

2017 TRAFFIC SIGNAL PRIORITY LIST

In accordance with criteria adopted by the transportation commission and common council

|          |                                                                                                                                            | Overall<br>%<br><br>Below<br>Warrant | WARRANT 1-A  |          |              |          | WARRANT 1-B  |          |              |          | CRASHES                              |                                   |               | Pedestrian<br>Warrant | Peak<br>Hour<br>Warrant A | Peak<br>Hour<br>Warrant B | 4 Hour<br>Warrant | Comments      |
|----------|--------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|--------------|----------|--------------|----------|--------------|----------|--------------|----------|--------------------------------------|-----------------------------------|---------------|-----------------------|---------------------------|---------------------------|-------------------|---------------|
|          |                                                                                                                                            |                                      | Major Street |          | Minor Street |          | Major Street |          | Minor Street |          | # With<br>Property<br>Damage<br>Only | #<br>With<br>Personal<br>Injuries | Crash<br>Rate |                       |                           |                           |                   |               |
| Location |                                                                                                                                            |                                      | #<br>Hrs.    | %<br>Met | #<br>Hrs.    | %<br>Met | #<br>Hrs.    | %<br>Met | #<br>Hrs.    | %<br>Met |                                      |                                   |               |                       |                           |                           |                   |               |
|          | Side Street Stop Controlled Intersections Studied but Not Meeting the Minimum Numerical Requirements of either Warrant 1-A or Warrant 1-B. |                                      |              |          |              |          |              |          |              |          |                                      |                                   |               |                       | % Met                     |                           |                   |               |
| 1        | Cottage Grove (CTH BB) & Thompson (D-3, 16)                                                                                                | -16                                  | 13           | 154      | 0            | 44       | 6            | 92       | 3            | 92       | 1                                    | 0                                 | 0.16          | N                     | -                         | N                         | N-3 HRS           | F             |
| 2        | Junction and Driveway at Target (D-9)                                                                                                      | -18                                  | 13           | 150      | 0            | 41       | 7            | 100      | 5+           | 82       | 0                                    | 0                                 | 0             | N                     | -                         | N                         | N-2 HRS           | D E           |
| 3        | Fordem & Sherman (D-12)                                                                                                                    | -18                                  | 10           | 135      | 4            | 82       | 1            | 73       | 8+           | 194      | 0                                    | 0                                 | 0             | N                     | -                         | Y                         | Y-5 HRS           | A C E         |
| 4        | Butler & Gorham (D-2)                                                                                                                      | -25                                  | 14           | 106      | 0            | 48       | 11           | 112      | 1            | 95       | 1                                    | 0                                 | 0.13          | N                     | -                         | N                         | N-1 HRS           | B             |
| 5        | Franklin & Johnson (D-2)                                                                                                                   | -25                                  | 15           | 321      | 0            | 29       | 12           | 214      | 0            | 75       | 0                                    | 0                                 | 0             | N                     | -                         | N                         | N-0 HRS           | E             |
| 6        | Commerce & Watts (D-9)                                                                                                                     | -32                                  | 4            | 81       | 1            | 87       | 0            | 59       | 8+           | 190      | 1                                    | 0                                 | 0.20          | N                     | 15%                       | N                         | N-0 HRS           | D F           |
| 7        | Schroeder & Struck (D-19, 20)                                                                                                              | -33                                  | 6            | 117      | 2+           | 64       | 1            | 67       | 6+           | 157      | 0                                    | 0                                 | 0             | N                     | -                         | N                         | N-2 HRS           | D, F          |
| 8        | Bedford & North Shore (D-4)                                                                                                                | -38                                  | 15           | 173      | 0            | 31       | 12           | 115      | 1            | 62       | 0                                    | 0                                 | 0             | N                     | -                         | N                         | N-0 HRS           | D E           |
| 9        | Dickinson & Williamson (D-6)                                                                                                               | -39                                  | 14           | 132      | 0            | 31       | 7            | 160      | 0            | 61       | 0                                    | 0                                 | 0             | N                     | -                         | N                         | N-0 HRS           | E             |
| 10       | Mesta & Thompson (D-15, 17)                                                                                                                | -40                                  | 10           | 105      | 0            | 33       | 5            | 84       | 0            | 76       | 0                                    | 0                                 | 0             | N                     | -                         | N                         | N-0 HRS           | F             |
| 11       | Packers & Sixth (D-12)                                                                                                                     | -40                                  | 16           | 350      | 0            | 30       | 14           | 233      | 1            | 60       | 0                                    | 0                                 | 0             | N                     | -                         | N                         | N-0 HRS           | E             |
| 12       | Edgewood & Monroe (D-13)                                                                                                                   | -41                                  | 15           | 218      | 0            | 31       | 10           | 92       | 0            | 67       | 1                                    | 0                                 | 0.15          | N                     | -                         | N                         | N-0 HRS           | A B C E F     |
| 13       | Henry & West Washington (D-4)                                                                                                              | -42                                  | 10           | 109      | 0            | 34       | 4            | 82       | 2            | 76       | 0                                    | 0                                 | 0             | N                     | -                         | N                         | N-0 HRS           | A, B, D, E, F |
| 14       | Doty & Pickney (D-4)                                                                                                                       | -43                                  | 12           | 142      | 0            | 32       | 6            | 80       | 1            | 77       | 0                                    | 0                                 | 0             | N                     | -                         | N                         | N-0 HRS           |               |
| 15       | Old Middleton & Rosa (D-11, 19)                                                                                                            | -44                                  | 11           | 110      | 2            | 56       | 5            | 73       | 6+           | 42       | 0                                    | 0                                 | 0             | N                     | -                         | N                         | N-2 HRS           |               |
| 16       | Atwood, Miller & Waubesa (D-6)                                                                                                             | -44                                  | 16           | 241      | 0            | 28       | 12           | 161      | 0            | 56       | 1                                    | 0                                 | 0.14          | N                     | -                         | N                         | N-0 HRS           | A E           |
| 17       | Gammon & McKenna & New Washburn (D-1)                                                                                                      | -46                                  | 16           | 211      | 0            | 27       | 13           | 141      | 0            | 54       | 1                                    | 1                                 | 0.27          | N                     | -                         | N                         | N-0 HRS           |               |
| 18       | Northport & School (D-18)                                                                                                                  | -46                                  | 15           | 335      | 0            | 27       | 14           | 223      | 1            | 54       | 1                                    | 0                                 | 0.09          | N                     | -                         | N                         | N-0 HRS           | B E           |
| 19       | Appleton & Fish Hatchery (D-13)                                                                                                            | -47                                  | 15           | 186      | 0            | 27       | 13           | 127      | 0            | 53       | 0                                    | 0                                 | 0             | N                     | -                         | N                         | N-0 HRS           | A E F         |
| 20       | Odana & Medical Circle (D-19)                                                                                                              | -48                                  | 14           | 220      | 0            | 26       | 11           | 147      | 0            | 52       | 0                                    | 0                                 | 0             | N                     | -                         | N                         | N-0 HRS           | D             |
| 21       | McKenna & Morraine View (D-1)                                                                                                              | -48                                  | 15           | 186      | 0            | 26       | 12           | 124      | 0            | 52       | 2                                    | 0                                 | 0.29          | N                     | -                         | N                         | N-0 HRS           |               |
| 22       | Lien & Thierer (D-17)                                                                                                                      | -49                                  | 2            | 82       | 2            | 69       | 0            | 49       | 8+           | 162      | 0                                    | 0                                 | 0             | N                     | -                         | N                         | N-0 HRS           |               |
| 23       | American Pkwy & American Family Dr (D-17)                                                                                                  | -50                                  | 13           | 140      | 2+           | 29       | 5            | 93       | 4+           | 57       | 4                                    | 4                                 | 1.53          | N                     | 10%                       | N                         | N-0 HRS           | D E F         |
| 24       | Elderberry & Junction (D-9)                                                                                                                | -50                                  | 13           | 191      | 0            | 26       | 11           | 95       | 0            | 55       | 0                                    | 0                                 | 0             | N                     | -                         | Y                         | Y-8 HRS           | E             |
| 25       | DickInson & East Washington (D-2, 6)                                                                                                       | -50                                  | 19           | 601      | 0            | 25       | 17           | 400      | 0            | 50       | 1                                    | 0                                 | 0.05          | N                     | -                         | Y                         | N-2 HRS           | A E           |
| 26       | Gammon, Longmeadow & Stonefield (D-19)                                                                                                     | -51                                  | 12           | 165      | 0            | 29       | 2            | 115      | 0            | 49       | 0                                    | 0                                 | 0             | N                     | -                         | N                         | N-0 HRS           | D E           |
| 27       | Milwaukee - Walbridge (D-3, 15)                                                                                                            | -52                                  | 15           | 233      | 0            | 24       | 9            | 109      | 0            | 48       | 0                                    | 2                                 | 0.25          | N                     | 31%                       | N                         | N-0 HRS           | D, E          |
| 28       | Ray-O-Vac & Schroeder (D-19, 20)                                                                                                           | -52                                  | 7            | 93       | 0            | 43       | 1            | 62       | 4            | 86       | 0                                    | 0                                 | 0             | N                     | -                         | N                         | N-0 HRS           |               |
| 29       | Milwaukee & Waubesa (D-6)                                                                                                                  | -52                                  | 6            | 91       | 0            | 41       | 0            | 54       | 5            | 94       | 1                                    | 1                                 | 0.49          | N                     | -                         | N                         | N-0 HRS           |               |
| 30       | Broom & Dayton (D-4)                                                                                                                       | -53                                  | 7            | 92       | 0            | 41       | 0            | 59       | 2            | 88       | 3                                    | 0                                 | 0.71          | N                     | -                         | N                         | N-0 HRS           |               |
| 31       | Milwaukee & Schenk (D-15)                                                                                                                  | -53                                  | 14           | 170      | 0            | 24       | 11           | 113      | 4            | 47       | 0                                    | 0                                 | 0             | N                     | -                         | N                         | N-1 HRS           | E             |
| 32       | Carroll & Doty (D-4)                                                                                                                       | -53                                  | 12           | 135      | 0            | 25       | 5            | 102      | 3            | 47       | 0                                    | 0                                 | 0             | N                     | -                         | Y                         | N-3 HRS           | E             |
| 33       | Sherman & Trailsway (D-12)                                                                                                                 | -53                                  | 11           | 151      | 0            | 31       | 3            | 82       | 0            | 65       | 0                                    | 0                                 | 0             | N                     | -                         | N                         | N-0 HRS           |               |
| 34       | Bassett & Dayton (D-4)                                                                                                                     | -54                                  | 2            | 84       | 0            | 44       | 0            | 58       | 6+           | 88       | 0                                    | 2                                 | 0.46          | N                     | -                         | N                         | N-1 HRS           | E             |
| 35       | Heartland & Old Sauk (D-9)                                                                                                                 | -55                                  | 4            | 67       | 4+           | 68       | 1            | 45       | 6+           | 300      | 1                                    | 1                                 | 0.37          | N                     | -                         | N                         | N-2 HRS           |               |

|    | Location                                       | Overall<br>%<br>Below<br>Warrant | WARRANT 1-A  |          |              |          | WARRANT 1-B  |          |              |          | CRASHES                              |                                   |               | Pedestrian<br>Warrant | Peak<br>Hour<br>Warrant A | Peak<br>Hour<br>Warrant B | 4 Hour<br>Warrant | Comments      |
|----|------------------------------------------------|----------------------------------|--------------|----------|--------------|----------|--------------|----------|--------------|----------|--------------------------------------|-----------------------------------|---------------|-----------------------|---------------------------|---------------------------|-------------------|---------------|
|    |                                                |                                  | Major Street |          | Minor Street |          | Major Street |          | Minor Street |          | # With<br>Property<br>Damage<br>Only | #<br>With<br>Personal<br>Injuries | Crash<br>Rate |                       |                           |                           |                   |               |
|    |                                                |                                  | #<br>Hrs.    | %<br>Met | #<br>Hrs.    | %<br>Met | #<br>Hrs.    | %<br>Met | #<br>Hrs.    | %<br>Met |                                      |                                   |               |                       |                           |                           |                   |               |
| 36 | Carroll & Dayton (D-4)                         | -56                              | 5            | 95       | 0            | 39       | 0            | 90       | 4+           | 54       | 0                                    | 0                                 | 0             | N                     | -                         | N                         | N-0 HRS           | E F           |
| 37 | Blount & Williamson (D-6)                      | -56                              | 15           | 277      | 0            | 22       | 14           | 185      | 0            | 44       | 1                                    | 0                                 | 0.14          | N                     | -                         | N                         | N-1 HRS           | A E F         |
| 38 | Prairie & Raymond (D-20)                       | -57                              | 8            | 88       | 1            | 44       | 4            | 82       | 2            | 61       | 3                                    | 0                                 | 0.48          | N                     | 29%                       | N                         | N-1 HRS           | F             |
| 39 | Milwaukee-Wittwer (D-3, 15)                    | -57                              | 14           | 183      | 0            | 22       | 9            | 122      | 2            | 43       | 0                                    | 0                                 | 0             | N                     | 5%                        | N                         | N-0 HRS           |               |
| 40 | Marquette & Milwaukee (D-6)                    | -57                              | 13           | 162      | 0            | 23       | 7            | 123      | 0            | 41       | 0                                    | 0                                 | 0             | N                     | -                         | N                         | N-0 HRS           | F             |
| 41 | Gilman & Wisconsin (D-2)                       | -57                              | 0            | 65       | 2            | 54       | 0            | 43       | 8+           | 108      | 2                                    | 0                                 | 0.63          | N                     | -                         | N                         | N-0 HRS           | E             |
| 42 | Milwaukee & Oak (D-6)                          | -59                              | 6            | 91       | 0            | 41       | 0            | 60       | 0            | 81       | 0                                    | 0                                 | 0             | N                     | 24%                       | N                         | N-0 HRS           | F             |
| 43 | Main & Proudfit (D-4)                          | -61                              | 15           | 174      | 0            | 19       | 12           | 116      | 0            | 39       | 1                                    | 1                                 | 0.24          | N                     | -                         | N                         | N-0 HRS           | A, D, E, F    |
| 44 | Knickerbocker & Monroe (D-13)                  | -61                              | 14           | 289      | 0            | 19       | 12           | 192      | 0            | 39       | 1                                    | 1                                 | 0.24          | N                     | -                         | N                         | N-0 HRS           | A D E         |
| 45 | Odana Lane & Odana Rd (D-10)                   | -61                              | 14           | 149      | 0            | 20       | 11           | 99       | 0            | 40       | 0                                    | 0                                 | 0             | N                     | -                         | N                         | N-0 HRS           |               |
| 46 | Monona (CTH BB), Panther & Tompkins (D-16)     | -62                              | 15           | 294      | 0            | 21       | 14           | 175      | 0            | 38       | 0                                    | 0                                 | 0             | N                     | -                         | N                         | N-0 HRS           | A B E F       |
| 47 | Atwood - Sugar - Oakridge (D-6)                | -63                              | 14           | 151      | 0            | 19       | 12           | 101      | 0            | 37       | 0                                    | 0                                 | 0             | N                     | 5%                        | N                         | N-0 HRS           |               |
| 48 | Knutson-Northport (D-18)                       | -64                              | 13           | 197      | 0            | 18       | 13           | 131      | 0            | 36       | 0                                    | 0                                 | 0             | N                     | -                         | N                         | N-0 HRS           | E F           |
| 49 | Few & Williamson (D-6)                         | -64                              | 15           | 181      | 0            | 20       | 10           | 89       | 0            | 47       | 0                                    | 0                                 | 0             | N                     | -                         | N                         | N-0 HRS           | A E           |
| 50 | East Park Blvd & East Terrace Dr (D-17)        | -64                              | 4            | 54       | 3            | 69       | 0            | 36       | 6+           | 137      | 2                                    | 0                                 | 0.11          | N                     | -                         | N                         | N-0 HRS           | D F           |
| 51 | Marsh & Siggelkow (D-16)                       | -64                              | 3            | 67       | 2            | 43       | 0            | 40       | 6+           | 96       | 0                                    | 0                                 | 0             | N                     | -                         | N                         | N-1 HRS           | D             |
| 52 | Carver & Fish Hatchery (CTH D) (D-14)          | -65                              | 17           | 270      | 0            | 18       | 14           | 180      | 0            | 35       | 0                                    | 0                                 | 0             | N                     | 12%                       | N                         | N-0 HRS           | D             |
| 53 | Raymond Rd & S. Gammon Rd (D-7)                | -65                              | 2            | 55       | 2            | 74       | 0            | 35       | 8+           | 167      | 1                                    | 3                                 | 1.28          | N                     | -                         | N                         | N-1 HRS           | A, B, C, D, E |
| 54 | Packers & Schlimgen (D-12)                     | -67                              | 20           | 498      | 0            | 16       | 18           | 332      | 0            | 33       | 0                                    | 0                                 | 0             | N                     | 10%                       | N                         | N-0 HRS           | C E F         |
| 55 | Odana & West Platte (D-19)                     | -68                              | 14           | 214      | 0            | 16       | 11           | 142      | 0            | 32       | 1                                    | 1                                 | 0.19          | N                     | -                         | N                         | N-0 HRS           | A B D E F     |
| 56 | Fairchild & Mifflin (D-4)                      | -68                              | 7            | 98       | 0            | 34       | 0            | 65       | 3            | 67       | 0                                    | 0                                 | 0             | N                     | -                         | N                         | N-0 HRS           |               |
| 57 | Big Sky, Mineral Point & Tree (D-9)            | -68                              | 16           | 400      | 0            | 16       | 16           | 267      | 0            | 32       | 1                                    | 1                                 | 0.18          | N                     | -                         | N                         | N-0 HRS           | A C E F       |
| 58 | Cottage Grove (CTH BB) & Mc Lean (D-3, 16)     | -69                              | 11           | 109      | 0            | 29       | 5            | 73       | 0            | 58       | 0                                    | 0                                 | 0             | N                     | -                         | N                         | N-0 HRS           |               |
| 59 | Gorham & Henry (D-2, 4)                        | -69                              | 16           | 229      | 0            | 16       | 15           | 153      | 0            | 31       | 0                                    | 0                                 | 0             | N                     | -                         | N                         | N-0 HRS           | E             |
| 60 | Bedford & Main (D-4)                           | -69                              | 0            | 57       | 0            | 55       | 0            | 31       | +5           | 127      | 0                                    | 0                                 | 0             | N                     | -                         | N                         | N-0 HRS           |               |
| 61 | Blackhawk, Erdman & University (CTH MS) (D-11) | -70                              | 18           | 403      | 0            | 15       | 16           | 234      | 0            | 30       | 0                                    | 1                                 | 0.05          | N                     | -                         | N                         | N-0 HRS           | A D E F       |
| 62 | Raymond Rd & Muir Field (D-1, D-7)             | -71                              | 2            | 55       | 2            | 59       | 0            | 29       | 6+           | 144      | 0                                    | 1                                 | 0.28          | N                     | -                         | N                         | N-1 HRS           | A, B, C, D, E |
| 63 | Badger & Cypress (D-14)                        | -72                              | 1            | 90       | 0            | 33       | 0            | 49       | 3+           | 79       | 0                                    | 0                                 | 0             | N                     | -                         | N                         | N-0 HRS           |               |
| 64 | Mandrake & Northport (D-18)                    | -73                              | 16           | 204      | 0            | 14       | 15           | 136      | 0            | 27       | 0                                    | 0                                 | 0             | N                     | -                         | N                         | N-0 HRS           |               |
| 65 | Gilbert & Whitney (D-10, 20)                   | -73                              | 16           | 192      | 0            | 13       | 12           | 128      | 0            | 27       | 0                                    | 1                                 | 0.11          | N                     | -                         | N                         | N-0 HRS           | A D E F       |
| 66 | Mineral Point & Owens (D-11)                   | -74                              | 14           | 115      | 0            | 14       | 12           | 134      | 0            | 26       | 0                                    | 0                                 | 0             | N                     | -                         | N                         | N-0 HRS           | ABE           |
| 67 | American Parkway & Tancho (D-17)               | -76                              | 6            | 96       | 0            | 28       | 1            | 55       | 1            | 69       | 0                                    | 0                                 | 0             | N                     | -                         | N                         | N-0 HRS           | D E F         |
| 68 | MLK Jr. & Wilson (D-4)                         | -76                              | 4            | 69       | 0            | 39       | 0            | 46       | 4            | 78       | 0                                    | 0                                 | 0             | N                     | -                         | N                         | N-0 HRS           |               |
| 69 | Gammon , Ponwood & Sawmill (D-19)              | -77                              | 13           | 137      | 0            | 16       | 7            | 91       | 0            | 32       | 0                                    | 0                                 | 0             | N                     | -                         | N                         | N-0 HRS           |               |
| 70 | Elderberry & Pleasant View (D-9)               | -77                              | 10           | 115      | 0            | 21       | 4            | 73       | 0            | 50       | 0                                    | 0                                 | 0             | N                     | -                         | N                         | N-0 HRS           | D             |
| 71 | Aberg & Huxley (D-12)                          | -78                              | 9            | 107      | 0            | 22       | 1            | 79       | 2            | 40       | 0                                    | 0                                 | 0             | N                     | -                         | N                         | N-0 HRS           | F             |
| 72 | Kelab & Segoe (D-11)                           | -79                              | 8            | 99       | 0            | 22       | 0            | 66       | 0            | 44       | 0                                    | 0                                 | 0             | N                     | -                         | N                         | N-0 HRS           | E F           |
| 73 | Eau Claire & Old Middleton (D-11, 19)          | -79                              | 13           | 122      | 0            | 16       | 6            | 80       | 0            | 41       | 0                                    | 0                                 | 0             | N                     | -                         | N                         | N-0 HRS           |               |
| 74 | Blue Ridge & Old Sauk (D-19)                   | -80                              | 9            | 161      | 0            | 20       | 2            | 70       | 0            | 42       | 0                                    | 0                                 | 0             | N                     | -                         | N                         | N-0 HRS           |               |
| 75 | Cottage Grove & Ellen (D-3, 16)                | -81                              | 6            | 83       | 0            | 29       | 2            | 70       | 6            | 49       | 0                                    | 0                                 | 0             | N                     | -                         | N                         | N-0 HRS           |               |
| 76 | East Pass, Maple Grove & Westin (D-7)          | -82                              | 4            | 80       | 0            | 33       | 2            | 53       | 2            | 65       | 0                                    | 0                                 | 0             | N                     | -                         | N                         | N-0 HRS           |               |
| 77 | McKenna & Pilgrim (D-1, 20)                    | -82                              | 6            | 82       | 0            | 36       | 2            | 64       | 1            | 49       | 0                                    | 0                                 | 0             | N                     | -                         | N                         | N-0 HRS           |               |
| 78 | Gammon & Farmington Way (D-9, 19)              | -82                              | 14           | 220      | 0            | 11       | 10           | 122      | 0            | 18       | 0                                    | 0                                 | 0             | N                     | -                         | N                         | N-0 HRS           |               |
| 79 | Johnson & Sixth (D-12)                         | -83                              | 0            | 75       | 0            | 34       | 0            | 51       | 0            | 66       | 0                                    | 0                                 | 0             | N                     | -                         | N                         | N-0 HRS           |               |
| 80 | Commercial & Mesta (D-3, 15, 17)               | -83                              | 5            | 88       | 0            | 29       | 0            | 59       | 0            | 57       | 1                                    | 0                                 | 0.29          | N                     | -                         | N                         | N-0 HRS           |               |

|    | Location                                     | Overall<br>%<br>Below<br>Warrant | WARRANT 1-A  |          |              |          | WARRANT 1-B  |          |              |          | CRASHES                              |                                   |               | Pedestrian<br>Warrant | Peak<br>Hour<br>Warrant A | Peak<br>Hour<br>Warrant B | 4 Hour<br>Warrant | Comments             |
|----|----------------------------------------------|----------------------------------|--------------|----------|--------------|----------|--------------|----------|--------------|----------|--------------------------------------|-----------------------------------|---------------|-----------------------|---------------------------|---------------------------|-------------------|----------------------|
|    |                                              |                                  | Major Street |          | Minor Street |          | Major Street |          | Minor Street |          | # With<br>Property<br>Damage<br>Only | #<br>With<br>Personal<br>Injuries | Crash<br>Rate |                       |                           |                           |                   |                      |
|    |                                              |                                  | #<br>Hrs.    | %<br>Met | #<br>Hrs.    | %<br>Met | #<br>Hrs.    | %<br>Met | #<br>Hrs.    | %<br>Met |                                      |                                   |               |                       |                           |                           |                   |                      |
| 81 | Hancock & Johnson                            | -84                              | 15           | 0        | 0            | 0        | 13           | 97       | 0            | 13       | 0                                    | 0                                 | 0             | N                     | -                         | N                         | N-0 HRS           | F<br>A E F<br>F<br>F |
| 82 | Mineral Point & Westmorland (D-11)           | -85                              | 14           | 171      | 0            | 8        | 12           | 114      | 0            | 15       | 0                                    | 0                                 | 0             | N                     | -                         | N                         | N-0 HRS           |                      |
| 83 | Milwaukee & Swanton (D-3, 15)                | -85                              | 10           | 108      | 0            | 15       | 2            | 72       | 0            | 31       | 0                                    | 0                                 | 0             | N                     | -                         | N                         | N-0 HRS           |                      |
| 84 | Hammersley & McKenna (D-1, 20)               | -85                              | 11           | 153      | 0            | 7        | 8            | 102      | 0            | 15       | 0                                    | 0                                 | 0             | N                     | 20%                       | N                         | N-0 HRS           |                      |
| 85 | Roth & Sherman (D-12)                        | -86                              | 14           | 121      | 0            | 7        | 11           | 107      | 0            | 14       | 0                                    | 0                                 | 0             | N                     | -                         | N                         | N-0 HRS           |                      |
| 86 | Cottage Grove & McClellan (CTH BB) (D-3, 16) | -88                              | 6            | 94       | 0            | 18       | 2            | 65       | 0            | 29       | 0                                    | 0                                 | 0             | N                     | -                         | N                         | N-0 HRS           | D                    |
| 87 | Regent & Roby (D-5)                          | -88                              | 13           | 190      | 0            | 7        | 8            | 106      | 0            | 12       | 0                                    | 0                                 | 0             | N                     | -                         | N                         | N-0 HRS           |                      |
| 88 | Corporate Dr & Blettner (D-15)               | -95                              | 3            | 68       | 0            | 30       | 0            | 45       | 3            | 60       | 0                                    | 0                                 | 0             | N                     | -                         | N                         | N-0 HRS           |                      |
| 89 | Odana & Segoe (D-10)                         | -95                              | 12           | 103      | 0            | 5        | 5            | 83       | 0            | 16       | 0                                    | 0                                 | 0             | N                     | -                         | N                         | N-0 HRS           |                      |
| 90 | Buckeye (CTH AB) & Thompson (D-16)           | -104                             | 3            | 72       | 0            | 24       | 0            | 48       | 2            | 47       | 0                                    | 0                                 | 0             | N                     | -                         | N                         | N-0 HRS           |                      |
| 91 | Hoepker Rd & Manufacturers (D-17)            | -116                             | 3            | 61       | 0            | 21       | 0            | 41       | 1            | 43       | 0                                    | 0                                 | 0             | N                     | -                         | N                         | N-0 HRS           | D                    |
| 92 | Hickory & Olin (D-13)                        | -117                             | 1            | 71       | 0            | 12       | 0            | 44       | 0            | 25       | 0                                    | 0                                 | 0             | N                     | -                         | N                         | N-0 HRS           |                      |
| 93 | Marston & Sherman (D-2)                      | -122                             | 3            | 67       | 0            | 11       | 0            | 41       | 0            | 25       | 0                                    | 0                                 | 0             | N                     | -                         | N                         | N-0 HRS           |                      |
| 94 | Jeffy & Midtown (D-1)                        | -127                             | 1            | 59       | 0            | 14       | 0            | 40       | 0            | 27       | 0                                    | 0                                 | 0             | N                     | -                         | N                         | N-0 HRS           |                      |
| 95 | Midtown, Hawks Landing & Hawks Ridge (D-1)   | -129                             | 0            | 47       | 0            | 20       | 0            | 29       | 0            | 42       | 0                                    | 0                                 | 0             | N                     | -                         | N                         | N-0 HRS           |                      |
| 96 | Mayfield & Sherman (D-12, 18)                | -132                             | 1            | 64       | 0            | 4        | 0            | 40       | 0            | 13       | 0                                    | 0                                 | 0             | N                     | -                         | N                         | N-0 HRS           |                      |

|                                                                                                                       | ALL-WAY STOP INTERSECTIONS STUDIED                   |     |    |     |    |     |    |     |    |     |   |   |      |   |     |   |         |     |
|-----------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|-----|----|-----|----|-----|----|-----|----|-----|---|---|------|---|-----|---|---------|-----|
| 1                                                                                                                     | Highland, Regent & Speedway (D-5, 13)                | 27  | 13 | 141 | 11 | 127 | 5  | 94  | 16 | 254 | 1 | 0 | 0.14 | N | -   | Y | Y-9 HRS | B C |
| 2                                                                                                                     | Swanton & Thompson (D-3, 15)                         | -22 | 2  | 78  | 8+ | 153 | 0  | 52  | 8+ | 307 | 0 | 0 | 0    | N | -   | Y | Y-4 HRS | C   |
| 3                                                                                                                     | Agriculture & Femrite (D-16)                         | -27 | 7  | 106 | 2  | 73  | 0  | 64  | 8+ | 162 | 0 | 0 | 0    | N | 31% | N | N-0 HRS |     |
| 4                                                                                                                     | Milwaukee-Sprecher (D-3)                             | -32 | 8  | 118 | 3  | 61  | 3  | 68  | 8+ | 109 | 0 | 0 | 0    | N | -   | N | N-3 HRS |     |
| 5                                                                                                                     | American Pkwy, Hoepker & Rattman (D-17)              | -34 | 2  | 66  | 8+ | 100 | 0  | 44  | 8+ | 200 | 1 | 0 | 0.20 | N | -   | N | N-1 HRS | F   |
| 6                                                                                                                     | Old Middleton & Old Sauk (D-11, 19)                  | -34 | 4  | 89  | 2  | 77  | 1  | 59  | 8+ | 154 | 0 | 0 | 0    | N | -   | N | Y-4 HRS | B F |
| 7                                                                                                                     | Buckeye (AB) & Vondron (D-16)                        | -50 | 5  | 70  | 3  | 70  | 0  | 50  | 7+ | 124 | 0 | 0 | 0    | N | -   | N | N-0 HRS |     |
| 8                                                                                                                     | High Point & Midtown (D-1)                           | -54 | 0  | 48  | 6+ | 98  | 0  | 33  | 7+ | 217 | 1 | 0 | 0.22 | N | -   | Y | N-1 HRS |     |
| 9                                                                                                                     | Cross Country Rd - Maple Grove Dr - Nesbitt Rd (D-7) | -55 | 4  | 66  | 7  | 79  | 0  | 44  | 8+ | 157 | 2 | 0 | 0.42 | N | -   | N | N-3 HRS |     |
| 10                                                                                                                    | Commercial & Nakoosa (D-15)                          | -78 | 0  | 33  | 0  | 55  | 0  | 22  | 7+ | 110 | 0 | 0 | 0    | N | -   | N | N-0 HRS |     |
| TWO-WAY STOP INTERSECTIONS STUDIED AND MEETING THE MINIMUM NUMERAL REQUIREMENTS OF EITHER WARRANT 1-A OR WARRANT 1-B. |                                                      |     |    |     |    |     |    |     |    |     |   |   |      |   |     |   |         |     |
| 1                                                                                                                     | Carroll & Gorham (D-2, 4)                            | 29  | 16 | 178 | 0  | 67  | 11 | 162 | 8  | 129 | 1 | 0 | 0.11 | N | -   | N | Y-4 HRS | E F |

Warrant 1-A: Eight-Hour Vehicular Volume: Condition A-Minimum Vehicular Volume

Warrant 1-B: Eight0Hour Vehicular Volume: Condition B-Interruption of Continuous Traffic

Y=Yes N=No

Accident Rate: Number of accidents "preventable" with traffic signals per million entering vehicles.

Peak Hour Warrant A: Total vehicle hours of delay is listed for intersections where delay data was collected.

4-Hour Warrant: Number of hours shown are those that exceed the volume thresholds.

The intersections that do not meet the minimum numerical Warrant are listed in order of "closeness" to meeting either Warrant 1-A or Warrant 1-B.

Both the Major and Minor street volumes must meet 100% of the minimum Warrant in order to be classified as "meeting the minimum numerical Warrant."

**Key to Comments:**

A = Signal coordination problems

B = Geometric problems

C = Intersection reconstruction needs to be considered.

D = Part of cost could be assessed to benefitting property owners.

E = Coordination with adjacent signals is necessary.

F = "Side Street" volumes adjusted for high right-turn percentage.