|--|--|--|
| Daily Volumes |  |  |  |  |  |
|               |  |  |  |  |  |

|      |       |       |           |                                  |                         |
|------|-------|-------|-----------|----------------------------------|-------------------------|
| Cars | Heavy | Total | Westbound | Vehicles Entering Intersection 0 | Total Vehicles on Leg 0 |
| 0    | 0     | 0     |           |                                  |                         |
| 0    | 0     | 0     |           |                                  |                         |
| 0    | 0     | 0     |           |                                  |                         |
| 0    | 0     | 0     |           | Vehicles Exiting Intersection 0  |                         |
| 0    | 0     | 0     |           |                                  |                         |

|                                |   |   |      |      |   |
|--------------------------------|---|---|------|------|---|
| Cars                           | 4 | 0 | 499  | 2195 | 0 |
| Heavy                          | 0 | 0 | 24   | 75   | 0 |
| Total                          | 4 | 0 | 523  | 2270 | 0 |
| Northbound                     |   |   |      |      |   |
| Vehicles Entering Intersection |   |   | 2793 |      |   |
| Vehicles Exiting Intersection  |   |   | 3009 |      |   |
| Total Vehicles On Leg          |   |   | 5802 |      |   |

# Heavy Vehicles

|            |       | Southbound |            |                  |             |                          |                          | Northbound |            |                  |             |                          |                          | Eastbound |            |                  |             |                          |                          |   |
|------------|-------|------------|------------|------------------|-------------|--------------------------|--------------------------|------------|------------|------------------|-------------|--------------------------|--------------------------|-----------|------------|------------------|-------------|--------------------------|--------------------------|---|
| Date       | Time  | U Turns    | Left Turns | Straight Through | Right Turns | EB Bicycles in Crosswalk | WB Bicycles in Crosswalk | U Turns    | Left Turns | Straight Through | Right Turns | EB Bicycles in Crosswalk | WB Bicycles in Crosswalk | U Turns   | Left Turns | Straight Through | Right Turns | NB Bicycles in Crosswalk | SB Bicycles in Crosswalk |   |
| 02/25/2025 | 0:00  | 0          | 0          | 0                | 0           | 0                        | 0                        | 0          | 0          | 0                | 0           | 0                        | 0                        | 0         | 0          | 0                | 0           | 0                        | 0                        |   |
|            | 0:15  | 0          | 0          | 0                | 0           | 0                        | 0                        | 0          | 0          | 0                | 0           | 0                        | 0                        | 0         | 0          | 0                | 0           | 0                        | 0                        |   |
|            | 0:30  | 0          | 0          | 0                | 0           | 0                        | 0                        | 0          | 0          | 0                | 0           | 0                        | 0                        | 0         | 0          | 0                | 0           | 0                        | 0                        |   |
|            | 0:45  | 0          | 0          | 0                | 0           | 0                        | 0                        | 0          | 0          | 0                | 0           | 0                        | 0                        | 0         | 0          | 0                | 0           | 0                        | 0                        |   |
|            | 1:00  | 0          | 0          | 0                | 0           | 0                        | 0                        | 0          | 0          | 0                | 0           | 0                        | 0                        | 0         | 0          | 0                | 0           | 0                        | 0                        |   |
|            | 1:15  | 0          | 0          | 0                | 0           | 0                        | 0                        | 0          | 0          | 0                | 0           | 0                        | 0                        | 0         | 0          | 0                | 0           | 0                        | 0                        |   |
|            | 1:30  | 0          | 0          | 0                | 0           | 0                        | 0                        | 0          | 0          | 0                | 0           | 0                        | 0                        | 0         | 0          | 0                | 0           | 0                        | 0                        |   |
|            | 1:45  | 0          | 0          | 0                | 0           | 0                        | 0                        | 0          | 0          | 0                | 0           | 0                        | 0                        | 0         | 0          | 0                | 0           | 0                        | 0                        |   |
|            | 2:00  | 0          | 0          | 0                | 0           | 0                        | 0                        | 0          | 0          | 0                | 0           | 0                        | 0                        | 0         | 0          | 0                | 0           | 0                        | 0                        |   |
|            | 2:15  | 0          | 0          | 0                | 0           | 0                        | 0                        | 0          | 0          | 0                | 0           | 0                        | 0                        | 0         | 0          | 0                | 0           | 0                        | 0                        |   |
|            | 2:30  | 0          | 0          | 0                | 0           | 0                        | 0                        | 0          | 0          | 0                | 0           | 0                        | 0                        | 0         | 0          | 0                | 0           | 0                        | 0                        |   |
|            | 2:45  | 0          | 0          | 0                | 0           | 0                        | 0                        | 0          | 0          | 0                | 0           | 0                        | 0                        | 0         | 0          | 0                | 0           | 0                        | 0                        |   |
|            | 3:00  | 0          | 0          | 0                | 0           | 0                        | 0                        | 0          | 0          | 0                | 0           | 0                        | 0                        | 0         | 0          | 0                | 0           | 0                        | 0                        |   |
|            | 3:15  | 0          | 0          | 0                | 0           | 0                        | 0                        | 0          | 0          | 0                | 0           | 0                        | 0                        | 0         | 0          | 0                | 0           | 0                        | 0                        |   |
|            | 3:30  | 0          | 0          | 0                | 0           | 0                        | 0                        | 0          | 0          | 0                | 0           | 0                        | 0                        | 0         | 0          | 0                | 0           | 0                        | 0                        |   |
|            | 3:45  | 0          | 0          | 0                | 0           | 0                        | 0                        | 0          | 0          | 0                | 0           | 0                        | 0                        | 0         | 0          | 0                | 0           | 0                        | 0                        |   |
|            | 4:00  | 0          | 0          | 0                | 0           | 0                        | 0                        | 0          | 0          | 0                | 0           | 0                        | 0                        | 0         | 0          | 0                | 0           | 0                        | 0                        |   |
|            | 4:15  | 0          | 0          | 0                | 0           | 0                        | 0                        | 0          | 0          | 0                | 0           | 0                        | 0                        | 0         | 0          | 0                | 0           | 0                        | 0                        |   |
|            | 4:30  | 0          | 0          | 0                | 0           | 0                        | 0                        | 0          | 0          | 0                | 0           | 0                        | 0                        | 0         | 0          | 0                | 0           | 0                        | 0                        |   |
|            | 4:45  | 0          | 0          | 0                | 0           | 0                        | 0                        | 0          | 0          | 0                | 0           | 0                        | 0                        | 0         | 0          | 0                | 0           | 0                        | 0                        |   |
|            | 5:00  | 0          | 0          | 0                | 0           | 0                        | 0                        | 0          | 0          | 0                | 0           | 0                        | 0                        | 0         | 0          | 0                | 0           | 1                        | 0                        | 0 |
|            | 5:15  | 0          | 0          | 0                | 0           | 0                        | 0                        | 0          | 0          | 0                | 0           | 0                        | 0                        | 0         | 0          | 0                | 0           | 0                        | 0                        | 0 |
|            | 5:30  | 0          | 0          | 0                | 0           | 0                        | 0                        | 0          | 0          | 0                | 0           | 0                        | 0                        | 0         | 0          | 0                | 0           | 0                        | 0                        | 0 |
|            | 5:45  | 0          | 0          | 0                | 0           | 0                        | 0                        | 0          | 0          | 0                | 0           | 0                        | 0                        | 0         | 0          | 0                | 0           | 0                        | 0                        | 0 |
|            | 6:00  | 0          | 0          | 0                | 0           | 0                        | 0                        | 0          | 0          | 0                | 0           | 0                        | 0                        | 0         | 0          | 0                | 0           | 0                        | 0                        | 0 |
|            | 6:15  | 0          | 0          | 0                | 0           | 0                        | 0                        | 0          | 0          | 0                | 0           | 0                        | 0                        | 0         | 0          | 0                | 0           | 0                        | 0                        | 0 |
|            | 6:30  | 0          | 0          | 0                | 0           | 0                        | 0                        | 0          | 0          | 1                | 3           | 0                        | 0                        | 0         | 0          | 0                | 0           | 0                        | 0                        | 0 |
|            | 6:45  | 0          | 0          | 1                | 0           | 0                        | 0                        | 0          | 0          | 1                | 4           | 0                        | 0                        | 0         | 0          | 0                | 0           | 0                        | 0                        | 0 |
|            | 7:00  | 0          | 0          | 0                | 0           | 0                        | 0                        | 0          | 0          | 0                | 2           | 0                        | 0                        | 0         | 0          | 0                | 0           | 0                        | 0                        | 0 |
|            | 7:15  | 0          | 0          | 0                | 0           | 1                        | 0                        | 0          | 0          | 0                | 3           | 0                        | 0                        | 0         | 0          | 0                | 0           | 0                        | 0                        | 0 |
|            | 7:30  | 0          | 0          | 8                | 1           | 0                        | 0                        | 0          | 0          | 3                | 9           | 0                        | 0                        | 0         | 0          | 4                | 0           | 3                        | 0                        | 0 |
|            | 7:45  | 0          | 0          | 8                | 1           | 0                        | 0                        | 0          | 0          | 1                | 17          | 0                        | 0                        | 0         | 0          | 1                | 0           | 1                        | 0                        | 0 |
|            | 8:00  | 0          | 0          | 2                | 0           | 0                        | 0                        | 0          | 0          | 0                | 0           | 0                        | 0                        | 0         | 0          | 0                | 0           | 0                        | 0                        | 0 |
|            | 8:15  | 0          | 0          | 2                | 0           | 0                        | 0                        | 0          | 0          | 0                | 1           | 0                        | 0                        | 0         | 0          | 0                | 0           | 2                        | 0                        | 0 |
|            | 8:30  | 0          | 0          | 0                | 0           | 0                        | 0                        | 0          | 0          | 0                | 0           | 0                        | 0                        | 0         | 0          | 0                | 0           | 1                        | 0                        | 0 |
|            | 8:45  | 0          | 0          | 2                | 0           | 0                        | 0                        | 0          | 0          | 0                | 4           | 0                        | 0                        | 0         | 0          | 0                | 0           | 0                        | 0                        | 0 |
|            | 9:00  | 0          | 0          | 1                | 0           | 0                        | 0                        | 0          | 0          | 0                | 0           | 0                        | 0                        | 0         | 0          | 0                | 0           | 1                        | 0                        | 0 |
|            | 9:15  | 0          | 0          | 0                | 0           | 0                        | 0                        | 0          | 0          | 1                | 1           | 0                        | 0                        | 0         | 0          | 1                | 0           | 0                        | 0                        | 0 |
|            | 9:30  | 0          | 0          | 2                | 0           | 0                        | 0                        | 0          | 0          | 0                | 2           | 0                        | 0                        | 0         | 0          | 0                | 0           | 1                        | 0                        | 0 |
|            | 9:45  | 0          | 0          | 0                | 2           | 0                        | 0                        | 0          | 0          | 0                | 0           | 0                        | 0                        | 0         | 0          | 0                | 0           | 1                        | 0                        | 0 |
|            | 10:00 | 0          | 0          | 1                | 0           | 0                        | 0                        | 0          | 0          | 1                | 0           | 0                        | 0                        | 0         | 0          | 0                | 0           | 0                        | 0                        | 0 |
|            | 10:15 | 0          | 0          | 0                | 0           | 0                        | 0                        | 0          | 0          | 0                | 0           | 0                        | 0                        | 0         | 0          | 0                | 0           | 0                        | 0                        | 0 |
|            | 10:30 | 0          | 0          | 1                | 0           | 0                        | 0                        | 0          | 0          | 0                | 1           | 0                        | 0                        | 0         | 0          | 0                | 0           | 0                        | 0                        | 0 |
|            | 10:45 | 0          | 0          | 0                | 0           | 0                        | 0                        | 0          | 0          | 1                | 0           | 0                        | 0                        | 0         | 0          | 0                | 0           | 0                        | 0                        | 0 |
|            | 11:00 | 0          | 0          | 1                | 1           | 0                        | 0                        | 0          | 0          | 1                | 0           | 0                        | 0                        | 0         | 0          | 0                | 0           | 2                        | 0                        | 0 |
|            | 11:15 | 0          | 0          | 1                | 0           | 0                        | 0                        | 0          | 0          | 0                | 0           | 0                        | 0                        | 0         | 0          | 0                | 0           | 0                        | 0                        | 0 |
|            | 11:30 | 0          | 0          | 0                | 0           | 0                        | 0                        | 0          | 0          | 1                | 1           | 0                        | 0                        | 0         | 0          | 1                | 0           | 0                        | 0                        | 0 |
|            | 11:45 | 0          | 0          | 1                | 0           | 0                        | 0                        | 0          | 0          | 0                | 0           | 0                        | 0                        | 0         | 0          | 0                | 0           | 0                        | 0                        | 0 |
|            | 12:00 | 0          | 0          | 1                | 0           | 0                        | 0                        | 0          | 0          | 0                | 0           | 0                        | 0                        | 0         | 0          | 0                | 0           | 0                        | 0                        | 0 |
|            | 12:15 | 0          | 0          | 1                | 0           | 0                        | 0                        | 0          | 0          | 1                | 0           | 0                        | 0                        | 0         | 0          | 0                | 0           | 0                        | 0                        | 0 |
|            | 12:30 | 0          | 0          | 0                | 0           | 0                        | 0                        | 0          | 0          | 0                | 0           | 0                        | 0                        | 0         | 0          | 0                | 0           | 1                        | 0                        | 0 |
|            | 12:45 | 0          | 0          | 1                | 0           | 0                        | 0                        | 0          | 0          | 0                | 0           | 0                        | 0                        | 0         | 0          | 0                | 0           | 0                        | 0                        | 0 |
| 13:00      | 0     | 0          | 0          | 0                | 0           | 0                        | 0                        | 0          | 0          | 0                | 0           | 0                        | 0                        | 0         | 0          | 0                | 0           | 0                        | 0                        |   |
| 13:15      | 0     | 0          | 0          | 0                | 0           | 0                        | 0                        | 0          | 0          | 0                | 0           | 0                        | 0                        | 0         | 0          | 0                | 0           | 0                        | 0                        |   |
| 13:30      | 0     | 0          | 0          | 0                | 0           | 0                        | 0                        | 0          | 0          | 0                | 0           | 0                        | 0                        | 0         | 0          | 0                | 0           | 0                        | 0                        |   |
| 13:45      | 0     | 0          | 1          | 0                | 0           | 0                        | 0                        | 0          | 1          | 1                | 0           | 0                        | 0                        | 0         | 0          | 0                | 1           | 0                        | 0                        |   |
| 14:00      | 0     | 0          | 0          | 0                | 0           | 0                        | 0                        | 0          | 2          | 0                | 0           | 0                        | 0                        | 0         | 0          | 0                | 0           | 0                        | 0                        |   |
| 14:15      | 0     | 0          | 1          | 0                | 0           | 0                        | 0                        | 0          | 8          | 0                | 0           | 0                        | 0                        | 0         | 0          | 0                | 1           | 0                        | 0                        |   |
| 14:30      | 0     | 0          | 0          | 0                | 0           | 0                        | 0                        | 0          | 0          | 1                | 0           | 0                        | 0                        | 0         | 7          | 0                | 1           | 0                        | 0                        |   |
| 14:45      | 0     | 0          | 0          | 0                | 0           | 0                        | 0                        | 0          | 1          | 18               | 0           | 0                        | 0                        | 0         | 0          | 0                | 0           | 0                        | 0                        |   |
| 15:00      | 0     | 0          | 3          | 0                | 0           | 0                        | 0                        | 0          | 0          | 0                | 0           | 0                        | 0                        | 0         | 0          | 0                | 0           | 0                        | 0                        |   |
| 15:15      | 0     | 0          | 4          | 0                | 0           | 0                        | 0                        | 0          | 0          | 1                | 0           | 0                        | 0                        | 0         | 1          | 0                | 1           | 0                        | 0                        |   |

# ANOKA COUNTY HIGHWAY

## PC-WARRANTS

### TRAFFIC SIGNAL WARRANT ANALYSIS

Study Name: TMC 2502

Study Date : 03/06/2025

## Signal Warrants - Summary

### Major Street Approaches

Northbound: CR 53

Number of Lanes : 1

Total Approach Volume: 2,793

Southbound: CR 53

Number of Lanes :1

Total Approach Volume: 2,946

### Minor Street Approaches

Eastbound: 103rd Ln

Number of Lanes :1

Total Approach Volume: 1,039

### Warrant Summary (Urban Values Apply)

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

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

Required volumes reached for 1 hours, 8 are needed

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

Required volumes reached for 0 hours, 8 are needed

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

Required 1A volumes reached for 2 hours, 8 are needed

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

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

Number of hours (0) volumes exceed minimum < minimum required (4).

Warrant 3 - Peak Hour.....Satisfied

Warrant 3A - Peak Hour Delay.....Satisfied

Number of one hour periods (8) volumes exceed minimum >= required (1). 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 2502

Study Date : 03/06/2025

## 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 1 one hour periods meet minimums.  
Warrant is NOT met.

### Site Data Required

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

### Volume Requirements

Veh/Hr Major = **500**

Veh/Hr Minor = **150**

| Major Road    |          |   |          |   |       | Minor Road |          |      |
|---------------|----------|---|----------|---|-------|------------|----------|------|
| CR 53         |          |   |          |   |       | 103rd Ln   |          |      |
| Time          | Major NB | + | Major SB | = | Total | Minor EB   | Minor WB | Met? |
| 14:15 - 15:15 | 296      | + | 211      | = | 507   | 201        | 0        | Yes  |
| 07:00 - 08:00 | 287      | + | 513      | = | 800   | 36         | 0        | No   |
| 07:15 - 08:15 | 286      | + | 507      | = | 793   | 37         | 0        | No   |
| 07:30 - 08:30 | 255      | + | 455      | = | 710   | 35         | 0        | No   |
| 15:45 - 16:45 | 337      | + | 280      | = | 617   | 131        | 0        | No   |
| 16:00 - 17:00 | 331      | + | 279      | = | 610   | 107        | 0        | No   |
| 06:45 - 07:45 | 215      | + | 395      | = | 610   | 28         | 0        | No   |
| 16:15 - 17:15 | 316      | + | 278      | = | 594   | 105        | 0        | No   |
| 15:30 - 16:30 | 305      | + | 260      | = | 565   | 133        | 0        | No   |
| 16:30 - 17:30 | 297      | + | 265      | = | 562   | 89         | 0        | No   |
| 15:15 - 16:15 | 292      | + | 243      | = | 535   | 122        | 0        | No   |
| 16:45 - 17:45 | 281      | + | 246      | = | 527   | 83         | 0        | No   |
| 17:00 - 18:00 | 258      | + | 237      | = | 495   | 75         | 0        | No   |
| 07:45 - 08:45 | 185      | + | 287      | = | 472   | 21         | 0        | No   |
| 17:15 - 18:15 | 235      | + | 211      | = | 446   | 43         | 0        | No   |
| 14:00 - 15:00 | 262      | + | 181      | = | 443   | 177        | 0        | No   |
| 17:30 - 18:30 | 232      | + | 189      | = | 421   | 29         | 0        | No   |
| 17:45 - 18:45 | 210      | + | 168      | = | 378   | 42         | 0        | No   |
| 06:30 - 07:30 | 142      | + | 227      | = | 369   | 17         | 0        | No   |
| 13:45 - 14:45 | 179      | + | 177      | = | 356   | 110        | 0        | No   |
| 18:00 - 19:00 | 191      | + | 151      | = | 342   | 48         | 0        | No   |
| 18:15 - 19:15 | 167      | + | 161      | = | 328   | 65         | 0        | No   |
| 08:30 - 09:30 | 134      | + | 192      | = | 326   | 35         | 0        | No   |
| 08:45 - 09:45 | 136      | + | 183      | = | 319   | 37         | 0        | No   |
| 13:30 - 14:30 | 137      |   | 176      |   | 313   | 60         | 0        | No   |

# ANOKA COUNTY HIGHWAY

## PC-WARRANTS

### TRAFFIC SIGNAL WARRANT ANALYSIS

Study Name: TMC 2502

Study Date : 03/06/2025

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

### Site Data Required

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

### Volume Requirements

Veh/Hr Major = **750**

Veh/Hr Minor = **75**

| Major Road    |          |   |          |   |       | Minor Road |          |      |
|---------------|----------|---|----------|---|-------|------------|----------|------|
| CR 53         |          |   |          |   |       | 103rd Ln   |          |      |
| Time          | Major NB | + | Major SB | = | Total | Minor EB   | Minor WB | Met? |
| 07:00 - 08:00 | 287      | + | 513      | = | 800   | 36         | 0        | No   |
| 07:15 - 08:15 | 286      | + | 507      | = | 793   | 37         | 0        | No   |
| 07:30 - 08:30 | 255      | + | 455      | = | 710   | 35         | 0        | No   |
| 15:45 - 16:45 | 337      | + | 280      | = | 617   | 131        | 0        | No   |
| 16:00 - 17:00 | 331      | + | 279      | = | 610   | 107        | 0        | No   |
| 06:45 - 07:45 | 215      | + | 395      | = | 610   | 28         | 0        | No   |
| 16:15 - 17:15 | 316      | + | 278      | = | 594   | 105        | 0        | No   |
| 15:30 - 16:30 | 305      | + | 260      | = | 565   | 133        | 0        | No   |
| 16:30 - 17:30 | 297      | + | 265      | = | 562   | 89         | 0        | No   |
| 15:15 - 16:15 | 292      | + | 243      | = | 535   | 122        | 0        | No   |
| 14:30 - 15:30 | 310      | + | 220      | = | 530   | 206        | 0        | No   |
| 16:45 - 17:45 | 281      | + | 246      | = | 527   | 83         | 0        | No   |
| 14:45 - 15:45 | 297      | + | 219      | = | 516   | 166        | 0        | No   |
| 14:15 - 15:15 | 296      | + | 211      | = | 507   | 201        | 0        | No   |
| 15:00 - 16:00 | 266      | + | 238      | = | 504   | 114        | 0        | No   |
| 17:00 - 18:00 | 258      | + | 237      | = | 495   | 75         | 0        | No   |
| 07:45 - 08:45 | 185      | + | 287      | = | 472   | 21         | 0        | No   |
| 17:15 - 18:15 | 235      | + | 211      | = | 446   | 43         | 0        | No   |
| 14:00 - 15:00 | 262      | + | 181      | = | 443   | 177        | 0        | No   |
| 17:30 - 18:30 | 232      | + | 189      | = | 421   | 29         | 0        | No   |
| 17:45 - 18:45 | 210      | + | 168      | = | 378   | 42         | 0        | No   |
| 06:30 - 07:30 | 142      | + | 227      | = | 369   | 17         | 0        | No   |
| 13:45 - 14:45 | 179      | + | 177      | = | 356   | 110        | 0        | No   |
| 18:00 - 19:00 | 191      | + | 151      | = | 342   | 48         | 0        | No   |
| 18:15 - 19:15 | 167      |   | 161      |   | 328   | 65         | 0        | No   |

# ANOKA COUNTY HIGHWAY

## PC-WARRANTS

### TRAFFIC SIGNAL WARRANT ANALYSIS

Study Name: TMC 2502

Study Date : 03/06/2025

## 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 2 hours meet 1A minimums.  
Only 1 hours meet 1B minimums.  
Warrant is NOT met.

### Site Data Required

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

### Volume Requirements

Warrant 1A 1B  
Veh/Hr Major = **400 600**  
Veh/Hr Minor = **120 60**

| Major Road    |          |   |          |   |       | Minor Road |          |  |          |  |        |
|---------------|----------|---|----------|---|-------|------------|----------|--|----------|--|--------|
| CR 53         |          |   |          |   |       | 103rd Ln   |          |  |          |  |        |
| Time          | Major NB | + | Major SB | = | Total |            | Minor EB |  | Minor WB |  | Met1A? |
| 15:15 - 16:15 | 292      | + | 243      | = | 535   |            | 122      |  | 0        |  | Yes    |
| 14:00 - 15:00 | 262      | + | 181      | = | 443   |            | 177      |  | 0        |  | Yes    |
| 07:00 - 08:00 | 287      | + | 513      | = | 800   |            | 36       |  | 0        |  | No     |
| 07:15 - 08:15 | 286      | + | 507      | = | 793   |            | 37       |  | 0        |  | No     |
| 07:30 - 08:30 | 255      | + | 455      | = | 710   |            | 35       |  | 0        |  | No     |
| 06:45 - 07:45 | 215      | + | 395      | = | 610   |            | 28       |  | 0        |  | No     |
| 16:15 - 17:15 | 316      | + | 278      | = | 594   |            | 105      |  | 0        |  | No     |
| 16:30 - 17:30 | 297      | + | 265      | = | 562   |            | 89       |  | 0        |  | No     |
| 16:45 - 17:45 | 281      | + | 246      | = | 527   |            | 83       |  | 0        |  | No     |
| 15:00 - 16:00 | 266      | + | 238      | = | 504   |            | 114      |  | 0        |  | No     |
| 17:00 - 18:00 | 258      | + | 237      | = | 495   |            | 75       |  | 0        |  | No     |
| 07:45 - 08:45 | 185      |   | 287      |   | 472   |            | 21       |  | 0        |  | No     |

| Time          | Major NB | + | Major SB | = | Total | Minor EB |  | Minor WB |  | Met1B? |
|---------------|----------|---|----------|---|-------|----------|--|----------|--|--------|
| 15:45 - 16:45 | 337      | + | 280      | = | 617   | 131      |  | 0        |  | Yes    |
| 07:00 - 08:00 | 287      | + | 513      | = | 800   | 36       |  | 0        |  | No     |
| 07:15 - 08:15 | 286      | + | 507      | = | 793   | 37       |  | 0        |  | No     |
| 07:30 - 08:30 | 255      | + | 455      | = | 710   | 35       |  | 0        |  | No     |
| 06:45 - 07:45 | 215      | + | 395      | = | 610   | 28       |  | 0        |  | No     |
| 15:30 - 16:30 | 305      | + | 260      | = | 565   | 133      |  | 0        |  | No     |
| 15:15 - 16:15 | 292      | + | 243      | = | 535   | 122      |  | 0        |  | No     |
| 14:30 - 15:30 | 310      | + | 220      | = | 530   | 206      |  | 0        |  | No     |
| 16:45 - 17:45 | 281      | + | 246      | = | 527   | 83       |  | 0        |  | No     |
| 14:45 - 15:45 | 297      | + | 219      | = | 516   | 166      |  | 0        |  | No     |
| 14:15 - 15:15 | 296      | + | 211      | = | 507   | 201      |  | 0        |  | No     |
| 15:00 - 16:00 | 266      |   | 238      |   | 504   | 114      |  | 0        |  | No     |

# ANOKA COUNTY HIGHWAY

## PC-WARRANTS

### TRAFFIC SIGNAL WARRANT ANALYSIS

Study Name: TMC 2502

Study Date : 03/06/2025

## 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.

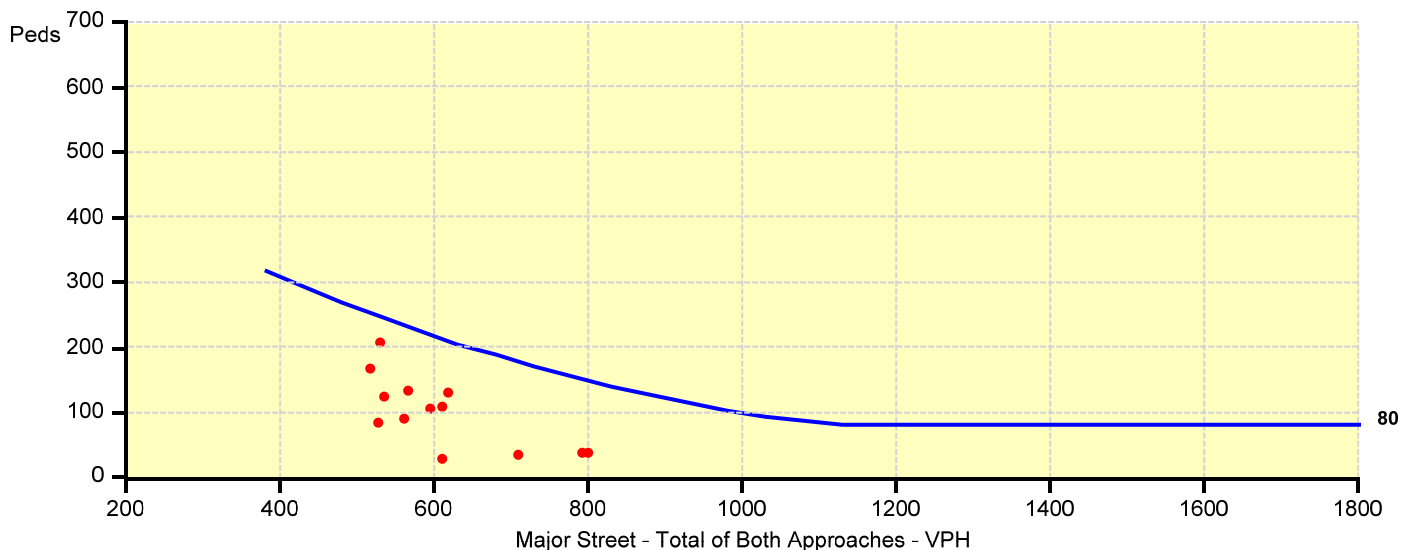
### Summary

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

### Site Data Required

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

| Major Road    |          |   |          |   |       | Minor Road |          |      |
|---------------|----------|---|----------|---|-------|------------|----------|------|
| CR 53         |          |   |          |   |       | 103rd Ln   |          |      |
| Time          | Major NB | + | Major SB | = | Total | Minor EB   | Minor WB | Met? |
| 07:00 - 08:00 | 287      | + | 513      | = | 800   | 36         | 0        | No   |
| 07:15 - 08:15 | 286      | + | 507      | = | 793   | 37         | 0        | No   |
| 07:30 - 08:30 | 255      | + | 455      | = | 710   | 35         | 0        | No   |
| 15:45 - 16:45 | 337      | + | 280      | = | 617   | 131        | 0        | No   |
| 16:00 - 17:00 | 331      | + | 279      | = | 610   | 107        | 0        | No   |
| 06:45 - 07:45 | 215      | + | 395      | = | 610   | 28         | 0        | No   |
| 16:15 - 17:15 | 316      | + | 278      | = | 594   | 105        | 0        | No   |
| 15:30 - 16:30 | 305      | + | 260      | = | 565   | 133        | 0        | No   |
| 16:30 - 17:30 | 297      | + | 265      | = | 562   | 89         | 0        | No   |
| 15:15 - 16:15 | 292      | + | 243      | = | 535   | 122        | 0        | No   |
| 14:30 - 15:30 | 310      | + | 220      | = | 530   | 206        | 0        | No   |
| 16:45 - 17:45 | 281      | + | 246      | = | 527   | 83         | 0        | No   |



# ANOKA COUNTY HIGHWAY

## PC-WARRANTS

### TRAFFIC SIGNAL WARRANT ANALYSIS

Study Name: TMC 2502

Study Date : 03/06/2025

## 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.

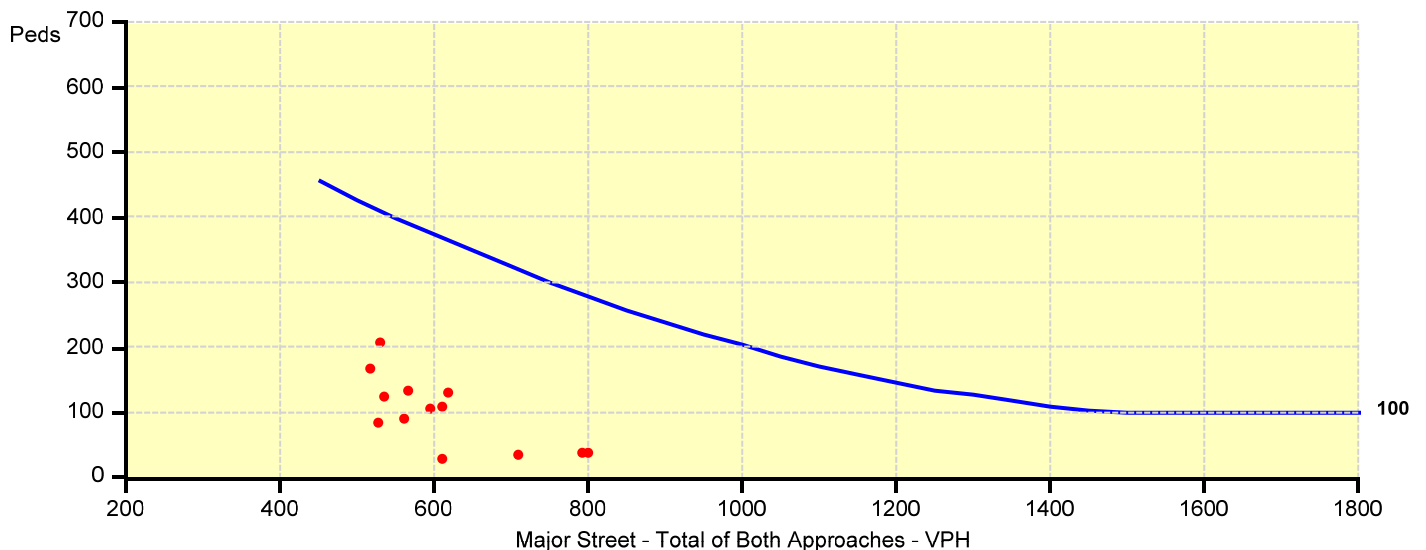
### Summary

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

### Site Data Required

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

| Major Road    |          |   |          |   |       | Minor Road |          |      |  |
|---------------|----------|---|----------|---|-------|------------|----------|------|--|
| CR 53         |          |   |          |   |       | 103rd Ln   |          |      |  |
| Time          | Major NB | + | Major SB | = | Total | Minor EB   | Minor WB | Met? |  |
| 07:00 - 08:00 | 287      | + | 513      | = | 800   | 36         | 0        | No   |  |
| 07:15 - 08:15 | 286      | + | 507      | = | 793   | 37         | 0        | No   |  |
| 07:30 - 08:30 | 255      | + | 455      | = | 710   | 35         | 0        | No   |  |
| 15:45 - 16:45 | 337      | + | 280      | = | 617   | 131        | 0        | No   |  |
| 16:00 - 17:00 | 331      | + | 279      | = | 610   | 107        | 0        | No   |  |
| 06:45 - 07:45 | 215      | + | 395      | = | 610   | 28         | 0        | No   |  |
| 16:15 - 17:15 | 316      | + | 278      | = | 594   | 105        | 0        | No   |  |
| 15:30 - 16:30 | 305      | + | 260      | = | 565   | 133        | 0        | No   |  |
| 16:30 - 17:30 | 297      | + | 265      | = | 562   | 89         | 0        | No   |  |
| 15:15 - 16:15 | 292      | + | 243      | = | 535   | 122        | 0        | No   |  |
| 14:30 - 15:30 | 310      | + | 220      | = | 530   | 206        | 0        | No   |  |
| 16:45 - 17:45 | 281      | + | 246      | = | 527   | 83         | 0        | No   |  |



# ANOKA COUNTY HIGHWAY

## PC-WARRANTS

### TRAFFIC SIGNAL WARRANT ANALYSIS

Study Name: TMC 2502

Study Date : 03/06/2025

## Multiway Stop Warrants - Summary

### Major Street Approaches

#### Northbound: CR 53

Number of Lanes : 1

Total Approach Volume: 2,793

#### Southbound: CR 53

Number of Lanes : 1

Total Approach Volume: 2,946

### Minor Street Approaches

#### Eastbound: 103rd Ln

Number of Lanes : 1

Total Approach Volume: 1,039

#### Westbound:

Number of Lanes : 2+

Total Approach Volume: 0

### Warrant Summary (Urban Values Apply)

**Criteria A - Interim Measure**..... **Not Evaluated**  
If traffic signals are justified, stop signs can be installed as an interim measure.

**Criteria B - Crash Experience**..... **Not Satisfied**  
Number of crashes (-1) is less than minimum required (5).

**Criteria C - Minimum Volumes and Delays**..... **Not Satisfied**  
Average of 8 highest hours is less than volume criteria.

**Criteria D - 80% of Volumes, Delays, and Crashes**..... **Not Satisfied**  
Number of crashes (-1) is less than minimum required (4).  
Average of 8 highest hours is less than volume criteria.

### Criteria C Volume Summary

| Time          | Major Total | Major Avg | Minor Total | Minor Avg | Major Crit | Minor Crit | Meets? |
|---------------|-------------|-----------|-------------|-----------|------------|------------|--------|
| 07:00 - 08:00 | 800         | 471.0     | 37          | 81.5      | 300        | 200        | No     |
| 15:45 - 16:45 | 617         |           | 131         |           |            |            |        |
| 14:30 - 15:30 | 530         |           | 206         |           |            |            |        |
| 16:45 - 17:45 | 527         |           | 83          |           |            |            |        |
| 17:45 - 18:45 | 378         |           | 42          |           |            |            |        |
| 13:30 - 14:30 | 313         |           | 60          |           |            |            |        |
| 08:30 - 09:30 | 326         |           | 35          |           |            |            |        |
| 18:45 - 19:45 | 277         |           | 58          |           |            |            |        |
| 10:45 - 11:45 | 254         |           | 79          |           |            |            |        |
| 12:00 - 13:00 | 263         |           | 43          |           |            |            |        |
| 19:45 - 20:45 | 197         |           | 89          |           |            |            |        |
| 09:30 - 10:30 | 228         |           | 40          |           |            |            |        |

### Criteria D Volume Summary

| Time          | Major Total | Major Avg | Minor Total | Minor Avg | Major Crit | Minor Crit | Meets? |
|---------------|-------------|-----------|-------------|-----------|------------|------------|--------|
| 07:00 - 08:00 | 800         | 471.0     | 37          | 81.5      | 240        | 160        | No     |
| 15:45 - 16:45 | 617         |           | 131         |           |            |            |        |
| 14:30 - 15:30 | 530         |           | 206         |           |            |            |        |
| 16:45 - 17:45 | 527         |           | 83          |           |            |            |        |
| 17:45 - 18:45 | 378         |           | 42          |           |            |            |        |
| 13:30 - 14:30 | 313         |           | 60          |           |            |            |        |
| 08:30 - 09:30 | 326         |           | 35          |           |            |            |        |
| 18:45 - 19:45 | 277         |           | 58          |           |            |            |        |
| 10:45 - 11:45 | 254         |           | 79          |           |            |            |        |
| 12:00 - 13:00 | 263         |           | 43          |           |            |            |        |
| 19:45 - 20:45 | 197         |           | 89          |           |            |            |        |
| 09:30 - 10:30 | 228         |           | 40          |           |            |            |        |