

## Intersection Mobility and Safety Study Needs Assessment

| Intersection                                   | Overall Score | Total Delay | Peak Delay | Cross Street Delay | Crash Cost | Severe Crash Rate | SPACE Score | Passenger Delay | Tier |
|--|---------------|-------------|------------|--------------------|------------|-------------------|-------------|-----------------|------|
| 6TH AVE N & HIGHWAY 55 & LYNDALE AVE N         | 346.2         | 5.4         | 5.4        | 4.2                | 9.4        | 9.9               | 10.0        | 10.0            | High |
| HWY 51 & CRB                                   | 344.2         | 9.2         | 5.1        | 9.8                | 7.2        | 6.4               | 8.1         | 9.1             | High |
| HIGHWAY 55 & PENN AVE N                        | 325.0         | 5.6         | 4.0        | 7.6                | 9.0        | 9.5               | 7.5         | 9.7             | High |
| CSAH 23 (CEDAR AVE) & CSAH 42                  | 305.6         | 9.5         | 9.1        | 10.0               | 9.2        | 4.5               | 5.6         | 2.3             | High |
| 46TH ST E & HIAWATHA AVE                       | 294.3         | 6.1         | 4.5        | 6.6                | 7.9        | 9.8               | 6.3         | 9.3             | High |
| TH 252 & 85TH AVE                              | 288.9         | 7.8         | 6.8        | 9.0                | 9.2        | 1.7               | 6.3         | 9.2             | High |
| TH 169 & MAIN ST                               | 277.4         | 9.2         | 9.1        | 9.4                | 9.2        | 3.8               | 6.9         | 0.0             | High |
| 26TH ST E & HIAWATHA AVE                       | 277.1         | 9.3         | 9.5        | 1.8                | 9.4        | 9.4               | 7.5         | 0.0             | High |
| HIGHWAY 55 & LYNDALE AVE N                     | 266.0         | 2.1         | 0.6        | 3.4                | 9.6        | 9.2               | 10.0        | 9.9             | High |
| TH 65 NE & OSBORNE RD                          | 254.6         | 5.3         | 4.0        | 6.0                | 8.2        | 9.3               | 7.5         | 6.6             | High |
| TH 252 & 66TH AVE                              | 251.6         | 4.5         | 4.0        | 4.3                | 10.0       | 5.8               | 8.1         | 9.1             | High |
| TH 65 & 109TH AVE                              | 247.8         | 9.1         | 6.9        | 9.2                | 9.1        | 3.6               | 6.9         | 0.0             | High |
| CSAH 42 & CSAH 5                               | 244.9         | 9.2         | 8.8        | 9.2                | 8.0        | 2.3               | 6.3         | 0.0             | High |
| 38TH ST E & HIAWATHA AVE                       | 241.5         | 9.6         | 9.6        | 0.8                | 2.8        | 4.1               | 6.9         | 9.1             | High |
| TH 65 & 99TH AVE                               | 240.7         | 9.1         | 9.4        | 3.9                | 9.2        | 5.7               | 6.3         | 0.0             | High |
| 35TH ST E & HIAWATHA AVE                       | 237.5         | 9.6         | 9.5        | 4.5                | 6.4        | 7.3               | 6.9         | 0.0             | High |
| TH 65 & 93RD LN                                | 231.5         | 8.9         | 9.2        | 6.5                | 9.3        | 3.6               | 5.0         | 0.0             | High |
| TH 169 & SCHOOL ST                             | 230.4         | 8.3         | 6.0        | 9.0                | 9.1        | 4.7               | 6.3         | 0.0             | High |
| CSAH 23 (CEDAR AVE) & 140TH ST                 | 228.4         | 9.0         | 5.5        | 9.4                | 8.4        | 1.8               | 5.6         | 2.8             | High |
| FERRY ST N & FERRY ST S & MAIN ST W            | 222.8         | 9.5         | 9.4        | 8.0                | 3.5        | 2.1               | 7.5         | 1.1             | High |
| Cedar Ave & 160th St                           | 221.9         | 9.6         | 9.0        | 9.8                | 4.4        | 0.0               | 6.3         | 0.0             | High |
| HIGHWAY 101 & DIAMOND LAKE RD S                | 221.2         | 9.1         | 9.1        | 9.2                | 6.1        | 3.3               | 4.4         | 0.0             | High |
| HIGHWAY 169 & DAYTON RD                        | 213.3         | 9.2         | 9.4        | 5.4                | 6.6        | 4.7               | 6.3         | 0.0             | High |
| TH 10 & FAIRFAIR AVE                           | 209.4         | 9.0         | 9.3        | 2.1                | 7.1        | 5.6               | 6.3         | 1.2             | High |
| CSAH 42 & NICOLLET AVE                         | 208.1         | 9.0         | 4.6        | 8.3                | 9.1        | 2.1               | 6.3         | 0.2             | High |
| 42ND ST E & HIAWATHA AVE                       | 202.3         | 6.2         | 5.1        | 3.7                | 6.8        | 9.3               | 6.3         | 4.4             | High |
| TH 61 & BURNS AVE                              | 199.2         | 6.4         | 3.5        | 8.8                | 7.0        | 0.0               | 9.4         | 4.0             | High |
| TH 7 & CSAH 101                                | 198.3         | 8.9         | 3.5        | 9.4                | 9.1        | 0.0               | 5.6         | 0.3             | High |
| TH 55 & HUMBOLDT AVE                           | 195.4         | 2.2         | 3.6        | 0.1                | 4.9        | 9.4               | 8.1         | 9.3             | High |
| TH 65 NE & LINCOLN ST                          | 189.6         | 4.3         | 3.5        | 5.0                | 9.0        | 9.0               | 6.9         | 0.9             | High |
| TH 7 & TEXAS AVE                               | 189.0         | 4.5         | 5.0        | 4.8                | 9.3        | 9.2               | 6.3         | 0.0             | High |
| WASHINGTON & HIGHWAY 36                        | 187.8         | 9.0         | 6.8        | 8.8                | 7.2        | 0.0               | 5.0         | 0.0             | High |
| TH 252 & 81ST AVE                              | 183.1         | 3.4         | 4.3        | 3.6                | 9.0        | 3.7               | 5.6         | 9.2             | High |
| TH 36 & TH 120 (CENTURY AVE)                   | 182.3         | 7.0         | 3.6        | 8.6                | 9.1        | 0.0               | 7.5         | 0.0             | High |
| 150TH ST W & FOLIAGE AVE                       | 181.1         | 7.0         | 7.4        | 3.2                | 5.8        | 9.1               | 5.6         | 0.0             | High |
| TH 7 & BLAKE RD                                | 178.9         | 6.8         | 7.7        | 3.4                | 7.2        | 2.2               | 6.3         | 5.2             | High |
| 32ND ST E & HIAWATHA AVE                       | 177.3         | 10.0        | 10.0       | 3.0                | 3.7        | 0.0               | 6.9         | 0.0             | High |
| TH 55 & MORGAN AVE                             | 176.8         | 2.2         | 3.6        | 0.1                | 3.6        | 7.3               | 9.4         | 9.3             | High |
| CSAH 42 & CSAH 83                              | 173.1         | 4.7         | 1.6        | 7.6                | 7.1        | 9.3               | 5.6         | 0.0             | High |
| TH 55 & BRYANT AVE                             | 170.6         | 3.0         | 4.0        | 0.1                | 3.5        | 7.3               | 8.1         | 9.5             | High |
| TH 252 & 73RD AVE                              | 170.5         | 3.7         | 5.8        | 1.5                | 7.0        | 0.0               | 8.1         | 9.1             | High |
| HWY 5 & CSAH 4                                 | 168.8         | 6.5         | 5.1        | 9.1                | 7.1        | 2.3               | 6.3         | 0.0             | High |
| TH 252 & BROOKDALE DR                          | 168.7         | 4.5         | 5.1        | 4.6                | 5.6        | 1.8               | 6.9         | 9.2             | High |
| TH 55 & VAN WHITE MEMORIAL BLV                 | 166.9         | 2.6         | 3.6        | 1.2                | 2.8        | 7.3               | 8.1         | 9.6             | High |
| TH 65 & MEDTRONIC PKWY                         | 165.0         | 4.4         | 3.5        | 6.2                | 5.2        | 3.1               | 7.5         | 7.5             | High |
| 33RD ST E & HIAWATHA AVE                       | 162.7         | 9.5         | 9.5        | 0.5                | 2.0        | 3.9               | 6.9         | 0.0             | High |
| TH 169 & 109TH AVE N                           | 162.6         | 7.3         | 8.2        | 6.7                | 6.3        | 2.1               | 5.0         | 0.0             | High |
| TH 65 & 105TH AVE                              | 160.9         | 7.7         | 5.5        | 9.1                | 5.7        | 0.0               | 6.3         | 0.0             | High |
| TH 55 & VICKSBURG LN                           | 158.6         | 9.1         | 3.9        | 9.5                | 2.2        | 0.0               | 6.9         | 0.0             | High |
| Cedar Ave & 153rd                              | 158.3         | 8.0         | 3.9        | 8.1                | 6.4        | 0.0               | 6.3         | 1.9             | High |
| EGAN DR & GLENDALE RD & JOPPA AVE              | 154.0         | 7.7         | 6.6        | 7.1                | 5.8        | 3.1               | 5.0         | 0.0             | High |
| HWY 61 & C RE                                  | 154.0         | 7.5         | 2.9        | 9.3                | 5.6        | 3.0               | 5.6         | 0.0             | High |
| TH 13 & WASHBURN AVE                           | 150.2         | 6.8         | 9.1        | 0.1                | 7.8        | 2.3               | 5.6         | 0.0             | High |
| TH 13 & NICOLLET AVE                           | 149.9         | 5.8         | 2.8        | 8.9                | 7.0        | 2.8               | 6.3         | 0.1             | High |
| CSAH 42 & PILOT KNOB RD                        | 149.5         | 5.1         | 1.5        | 9.1                | 7.3        | 5.2               | 5.6         | 0.0             | High |
| CSAH 17 & 17th Ave E                           | 146.1         | 6.0         | 2.2        | 8.8                | 4.7        | 3.7               | 7.5         | 0.0             | High |
| BOONE AVE N & HIGHWAY 55                       | 141.4         | 6.4         | 5.2        | 5.7                | 6.9        | 3.7               | 6.3         | 0.2             | High |
| CLIFF RD E & RIVER HILLS DR                    | 140.9         | 2.6         | 3.3        | 2.2                | 7.7        | 10.0              | 5.6         | 0.0             | High |
| 150TH ST W & GARRETT AVE                       | 140.5         | 6.1         | 7.4        | 1.4                | 8.3        | 2.7               | 5.6         | 0.0             | High |
| HIGHWAY 55 & XENIUM LN N                       | 140.3         | 6.9         | 5.2        | 4.6                | 6.7        | 2.4               | 6.3         | 2.0             | High |
| HIGHWAY 55 & VERMILLION ST                     | 139.2         | 4.2         | 3.7        | 2.3                | 6.6        | 9.0               | 6.3         | 0.0             | High |
| JACKSON ST & SHEPARD RD & WARNER RD            | 138.1         | 4.5         | 3.7        | 3.1                | 2.3        | 9.1               | 8.8         | 0.0             | High |
| OSGOOD AVE N & HIGHWAY 36                      | 136.3         | 5.8         | 4.0        | 7.2                | 7.3        | 2.6               | 5.6         | 0.1             | High |
| Cedar Ave & Dodd Blvd                          | 134.6         | 8.3         | 3.1        | 9.2                | 3.6        | 3.2               | 4.4         | 0.0             | High |
| TH 55 & FERNBROOK LN                           | 132.9         | 5.6         | 3.9        | 8.4                | 3.3        | 2.0               | 6.9         | 2.2             | High |
| SIBLEY ST & WARNER RD                          | 132.6         | 4.1         | 3.6        | 3.2                | 2.1        | 9.1               | 8.8         | 0.0             | High |
| TH 169 & HAYDEN LAKE RD E                      | 132.2         | 6.7         | 9.1        | 2.3                | 4.7        | 2.5               | 5.6         | 0.1             | High |
| 125TH AVE NE & ABERDEEN ST NE & CENTRAL AVE NE | 132.2         | 5.0         | 2.5        | 6.0                | 8.1        | 4.2               | 6.3         | 0.0             | High |
| TH 55 & CSAH 101/PEONY LN                      | 129.9         | 6.2         | 3.4        | 8.1                | 4.4        | 4.8               | 5.6         | 0.0             | High |
| TH 61 & WARNER RD                              | 128.8         | 5.4         | 3.5        | 6.9                | 3.3        | 0.0               | 9.4         | 2.0             | High |
| TH 13 & QUENTIN AVE                            | 128.7         | 6.6         | 9.3        | 2.1                | 4.5        | 2.1               | 5.6         | 0.0             | High |
| BLUE GENTIAN RD & HIGHWAY 55 & LEXINGTON AVE S | 127.0         | 3.2         | 1.5        | 6.1                | 5.8        | 7.8               | 6.3         | 0.0             | High |
| TH 65 & CROSSTOWN BLVD                         | 126.8         | 2.0         | 0.8        | 3.3                | 8.1        | 9.4               | 5.0         | 0.0             | High |
| 120TH AVE N & JEFFERSON HWY N                  | 124.4         | 5.9         | 6.6        | 6.4                | 4.0        | 2.4               | 6.3         | 0.0             | High |
| CSAH 23 (CEDAR AVE) & 145TH ST                 | 123.8         | 7.0         | 9.0        | 1.4                | 4.3        | 0.0               | 5.6         | 1.7             | High |
| TH 65 & VIKING BLVD                            | 123.6         | 3.1         | 2.4        | 2.3                | 8.3        | 9.0               | 4.4         | 0.0             | High |
| 37TH ST E & HIAWATHA AVE                       | 123.3         | 9.5         | 9.5        | 0.0                | 0.2        | 0.0               | 6.9         | 0.0             | High |
| CSAH 23 (CEDAR AVE) & 147TH ST                 | 123.3         | 6.4         | 6.7        | 5.9                | 5.2        | 0.0               | 5.6         | 1.5             | High |
| TH 252 & 70TH AVE                              | 121.2         | 2.7         | 5.1        | 1.1                | 2.2        | 0.0               | 8.1         | 9.0             | High |
| CSAH 42 & ALDRICH AVE                          | 120.3         | 6.6         | 5.4        | 5.1                | 6.6        | 0.0               | 6.3         | 0.2             | High |
| TH 55 & CSAH 24                                | 120.3         | 6.8         | 4.9        | 5.8                | 3.8        | 2.5               | 6.9         | 0.0             | High |
| HIGHWAY 55 & WINNETKA AVE N                    | 118.3         | 6.1         | 5.0        | 7.4                | 3.9        | 0.0               | 6.3         | 0.8             | High |
| 150TH ST W & GALAXIE AVE                       | 116.6         | 6.0         | 7.4        | 1.0                | 4.9        | 5.1               | 5.6         | 0.0             | High |
| TH 65 & BUNKER LAKE BLVD                       | 116.4         | 5.5         | 5.9        | 3.3                | 7.8        | 2.4               | 5.0         | 0.0             | High |
| TH 10 & SUNFISH LAKE BLVD                      | 116.0         | 4.5         | 2.4        | 5.5                | 7.9        | 4.4               | 5.6         | 0.0             | High |
| HIGHWAY 7 & HOPKINS XRD                        | 113.1         | 5.3         | 4.2        | 6.9                | 6.0        | 0.0               | 6.3         | 0.1             | High |
| 150TH ST W & FLAGSTAFF AVE                     | 112.5         | 7.3         | 9.0        | 0.3                | 3.6        | 0.0               | 5.6         | 0.0             | High |
| CSAH 14 & HANSON BLVD                          | 111.2         | 3.2         | 1.5        | 4.1                | 4.9        | 8.4               | 6.3         | 0.0             | High |
| CSAH 42 & BURNHAVEN DR                         | 111.0         | 5.6         | 5.4        | 2.5                | 6.2        | 2.2               | 6.9         | 0.0             | High |

## Intersection Mobility and Safety Study Needs Assessment

| Intersection                                     | Overall Score | Total Delay | Peak Delay | Cross Street Delay | Crash Cost | Severe Crash Rate | SPACE Score | Passenger Delay | Tier   |
|--|---------------|-------------|------------|--------------------|------------|-------------------|-------------|-----------------|--------|
| HIGHWAY 55 & LONE OAK RD                         | 108.1         | 3.6         | 1.2        | 7.1                | 6.6        | 2.9               | 6.3         | 0.0             | Medium |
| HIGHWAY 61 & LOWER AFTON RD                      | 107.6         | 2.6         | 2.0        | 3.1                | 6.4        | 5.7               | 7.5         | 1.4             | Medium |
| CLIFF LAKE RD & CLIFF RD                         | 107.1         | 5.3         | 2.4        | 7.9                | 5.1        | 0.0               | 6.3         | 0.0             | Medium |
| CSAH 42 E & INTERSTATE 35E NB RAMPS              | 105.3         | 3.7         | 1.8        | 3.9                | 9.2        | 2.8               | 6.3         | 0.0             | Medium |
| CLIFF RD & SLATER RD                             | 104.6         | 3.9         | 3.8        | 4.5                | 5.9        | 5.9               | 5.6         | 0.0             | Medium |
| TH 65 & 81ST AVE                                 | 104.2         | 3.5         | 2.7        | 4.3                | 7.1        | 3.2               | 7.5         | 0.0             | Medium |
| HIGHWAY 10 & MAIN ST                             | 103.3         | 4.6         | 4.2        | 8.7                | 2.2        | 0.0               | 6.3         | 0.0             | Medium |
| 117TH AVE N & JEFFERSON HWY N                    | 103.2         | 6.2         | 8.2        | 3.2                | 2.6        | 0.0               | 5.6         | 0.0             | Medium |
| TH 7 & WILLISTON RD                              | 102.4         | 4.7         | 6.7        | 2.2                | 6.2        | 2.2               | 5.6         | 0.2             | Medium |
| TH 65 & CLOUD DR                                 | 101.4         | 4.0         | 3.7        | 4.0                | 6.5        | 4.7               | 6.3         | 0.0             | Medium |
| I-494 South Ramps & TH 55                        | 101.1         | 5.5         | 2.9        | 4.8                | 5.0        | 2.0               | 6.9         | 1.1             | Medium |
| TH 13 & CHOWEN AVE                               | 101.1         | 4.9         | 8.5        | 0.8                | 4.5        | 2.3               | 5.6         | 0.1             | Medium |
| DEAN AVE E & JEFFERSON HWY N                     | 98.6          | 5.8         | 9.1        | 0.1                | 2.5        | 0.0               | 6.3         | 0.0             | Medium |
| CSAH 42 & PORTLAND AVE                           | 97.3          | 4.9         | 2.1        | 6.6                | 4.2        | 3.2               | 6.3         | 0.0             | Medium |
| CLIFF RD & NICOLS RD                             | 95.9          | 5.4         | 3.0        | 6.5                | 4.0        | 3.1               | 5.6         | 0.0             | Medium |
| HIGHWAY 7 & MAIN ST                              | 95.5          | 1.6         | 1.0        | 1.6                | 6.2        | 9.2               | 5.0         | 0.0             | Medium |
| HIGHWAY 13 & HIGHWAY 55                          | 95.2          | 2.5         | 2.0        | 2.1                | 5.5        | 7.1               | 6.9         | 0.0             | Medium |
| 140TH ST NE & EGAN DR & HIGHWAY 13               | 95.0          | 5.4         | 3.3        | 5.9                | 5.9        | 2.7               | 4.4         | 0.0             | Medium |
| HWY 55 & HWY 100 RAMPS                           | 95.0          | 2.0         | 0.9        | 2.4                | 4.4        | 7.0               | 6.9         | 3.1             | Medium |
| 150TH ST W & PENNOCK LN                          | 94.6          | 3.4         | 4.5        | 2.1                | 7.3        | 3.1               | 6.3         | 0.0             | Medium |
| TH 65 & MOORE LAKE DR                            | 94.3          | 2.9         | 3.0        | 2.8                | 3.5        | 7.2               | 7.5         | 0.0             | Medium |
| DAKOTA AVE & EGAN DR                             | 93.6          | 5.9         | 6.2        | 2.8                | 4.8        | 3.1               | 4.4         | 0.0             | Medium |
| HWY 5 & HWY 101                                  | 92.5          | 4.4         | 4.2        | 5.5                | 5.3        | 2.7               | 5.6         | 0.0             | Medium |
| HAZELTINE BLVD & HIGHWAY 7 & WOODRUFF AVE        | 91.2          | 2.4         | 2.0        | 2.3                | 6.7        | 7.2               | 5.0         | 0.0             | Medium |
| TH 55 & ARGENTA TRL                              | 90.4          | 1.1         | 0.4        | 1.9                | 7.2        | 8.3               | 4.4         | 0.0             | Medium |
| HWY 5 & CSAH 17                                  | 89.6          | 4.8         | 2.2        | 7.1                | 4.5        | 2.7               | 5.0         | 0.0             | Medium |
| JEFFERSON HWY N & WEST RIVER RD N                | 89.4          | 5.8         | 9.1        | 0.1                | 0.6        | 0.0               | 6.3         | 0.0             | Medium |
| TH 169 & 193RD AVE                               | 89.2          | 5.4         | 6.6        | 0.9                | 5.0        | 0.0               | 6.3         | 0.0             | Medium |
| CHESTNUT ST N & HIGHWAY 212                      | 89.0          | 1.8         | 0.6        | 2.8                | 4.0        | 5.2               | 5.6         | 6.2             | Medium |
| TH 65 & TH 10 WB RAMPS                           | 86.6          | 6.7         | 3.6        | 5.3                | 3.3        | 0.0               | 5.6         | 0.0             | Medium |
| GENERAL SIEBEN DR & HIGHWAY 55                   | 86.3          | 3.7         | 0.9        | 8.0                | 3.2        | 0.0               | 6.9         | 0.0             | Medium |
| 187TH LN NE & HIGHWAY 65 NE                      | 85.9          | 1.0         | 0.9        | 1.4                | 4.9        | 9.1               | 5.6         | 0.0             | Medium |
| 18TH ST E & VERMILLION ST                        | 85.7          | 1.6         | 1.2        | 1.1                | 3.9        | 8.0               | 7.5         | 0.0             | Medium |
| TH 13 & LYNN AVE                                 | 85.5          | 4.5         | 6.5        | 2.5                | 5.3        | 0.0               | 5.6         | 0.0             | Medium |
| TH 55 & NIAGARA LN                               | 85.2          | 5.3         | 5.3        | 3.8                | 2.8        | 0.0               | 6.9         | 0.0             | Medium |
| HIGHWAY 10 & JOPLIN ST NW                        | 84.9          | 2.0         | 1.3        | 2.6                | 5.4        | 7.8               | 5.0         | 0.0             | Medium |
| 114TH AVE N & JEFFERSON HWY N & ELM CREEK PKWY   | 84.6          | 5.4         | 4.7        | 3.5                | 6.3        | 0.0               | 5.0         | 0.0             | Medium |
| CSAH 42 & NEWTON AVE                             | 84.2          | 2.5         | 3.3        | 0.1                | 5.3        | 6.3               | 6.3         | 0.0             | Medium |
| 215th St W & Dodd Blvd                           | 84.1          | 2.7         | 0.8        | 4.9                | 3.1        | 9.2               | 3.8         | 0.0             | Medium |
| CSAH 42 W & INTERSTATE 35W NB RAMP               | 83.8          | 5.9         | 3.0        | 5.4                | 3.2        | 0.0               | 6.3         | 0.0             | Medium |
| CSAH 42 & BURNSVILLE PKWY                        | 83.5          | 6.0         | 5.4        | 0.9                | 5.0        | 0.0               | 6.3         | 0.0             | Medium |
| COMMERS DR & DODD RD & HIGHWAY 55                | 83.1          | 5.0         | 3.4        | 6.8                | 1.7        | 0.0               | 6.3         | 0.0             | Medium |
| 157TH AVE NE & HIGHWAY 65 NE                     | 83.0          | 1.6         | 1.2        | 1.4                | 4.9        | 9.1               | 5.0         | 0.0             | Medium |
| TH 65 & 89TH AVE                                 | 82.5          | 3.7         | 3.4        | 4.0                | 4.8        | 3.0               | 5.6         | 2.1             | Medium |
| HIGHWAY 7 & SHADY OAK RD                         | 82.2          | 4.0         | 4.7        | 4.4                | 3.0        | 3.8               | 6.3         | 0.1             | Medium |
| 125TH AVE NE & MAIN ST NW & UNIVERSITY AVE NE    | 81.9          | 2.7         | 2.1        | 2.2                | 4.0        | 8.5               | 5.0         | 0.0             | Medium |
| CSAH 17 & CSAH 78                                | 81.5          | 1.9         | 0.8        | 2.6                | 2.6        | 8.4               | 6.9         | 0.0             | Medium |
| 150TH ST W & CHIPPENDALE AVE W                   | 79.8          | 2.9         | 2.1        | 4.0                | 5.3        | 5.0               | 5.6         | 0.0             | Medium |
| HWY 65 & I-694 SOUTH RAMPS                       | 79.3          | 1.6         | 0.7        | 1.9                | 3.9        | 0.0               | 8.1         | 6.2             | Medium |
| 171ST AVE NW & 171ST ST NW & HIGHWAY 10          | 79.1          | 1.8         | 1.8        | 1.5                | 7.2        | 5.4               | 5.6         | 0.0             | Medium |
| TH 55 & DOUGLAS DR                               | 79.0          | 4.0         | 2.9        | 5.7                | 1.3        | 0.0               | 6.9         | 3.3             | Medium |
| CSAH 42 & INTERSTATE 35W SB RAMPS/BUCK HILL RD   | 78.2          | 4.6         | 2.4        | 4.2                | 4.8        | 2.2               | 6.3         | 0.0             | Medium |
| HWY 5 & CSAH 101                                 | 78.0          | 4.2         | 2.3        | 6.3                | 5.4        | 0.0               | 5.0         | 0.0             | Medium |
| I-35E NB RAMP & SHEPARD RD                       | 77.7          | 1.4         | 1.0        | 1.0                | 4.4        | 6.1               | 8.1         | 0.0             | Medium |
| CSAH 42 & JOHNNY CAKE RIDGE RD                   | 77.7          | 4.5         | 2.7        | 6.1                | 3.6        | 3.2               | 5.0         | 0.0             | Medium |
| CLIFF RD & HIGHWAY 77                            | 77.3          | 1.9         | 0.8        | 2.3                | 4.9        | 7.1               | 5.6         | 0.0             | Medium |
| 150TH ST W & GARDEN VIEW DR                      | 76.1          | 4.1         | 4.5        | 3.9                | 2.9        | 3.5               | 6.3         | 0.0             | Medium |
| HIGHWAY 10 & POINT DOUGLAS DR'S                  | 75.8          | 3.0         | 3.1        | 1.8                | 6.1        | 3.0               | 6.9         | 0.0             | Medium |
| TH 36 & LAKE ELMO AVE N                          | 75.8          | 3.1         | 3.9        | 1.7                | 9.0        | 2.5               | 3.8         | 0.0             | Medium |
| TH 169 & TH 282                                  | 74.8          | 3.2         | 2.2        | 1.3                | 7.9        | 3.6               | 5.0         | 0.0             | Medium |
| HIGHWAY 55 & SOUTH SHORE DR                      | 73.2          | 5.3         | 5.5        | 1.6                | 2.4        | 0.0               | 6.3         | 1.6             | Medium |
| HIGHWAY 7 & VINE HILL RD                         | 73.2          | 3.6         | 1.7        | 5.3                | 4.7        | 2.7               | 5.6         | 0.0             | Medium |
| HIGHWAY 55 & REVERE LN N                         | 72.8          | 5.6         | 5.7        | 1.0                | 2.8        | 0.0               | 6.3         | 0.1             | Medium |
| COUNTY ROAD 11 & HIGHWAY 13 E & RIVER HILLS DR W | 72.6          | 3.4         | 1.5        | 4.6                | 5.1        | 3.4               | 5.6         | 0.0             | Medium |
| EAGLE PKWY & SHEPARD RD                          | 72.3          | 4.3         | 2.6        | 3.3                | 1.5        | 0.0               | 10.0        | 0.0             | Medium |
| I-35E SB RAMP & SHEPARD RD                       | 71.7          | 1.9         | 1.0        | 1.9                | 3.1        | 5.8               | 8.1         | 0.0             | Medium |
| CSAH 42 E & INTERSTATE 35E SB RAMPS              | 71.5          | 2.4         | 1.2        | 2.2                | 7.8        | 2.4               | 6.3         | 0.0             | Medium |
| HIGHWAY 7 & OAK ST                               | 71.0          | 5.0         | 2.7        | 5.9                | 2.7        | 0.0               | 5.6         | 0.0             | Medium |
| CSAH 42 & CSAH 11                                | 71.0          | 3.4         | 2.0        | 4.4                | 5.0        | 0.0               | 6.9         | 0.0             | Medium |
| TH 65 & 131ST AVE                                | 70.9          | 6.4         | 6.1        | 2.3                | 0.3        | 0.0               | 5.6         | 0.0             | Medium |
| TH 65 & I-694 WB RAMPS                           | 69.8          | 2.5         | 2.2        | 2.3                | 3.2        | 0.0               | 7.5         | 5.2             | Medium |
| COUNTY ROAD 51 & HIGHWAY 212                     | 69.5          | 0.4         | 0.1        | 1.0                | 4.8        | 9.5               | 3.8         | 0.0             | Medium |
| EGAN DR & OTTAWA AVE                             | 69.3          | 4.1         | 6.6        | 1.4                | 2.7        | 3.8               | 4.4         | 0.0             | Medium |
| TH 65 & MISSISSIPPI ST                           | 68.0          | 3.2         | 2.4        | 4.2                | 3.4        | 3.5               | 6.9         | 0.0             | Medium |
| 125TH AVE NE & ULYSSES ST NE                     | 67.8          | 4.2         | 2.4        | 4.1                | 4.8        | 0.0               | 6.3         | 0.0             | Medium |
| CSAH 17 & US 169 W Ramps+                        | 67.5          | 0.9         | 0.4        | 1.3                | 5.2        | 4.8               | 7.5         | 0.0             | Medium |
| CLIFF RD E & HIGHWAY 13 E                        | 66.5          | 3.7         | 2.2        | 3.7                | 6.1        | 0.0               | 5.6         | 0.0             | Medium |
| Cedar Ave & Lakeville Blvd                       | 65.8          | 4.9         | 1.5        | 8.2                | 0.0        | 0.0               | 4.4         | 0.0             | Medium |
| HIGHWAY 55 & PINE ST                             | 64.5          | 1.7         | 1.2        | 0.3                | 3.4        | 6.3               | 6.9         | 0.0             | Medium |
| CLAY ST & FERRY ST N                             | 63.7          | 5.3         | 6.0        | 0.2                | 0.4        | 0.0               | 6.9         | 0.0             | Medium |
| SHEPARD RD & DAVERN ST                           | 63.5          | 1.1         | 0.5        | 1.6                | 1.3        | 7.0               | 8.1         | 0.0             | Medium |
| EGAN DR & QUENTIN AVE                            | 62.8          | 4.6         | 5.1        | 0.5                | 2.1        | 3.9               | 5.0         | 0.0             | Medium |
| 147TH ST W & 150TH ST W                          | 61.9          | 4.2         | 6.3        | 1.5                | 0.9        | 0.0               | 6.3         | 0.0             | Medium |
| 10TH ST E & VERMILLION ST                        | 61.5          | 4.2         | 3.7        | 2.3                | 2.5        | 0.0               | 7.5         | 0.0             | Medium |
| EGAN DR & O'CONNELL RD & VERNON AVE              | 61.0          | 3.9         | 4.6        | 0.7                | 4.1        | 3.4               | 5.0         | 0.0             | Medium |
| CHESTNUT BLVD & COUNTY ROAD 78 & HIGHWAY 169     | 60.5          | 0.5         | 0.1        | 0.9                | 2.3        | 9.0               | 5.6         | 0.0             | Medium |
| CHASKA BLVD & CHESTNUT ST N                      | 60.4          | 2.7         | 1.7        | 3.1                | 3.6        | 4.2               | 6.3         | 0.0             | Medium |
| COUNTY ROAD 6 & HIGHWAY 55                       | 59.9          | 2.2         | 1.0        | 2.9                | 4.3        | 3.2               | 6.3         | 2.0             | Medium |
| TH 10 & RAMSEY BLVD                              | 59.9          | 3.7         | 2.6        | 4.9                | 2.5        | 0.0               | 6.3         | 0.0             | Medium |

## Intersection Mobility and Safety Study Needs Assessment

| Intersection                                   | Overall Score | Total Delay | Peak Delay | Cross Street Delay | Crash Cost | Severe Crash Rate | SPACE Score | Passenger Delay | Tier   |
|--|---------------|-------------|------------|--------------------|------------|-------------------|-------------|-----------------|--------|
| TH 280 & BROADWAY ST                           | 59.8          | 3.4         | 2.3        | 5.1                | 2.0        | 0.0               | 6.9         | 0.0             | Medium |
| HIGHWAY 36 & GREELEY ST & OAKGREEN AVE         | 59.7          | 4.5         | 4.2        | 2.5                | 3.8        | 0.0               | 5.6         | 0.1             | Medium |
| HIGHWAY 10 & PROCTOR AVE NW                    | 59.3          | 4.1         | 1.9        | 6.0                | 2.7        | 0.0               | 5.0         | 0.0             | Medium |
| 5TH AVE N & HIGHWAY 7 & OAK RIDGE RD           | 59.2          | 3.7         | 2.2        | 4.9                | 2.5        | 0.0               | 6.3         | 0.1             | Medium |
| 145TH ST E & 145TH ST W & AKRON AVE            | 59.0          | 0.6         | 0.1        | 1.2                | 3.0        | 9.2               | 4.4         | 0.0             | Medium |
| 145TH ST E & COURTHOUSE BLVD                   | 59.0          | 1.3         | 0.3        | 2.4                | 3.6        | 9.3               | 3.1         | 0.0             | Medium |
| OTTO AVE & SHEPARD RD                          | 58.8          | 0.7         | 0.4        | 0.8                | 2.3        | 6.2               | 8.1         | 0.0             | Medium |
| CSAH 42 & I-35W S Ramps+                       | 58.2          | 4.6         | 2.4        | 4.2                | 1.9        | 0.0               | 6.3         | 0.0             | Medium |
| FERRY ST N & HIGHWAY 10                        | 58.2          | 3.4         | 1.5        | 4.2                | 3.7        | 0.0               | 6.9         | 0.0             | Medium |
| TH 169 & HIGHWAY 10 WB RAMPS                   | 57.6          | 2.6         | 1.3        | 2.4                | 6.2        | 2.4               | 5.6         | 0.0             | Medium |
| Kenrick Ave & Kensington Blvd & Juniper Way    | 57.5          | 4.1         | 1.3        | 6.5                | 1.9        | 0.0               | 5.0         | 0.0             | Medium |
| 4TH ST E & VERMILLION ST                       | 57.1          | 2.9         | 2.3        | 2.8                | 3.4        | 3.4               | 6.9         | 0.0             | Medium |
| CSAH 42 & TH 3                                 | 56.9          | 3.2         | 2.3        | 4.7                | 4.0        | 0.0               | 5.6         | 0.0             | Medium |
| 150TH ST W & SHANNON PKWY                      | 56.9          | 2.8         | 1.3        | 5.0                | 5.2        | 0.0               | 5.0         | 0.0             | Medium |
| 150TH ST W & DIAMOND PATH                      | 56.8          | 1.4         | 0.6        | 1.6                | 5.9        | 4.6               | 5.0         | 0.0             | Medium |
| CHESTNUT ST N & CROSSTOWN BLVD & VICTORIA DR   | 56.6          | 1.6         | 0.9        | 2.2                | 2.9        | 6.2               | 5.6         | 0.0             | Medium |
| TH 65 & 73RD AVE                               | 56.6          | 2.2         | 2.1        | 1.4                | 4.0        | 3.2               | 7.5         | 0.0             | Medium |
| 4TH AVE & MAIN ST                              | 56.5          | 0.5         | 0.2        | 0.9                | 2.3        | 9.2               | 5.0         | 0.0             | Medium |
| HIGHWAY 55 & OLD ROCKFORD RD N                 | 56.0          | 3.6         | 4.9        | 1.8                | 2.4        | 3.1               | 5.0         | 0.0             | Medium |
| TH 10 & THURSTON AVE                           | 55.4          | 3.6         | 2.0        | 3.0                | 4.0        | 0.0               | 6.3         | 1.2             | Medium |
| COUNTY ROAD 31 & HIGHWAY 212                   | 55.0          | 0.4         | 0.1        | 0.6                | 2.8        | 8.5               | 5.0         | 0.0             | Medium |
| BLUFF DR & HIGHWAY 169                         | 55.0          | 0.3         | 0.2        | 0.1                | 5.4        | 8.1               | 3.1         | 0.0             | Medium |
| TH 55 & CSAH 101/SIOUX DR                      | 54.6          | 3.8         | 3.6        | 2.1                | 4.3        | 2.8               | 4.4         | 0.0             | Medium |
| HIGHWAY 10 & JACKSON AVE NW                    | 54.6          | 3.9         | 3.4        | 3.7                | 2.4        | 0.0               | 6.3         | 0.0             | Medium |
| GOODWIN AVE & HASTINGS TRL & MISSISSIPPI TRL   | 54.5          | 0.3         | 0.3        | 0.0                | 3.7        | 7.8               | 5.0         | 0.0             | Medium |
| Lake Dr & Apollo Dr                            | 54.3          | 3.8         | 1.2        | 6.5                | 1.5        | 0.0               | 5.0         | 0.0             | Medium |
| 15TH ST E & VERMILLION ST                      | 54.2          | 2.1         | 2.5        | 0.3                | 4.4        | 3.6               | 6.3         | 0.0             | Medium |
| TH 13 & PORTLAND AVE                           | 53.5          | 3.0         | 3.2        | 2.2                | 2.2        | 3.8               | 6.3         | 0.0             | Medium |
| 125TH AVE NE & MAIN ST & SUNSET AVE            | 52.9          | 0.3         | 0.3        | 0.0                | 3.1        | 9.5               | 3.8         | 0.0             | Low    |
| 125TH AVE NE & OAK PARK BLVD NE & POLK ST NE   | 51.8          | 3.1         | 1.6        | 4.0                | 2.1        | 0.0               | 7.5         | 0.0             | Low    |
| 153RD AVE NE & HIGHWAY 65 NE                   | 51.6          | 1.2         | 1.1        | 1.2                | 4.0        | 6.5               | 4.4         | 0.0             | Low    |
| CSAH 42 & LOUISIANA AVE                        | 51.5          | 3.5         | 3.6        | 1.2                | 1.0        | 4.7               | 5.0         | 0.0             | Low    |
| HWY 12 & BUDD AVE                              | 51.4          | 2.2         | 1.9        | 1.4                | 1.2        | 6.4               | 5.6         | 0.0             | Low    |
| 125TH AVE NE & HIGHWAY 65                      | 50.9          | 2.7         | 1.0        | 3.9                | 4.0        | 0.0               | 6.3         | 0.0             | Low    |
| HIGHWAY 10 & FELDSPAR ST NW                    | 50.9          | 3.7         | 3.4        | 1.4                | 2.1        | 2.6               | 6.3         | 0.0             | Low    |
| HWY 212 & SALEM AVE                            | 50.8          | 0.2         | 0.1        | 0.1                | 1.5        | 9.0               | 5.6         | 0.0             | Low    |
| ANDOVER BLVD NE & HIGHWAY 65 NE                | 49.4          | 1.9         | 3.0        | 1.6                | 5.3        | 3.0               | 4.4         | 0.0             | Low    |
| HWY 7 & HWY 169 EAST RAMPS                     | 49.3          | 1.3         | 0.6        | 1.4                | 5.1        | 3.0               | 6.3         | 0.1             | Low    |
| TH 101 / I-94 North Ramp                       | 49.2          | 1.4         | 0.7        | 1.2                | 8.1        | 2.2               | 4.4         | 0.0             | Low    |
| HWY 5 & HWY 41                                 | 49.0          | 3.4         | 3.8        | 3.5                | 4.2        | 0.0               | 4.4         | 0.0             | Low    |
| DODD RD & HIGHWAY 55 & HOLIDAY LN              | 49.0          | 2.4         | 1.1        | 4.5                | 3.1        | 0.0               | 6.3         | 0.0             | Low    |
| TH 13 & 12TH AVE                               | 48.8          | 2.1         | 1.9        | 0.6                | 5.9        | 0.0               | 6.3         | 0.0             | Low    |
| HIGHWAY 55 & WISCONSIN AVE N                   | 48.5          | 2.6         | 2.2        | 1.1                | 1.8        | 4.6               | 6.3         | 0.0             | Low    |
| TH 7 & WOODHILL RD                             | 48.4          | 2.6         | 5.4        | 1.3                | 2.4        | 0.0               | 5.6         | 0.2             | Low    |
| CHESTNUT ST N & ENGLER BLVD                    | 48.3          | 3.2         | 2.4        | 3.1                | 4.2        | 0.0               | 5.6         | 0.0             | Low    |
| HIGHWAY 55 & THEODORE WIRTH PKWY               | 47.7          | 2.6         | 2.8        | 1.1                | 2.8        | 0.0               | 6.9         | 3.3             | Low    |
| HWY 7 & HWY 100 EAST RAMPS                     | 47.6          | 2.2         | 0.8        | 3.2                | 4.0        | 0.0               | 6.9         | 0.0             | Low    |
| HIGHWAY 110 & INTERSTATE 35E                   | 47.3          | 2.7         | 1.2        | 3.1                | 3.3        | 0.0               | 7.5         | 0.0             | Low    |
| 215th St W & Grenada Ave                       | 46.7          | 0.0         | 0.0        | 0.1                | 2.0        | 9.2               | 4.4         | 0.0             | Low    |
| MAIN ST NW & SHENANDOAH BLVD NW                | 46.5          | 3.3         | 2.9        | 3.7                | 1.4        | 0.0               | 6.3         | 0.0             | Low    |
| HIGHWAY 7 & COUNTY ROAD 10                     | 46.0          | 0.5         | 0.2        | 0.6                | 2.9        | 8.2               | 3.8         | 0.0             | Low    |
| Cedar Ave & 202nd St W                         | 45.5          | 2.0         | 0.6        | 3.4                | 1.8        | 6.0               | 3.8         | 0.0             | Low    |
| EGAN DR & NATCHEZ AVE                          | 45.5          | 3.7         | 6.6        | 0.3                | 0.8        | 0.0               | 4.4         | 0.0             | Low    |
| 125TH AVE NE & COUNTY ROAD 52 & RADISSON RD NE | 45.4          | 3.4         | 2.5        | 2.7                | 2.0        | 3.6               | 5.0         | 0.0             | Low    |
| 125TH AVE NE & LEXINGTON AVE N                 | 44.8          | 1.7         | 0.4        | 3.5                | 4.2        | 4.4               | 3.8         | 0.0             | Low    |
| EUREKA RD & HIGHWAY 7                          | 44.7          | 0.7         | 0.7        | 1.0                | 3.1        | 6.1               | 5.0         | 0.0             | Low    |
| HWY 5 & ROLLING ACRES RD                       | 44.6          | 2.8         | 3.9        | 2.7                | 4.0        | 0.0               | 4.4         | 0.0             | Low    |
| FOLEY BLVD NW & MAIN ST NW                     | 44.6          | 1.9         | 1.6        | 0.4                | 2.4        | 4.6               | 6.3         | 0.0             | Low    |
| CSAH 14 & HWY 10 WEST RAMPS                    | 44.5          | 3.2         | 1.4        | 3.8                | 2.0        | 0.0               | 6.3         | 0.0             | Low    |
| HIGHWAY 55 & MEDICINE LAKE DR W                | 44.3          | 2.8         | 1.2        | 4.4                | 0.9        | 0.0               | 6.3         | 1.4             | Low    |
| Hwy 7 & Louisiana                              | 43.2          | 2.5         | 1.2        | 2.8                | 3.9        | 0.0               | 6.3         | 0.1             | Low    |
| TH 169 & 5TH ST                                | 43.1          | 3.6         | 3.4        | 2.2                | 0.9        | 0.0               | 6.3         | 0.0             | Low    |
| 113TH AVE NE & CENTRAL AVE NE                  | 42.4          | 3.6         | 3.8        | 1.4                | 0.7        | 0.0               | 6.3         | 0.0             | Low    |
| MAIN ST NW & COON CREEK BLVD NW                | 42.3          | 2.9         | 3.1        | 1.5                | 2.7        | 0.0               | 6.9         | 0.0             | Low    |
| HIGHWAY 212 & PAUL AVE S                       | 42.3          | 0.8         | 0.1        | 1.7                | 2.2        | 7.6               | 3.8         | 0.0             | Low    |
| GLENWOOD AVE & HIGHWAY 55                      | 41.8          | 3.3         | 3.3        | 2.0                | 1.5        | 0.0               | 6.3         | 0.0             | Low    |
| TH 65 & CONSTANCE BLVD                         | 41.7          | 1.5         | 1.3        | 0.5                | 4.9        | 3.3               | 5.0         | 0.0             | Low    |
| TH 212 & CSAH 43                               | 41.3          | 0.4         | 0.2        | 0.4                | 2.7        | 7.7               | 3.8         | 0.0             | Low    |
| HIGHWAY 62 & INTERSTATE 494                    | 41.1          | 3.3         | 1.3        | 4.4                | 1.2        | 0.0               | 5.6         | 0.0             | Low    |
| CSAH 19 / River Road / Crow River Bridge       | 40.8          | 0.6         | 0.6        | 0.0                | 2.1        | 8.2               | 3.8         | 0.0             | Low    |
| HIGHWAY 55 & RHODE ISLAND AVE N                | 40.4          | 2.6         | 2.9        | 3.0                | 2.4        | 0.0               | 6.3         | 0.0             | Low    |
| CSAH 42 & PIKE LAKE TRL                        | 40.4          | 1.2         | 0.7        | 1.7                | 1.6        | 6.1               | 5.0         | 0.0             | Low    |
| CSAH 42 7 ELM DR                               | 40.3          | 2.9         | 4.9        | 0.1                | 0.4        | 0.0               | 6.3         | 0.0             | Low    |
| TH 55 & CSAH 116                               | 40.3          | 2.5         | 2.4        | 1.7                | 4.5        | 2.4               | 4.4         | 0.0             | Low    |
| CSAH 17 & US 169 E Ramps+                      | 40.1          | 2.4         | 0.9        | 3.3                | 1.9        | 0.0               | 7.5         | 0.0             | Low    |
| Hwy 7 & Wooddale*                              | 40.1          | 2.0         | 0.9        | 2.2                | 3.7        | 0.0               | 6.9         | 0.5             | Low    |
| 150TH ST W & HAYES RD                          | 39.6          | 3.2         | 3.3        | 1.2                | 1.9        | 0.0               | 6.3         | 0.0             | Low    |
| HWY 7 & HWY 100 WEST RAMPS                     | 39.6          | 2.7         | 1.2        | 3.2                | 2.0        | 0.0               | 6.9         | 0.0             | Low    |
| CSAH 42 & ALABAMA AVE                          | 38.8          | 3.7         | 4.6        | 0.1                | 1.7        | 0.0               | 5.0         | 0.0             | Low    |
| CSAH 42 & HUNTINGTON AVE                       | 38.6          | 3.6         | 4.6        | 0.1                | 1.7        | 0.0               | 5.0         | 0.0             | Low    |
| HIGHWAY 7 & RAMP HIGHWAY 169                   | 38.6          | 0.6         | 0.3        | 0.7                | 3.6        | 3.4               | 6.3         | 0.1             | Low    |
| Cedar Ave & 157th                              | 38.4          | 3.1         | 1.5        | 3.1                | 1.7        | 0.0               | 6.3         | 0.1             | Low    |
| CSAH 42 & CHICAGO AVE                          | 38.3          | 1.8         | 1.3        | 1.0                | 1.4        | 4.0               | 6.9         | 0.0             | Low    |
| I-494 North Ramps & TH 55                      | 38.2          | 2.7         | 1.3        | 2.6                | 2.2        | 0.0               | 6.9         | 1.1             | Low    |
| TH 169 & 197TH AVE                             | 37.8          | 2.2         | 3.2        | 0.6                | 3.0        | 0.0               | 6.3         | 0.0             | Low    |
| CLIFF RD & HIGHWAY 77                          | 37.8          | 1.7         | 0.7        | 2.1                | 4.8        | 0.0               | 5.6         | 0.0             | Low    |
| CH42 & Judicial Rd                             | 37.7          | 1.3         | 0.6        | 1.4                | 3.7        | 3.0               | 5.6         | 0.0             | Low    |
| COUNTY ROAD B W & HIGHWAY 280                  | 37.7          | 1.8         | 3.5        | 0.3                | 2.0        | 0.0               | 7.5         | 0.0             | Low    |
| TH 65 & TH 10 EB RAMPS                         | 37.6          | 2.8         | 3.4        | 0.4                | 3.2        | 0.0               | 5.6         | 0.0             | Low    |

## Intersection Mobility and Safety Study Needs Assessment

| Intersection                                  | Overall Score | Total Delay | Peak Delay | Cross Street Delay | Crash Cost | Severe Crash Rate | SPACE Score | Passenger Delay | Tier |
|---|---------------|-------------|------------|--------------------|------------|-------------------|-------------|-----------------|------|
| HIGHWAY 7 & OLD MARKET RD                     | 37.2          | 1.9         | 2.5        | 0.9                | 3.0        | 2.8               | 5.6         | 0.1             | Low  |
| CSAH 42 & PLYMOUTH AVE                        | 36.7          | 2.9         | 2.8        | 1.6                | 2.3        | 0.0               | 6.3         | 0.0             | Low  |
| HIGHWAY 55 & PIONEER TRL                      | 36.6          | 0.8         | 0.7        | 0.4                | 2.8        | 7.2               | 3.1         | 0.0             | Low  |
| 125TH AVE NE & JEFFERSON ST NE                | 36.4          | 2.6         | 2.0        | 2.8                | 1.3        | 0.0               | 6.9         | 0.0             | Low  |
| CSAH 42 & HEATHERTON RIDGE DR                 | 35.9          | 0.3         | 0.3        | 0.1                | 2.4        | 6.4               | 4.4         | 0.0             | Low  |
| COUNTY ROAD 90 & HIGHWAY 12                   | 35.1          | 0.6         | 0.3        | 0.9                | 2.5        | 6.3               | 3.8         | 0.0             | Low  |
| 165TH AVE NW & HIGHWAY 10                     | 34.7          | 1.7         | 0.8        | 1.9                | 2.7        | 3.2               | 5.6         | 0.0             | Low  |
| 4TH ST E & 4TH STW & CHESTNUT ST N            | 34.7          | 1.7         | 1.5        | 1.4                | 4.0        | 0.0               | 6.3         | 0.0             | Low  |
| CLIFF RD E & KENNELLY RD                      | 34.3          | 2.8         | 3.8        | 1.1                | 1.0        | 0.0               | 5.6         | 0.0             | Low  |
| CSAH 19 / 109th / Crow Hassan Park Road       | 34.2          | 0.3         | 0.2        | 0.6                | 1.4        | 9.1               | 3.1         | 0.0             | Low  |
| 41ST ST E & HIAWATHA AVE                      | 33.5          | 3.0         | 3.5        | 0.5                | 0.1        | 0.0               | 6.3         | 0.0             | Low  |
| 145TH ST W & 150TH ST W                       | 33.3          | 0.7         | 0.1        | 1.2                | 1.6        | 5.9               | 4.4         | 0.0             | Low  |
| HIGHWAY 61 & MANNING AVE S                    | 33.3          | 2.5         | 2.6        | 1.4                | 2.4        | 0.0               | 6.3         | 0.0             | Low  |
| CSAH 42 & EMERY AVE                           | 32.9          | 0.2         | 0.2        | 0.1                | 1.1        | 9.7               | 3.1         | 0.0             | Low  |
| 133RD AVE NE & CENTRAL AVE NE & HIGHWAY 65 NE | 32.8          | 2.6         | 4.3        | 0.6                | 0.1        | 0.0               | 5.6         | 0.0             | Low  |
| TH 7 & WOODLAND RD                            | 32.6          | 2.7         | 2.9        | 1.7                | 1.8        | 0.0               | 5.6         | 0.1             | Low  |
| HIGHWAY 110 & LEXINGTON AVES                  | 32.6          | 1.3         | 0.9        | 1.1                | 3.6        | 0.0               | 7.5         | 0.0             | Low  |
| Cedar Ave & Glacier Way                       | 32.4          | 2.8         | 1.1        | 4.0                | 2.2        | 0.0               | 4.4         | 0.0             | Low  |
| COUNTY ROAD 46 & VERMILLION ST                | 32.3          | 1.7         | 1.8        | 1.2                | 2.8        | 0.0               | 7.5         | 0.0             | Low  |
| 40TH ST E & HIAWATHA AVE                      | 32.2          | 2.9         | 3.5        | 0.3                | 0.0        | 0.0               | 6.3         | 0.0             | Low  |
| 43RD ST E & HIAWATHA AVE                      | 31.8          | 2.2         | 2.3        | 0.2                | 0.1        | 0.0               | 6.3         | 3.0             | Low  |
| CHESTNUT ST N & HIGHWAY 212                   | 31.5          | 0.8         | 0.3        | 1.3                | 2.3        | 0.0               | 5.6         | 3.6             | Low  |
| 143RD AVE NE & HIGHWAY 65 NE                  | 31.5          | 2.1         | 5.0        | 0.5                | 0.7        | 0.0               | 5.0         | 0.0             | Low  |
| BEACH RD & HIGHWAY 62                         | 31.1          | 2.4         | 2.4        | 2.8                | 1.6        | 0.0               | 5.6         | 0.0             | Low  |
| 237TH AVE NE & HIGHWAY 65 NE                  | 30.9          | 0.8         | 0.7        | 0.2                | 3.9        | 4.8               | 3.1         | 0.0             | Low  |
| 44TH ST E & HIAWATHA AVE                      | 30.7          | 2.0         | 2.0        | 0.3                | 0.5        | 0.0               | 6.3         | 3.0             | Low  |
| 45TH ST E & HIAWATHA AVE                      | 30.6          | 2.1         | 2.0        | 0.2                | 0.0        | 0.0               | 6.3         | 3.1             | Low  |
| HWY 7 & CHRISTMAS LAKE RD                     | 30.5          | 2.6         | 3.1        | 0.1                | 2.2        | 0.0               | 5.6         | 0.1             | Low  |
| BABCOCK BLVD & COUNTY LINE RD & HIGHWAY 12    | 30.3          | 2.2         | 4.5        | 0.3                | 2.7        | 0.0               | 3.8         | 0.0             | Low  |
| HIGHWAY 55 & WESTVIEW DR                      | 30.1          | 1.9         | 0.8        | 2.9                | 1.1        | 0.0               | 6.9         | 0.0             | Low  |
| HWY 7 & TACOMA AVE                            | 29.8          | 0.2         | 0.1        | 0.1                | 1.0        | 9.3               | 3.1         | 0.0             | Low  |
| 145TH ST E & BLAINE AVE E                     | 29.7          | 0.5         | 0.3        | 0.2                | 1.2        | 6.3               | 4.4         | 0.0             | Low  |
| CSAH 14 & HWY 10 EAST RAMPS                   | 29.3          | 2.1         | 0.9        | 2.5                | 2.2        | 0.0               | 6.3         | 0.0             | Low  |
| CSAH 32 & I-35W WEST RAMPS                    | 29.2          | 2.9         | 2.0        | 3.0                | 0.7        | 0.0               | 5.0         | 0.0             | Low  |
| HWY 55 & GREENFIELD RD                        | 28.9          | 0.1         | 0.1        | 0.1                | 1.0        | 9.0               | 3.1         | 0.0             | Low  |
| 138TH ST W & CEDAR AVE & HIGHWAY 77           | 28.3          | 2.2         | 3.1        | 0.9                | 1.1        | 0.0               | 5.6         | 1.1             | Low  |
| SHEPARD RD & HWY 5 WEST RAMP                  | 28.2          | 2.6         | 2.0        | 0.0                | 0.6        | 0.0               | 7.5         | 0.0             | Low  |
| COUNTY ROAD 19 & HIGHWAY 55                   | 28.1          | 1.8         | 1.1        | 2.5                | 4.9        | 0.0               | 3.1         | 0.0             | Low  |
| HIGHWAY 55 & PLEASANT DR                      | 28.1          | 1.9         | 1.4        | 0.4                | 2.6        | 0.0               | 6.9         | 0.0             | Low  |
| ALPINE DR NW & HIGHWAY 10                     | 28.1          | 2.1         | 1.7        | 1.5                | 1.9        | 3.2               | 4.4         | 0.0             | Low  |
| 169TH AVE NE & FLAMINGO DR NE & HIGHWAY 65 NE | 28.0          | 0.6         | 0.5        | 0.6                | 2.5        | 3.8               | 5.0         | 0.0             | Low  |
| COUNTY ROAD 42 W & SOUTHCROSS DR W            | 27.1          | 2.7         | 2.2        | 1.9                | 1.1        | 0.0               | 5.6         | 0.0             | Low  |
| HIGHWAY 212 & REFORM ST N                     | 27.0          | 1.3         | 0.4        | 2.3                | 1.8        | 0.0               | 7.5         | 0.0             | Low  |
| SHEPARD RD & ELWAY ST                         | 26.9          | 1.7         | 1.0        | 2.3                | 0.1        | 0.0               | 8.1         | 0.0             | Low  |
| 221ST AVE NW & HIGHWAY 169                    | 26.4          | 0.6         | 0.2        | 1.0                | 2.4        | 3.9               | 4.4         | 0.0             | Low  |
| GALPIN LAKE RD & HIGHWAY 7                    | 26.3          | 3.1         | 2.7        | 0.6                | 1.0        | 0.0               | 5.0         | 0.0             | Low  |
| CLIFF RD & INTERSTATE 35E                     | 25.8          | 2.0         | 0.8        | 2.7                | 1.9        | 0.0               | 5.6         | 0.0             | Low  |
| HIGHWAY 10 & UPLAND AVE NW                    | 24.9          | 1.8         | 1.1        | 2.1                | 2.7        | 0.0               | 5.0         | 0.0             | Low  |
| 2ND ST E & 2ND ST W & CHESTNUT ST N           | 24.5          | 1.5         | 1.5        | 0.8                | 2.7        | 0.0               | 6.3         | 0.0             | Low  |
| HIGHWAY 55 & NORTHLAND DR                     | 24.5          | 1.6         | 1.0        | 2.5                | 0.4        | 0.0               | 6.9         | 0.0             | Low  |
| Cedar Ave & 155th                             | 24.3          | 2.0         | 1.0        | 2.0                | 1.9        | 0.0               | 6.3         | 0.1             | Low  |
| Cedar Ave & Mac Row                           | 24.3          | 0.1         | 0.0        | 0.1                | 1.3        | 5.4               | 4.4         | 0.0             | Low  |
| CSAH 50 & I-35 WEST RAMPS                     | 24.2          | 2.3         | 0.8        | 3.5                | 2.1        | 0.0               | 3.8         | 0.0             | Low  |
| 12TH AVE N & HIGHWAY 7                        | 24.0          | 2.1         | 1.8        | 1.3                | 1.5        | 0.0               | 6.3         | 0.5             | Low  |
| CLIFF RD & INTERSTATE 35E                     | 23.9          | 0.9         | 0.4        | 1.2                | 3.6        | 0.0               | 5.6         | 0.0             | Low  |
| HIGHWAY 65 NE & KLONDIKE DR NE                | 23.3          | 0.7         | 0.6        | 0.6                | 1.8        | 4.0               | 4.4         | 0.0             | Low  |
| LAKE DR NE & MAIN ST                          | 23.3          | 2.1         | 1.4        | 2.7                | 1.0        | 0.0               | 5.0         | 0.0             | Low  |
| 209TH AVE NE & HIGHWAY 65 NE                  | 23.2          | 0.9         | 0.8        | 0.7                | 1.0        | 3.9               | 5.0         | 0.0             | Low  |
| Cedar Ave & 179th St W                        | 23.1          | 2.2         | 0.8        | 3.2                | 1.1        | 0.0               | 4.4         | 0.1             | Low  |
| HIGHWAY 41 & CHESTNUT BLVD                    | 23.0          | 2.1         | 2.5        | 0.1                | 1.4        | 0.0               | 5.6         | 0.0             | Low  |
| HIGHWAY 62 & INTERSTATE 494                   | 22.9          | 1.6         | 0.7        | 2.0                | 2.3        | 0.0               | 5.6         | 0.0             | Low  |
| CLEVELAND AVE NW & HIGHWAY 10 & JARVIS ST NW  | 22.7          | 1.0         | 1.0        | 1.1                | 1.8        | 3.2               | 4.4         | 0.0             | Low  |
| 50TH ST N & HIGHWAY 36                        | 22.4          | 1.9         | 2.3        | 0.2                | 0.9        | 0.0               | 6.3         | 0.0             | Low  |
| HIGHWAY 10 & TRAPROCK ST NW                   | 22.2          | 1.9         | 3.0        | 0.1                | 0.2        | 0.0               | 5.6         | 0.0             | Low  |
| CHESTNUT BLVD & DEM CON DR                    | 22.2          | 1.8         | 2.0        | 0.6                | 2.2        | 0.0               | 5.6         | 0.0             | Low  |
| Mendota Rd & I-35E South Ramps                | 22.0          | 1.2         | 0.5        | 1.6                | 2.0        | 0.0               | 6.9         | 0.0             | Low  |
| AVOCET ST NW & MAIN ST NW                     | 22.0          | 2.1         | 1.6        | 1.6                | 0.8        | 0.0               | 6.3         | 0.0             | Low  |
| CSAH 50 & I-35 EAST RAMPS                     | 22.0          | 0.0         | 0.0        | 0.0                | 2.2        | 4.6               | 3.8         | 0.0             | Low  |
| TH 13 & DAKOTA AVE                            | 21.9          | 0.9         | 0.5        | 0.8                | 3.1        | 2.1               | 4.4         | 0.0             | Low  |
| HIGHWAY 55 & INDUSTRIAL PARK BLVD             | 21.8          | 1.6         | 0.8        | 2.1                | 1.0        | 0.0               | 6.3         | 1.1             | Low  |
| HIGHWAY 55 & MENDOTA HEIGHTS RD               | 21.7          | 1.5         | 1.3        | 1.1                | 2.0        | 0.0               | 6.9         | 0.0             | Low  |
| HIGHWAY 55 & MEADOW LN N                      | 21.5          | 1.6         | 1.8        | 0.5                | 1.0        | 0.0               | 6.9         | 0.9             | Low  |
| Cedar Ave & 215th St W                        | 21.4          | 2.0         | 0.4        | 3.9                | 0.0        | 0.0               | 4.4         | 0.0             | Low  |
| HIGHWAY 10 & TUNGSTEN ST NW                   | 21.3          | 2.0         | 2.4        | 0.2                | 1.0        | 0.0               | 5.6         | 0.0             | Low  |
| EAGANDALE BLVD & HIGHWAY 55                   | 20.9          | 1.5         | 1.0        | 1.0                | 1.9        | 0.0               | 6.9         | 0.0             | Low  |
| HIGHWAY 110 & HIGHWAY 13                      | 20.7          | 1.8         | 1.2        | 1.1                | 2.1        | 0.0               | 5.6         | 0.0             | Low  |
| HWY 55 & HWY 62 NORTH RAMPS                   | 20.7          | 1.7         | 0.7        | 2.3                | 1.3        | 0.0               | 5.6         | 0.1             | Low  |
| TH 169 & DELAWARE AVE                         | 20.4          | 0.4         | 0.3        | 0.2                | 2.0        | 4.7               | 3.1         | 0.0             | Low  |
| CSAH 42 & CANADA AVE                          | 19.8          | 1.5         | 1.3        | 1.6                | 2.0        | 0.0               | 5.6         | 0.0             | Low  |
| CSAH 17 & CSAH 42+                            | 19.8          | 1.4         | 0.3        | 2.8                | 0.3        | 0.0               | 5.6         | 0.0             | Low  |
| BAKER PARK RD & HIGHWAY 12 & WAYZATA BLVD W   | 19.8          | 1.4         | 2.6        | 0.6                | 1.6        | 0.0               | 5.0         | 0.0             | Low  |
| 210th St W & Kenrick Ave & I-35W N Ramps      | 19.6          | 1.7         | 0.6        | 2.4                | 1.5        | 0.0               | 5.0         | 0.0             | Low  |
| CSAH 42 & CSAH 21                             | 19.6          | 1.2         | 0.6        | 1.8                | 2.4        | 0.0               | 5.0         | 0.0             | Low  |
| CSAH 42 & HWY 52 WEST RAMPS                   | 19.3          | 1.6         | 0.3        | 3.5                | 1.4        | 0.0               | 3.8         | 0.0             | Low  |
| HIGHWAY 212 & TACOMA AVE & TACOMA AVE N       | 19.3          | 0.9         | 0.4        | 1.2                | 2.0        | 0.0               | 6.9         | 0.0             | Low  |
| 215th St W & Hamburg Ave                      | 19.0          | 1.7         | 0.4        | 3.4                | 0.3        | 0.0               | 4.4         | 0.0             | Low  |
| Cedar Ave & 215th St W                        | 18.4          | 1.7         | 0.4        | 3.3                | 0.2        | 0.0               | 4.4         | 0.0             | Low  |
| RANDOLPH AVE & SHEPARD RD                     | 18.1          | 1.1         | 0.5        | 1.8                | 0.5        | 0.0               | 7.5         | 0.0             | Low  |
| HWY 3 & CSAH 46                               | 17.9          | 1.7         | 0.9        | 2.1                | 1.9        | 0.0               | 4.4         | 0.0             | Low  |

## Intersection Mobility and Safety Study Needs Assessment

| Intersection  | Overall Score | Total Delay | Peak Delay | Cross Street Delay | Crash Cost | Severe Crash Rate | SPACE Score | Passenger Delay | Tier |
|---|---------------|-------------|------------|--------------------|------------|-------------------|-------------|-----------------|------|
| HIGHWAY 55 & PRAIRIE ST                             | 17.9          | 1.5         | 0.8        | 1.6                | 0.5        | 0.0               | 6.9         | 0.0             | Low  |
| CH 42 & Irving Ave                                  | 17.8          | 0.1         | 0.0        | 0.1                | 3.5        | 0.0               | 6.3         | 0.0             | Low  |
| HIGHWAY 169 & OLD HIGHWAY 169 BLVD                  | 17.7          | 0.3         | 0.1        | 0.7                | 1.7        | 4.8               | 2.5         | 0.0             | Low  |
| HIGHLAND RD & HIGHWAY 7                             | 17.7          | 1.7         | 2.1        | 0.3                | 0.5        | 0.0               | 5.6         | 0.1             | Low  |
| RED WING BLVD & VERMILLION ST                       | 17.6          | 1.3         | 1.3        | 0.4                | 1.8        | 0.0               | 6.3         | 0.0             | Low  |
| 140TH ST NE & GREENWAY AVE                          | 17.3          | 2.1         | 1.7        | 1.3                | 1.5        | 0.0               | 4.4         | 0.0             | Low  |
| 125TH AVE NE & HARPERS ST NE                        | 17.3          | 1.5         | 0.5        | 2.7                | 0.9        | 0.0               | 4.4         | 0.0             | Low  |
| CSAH 17 & Valley View Rd                            | 17.2          | 1.2         | 0.5        | 1.6                | 0.1        | 0.0               | 7.5         | 0.0             | Low  |
| SHEPARD RD & HOMER ST                               | 17.2          | 1.3         | 0.7        | 1.5                | 0.1        | 0.0               | 7.5         | 0.0             | Low  |
| HIGHWAY 55 & RIVER ST                               | 16.9          | 1.7         | 1.2        | 0.3                | 1.0        | 0.0               | 6.9         | 0.0             | Low  |
| TH 101 / I-94 South Ramp                            | 16.8          | 1.0         | 0.5        | 1.2                | 2.9        | 0.0               | 4.4         | 0.0             | Low  |
| COUNTY ROAD 92 & HIGHWAY 12                         | 16.7          | 1.5         | 0.2        | 3.6                | 0.4        | 0.0               | 3.8         | 0.0             | Low  |
| 33RD ST E & RED WING BLVD                           | 16.0          | 0.9         | 0.1        | 1.9                | 0.6        | 0.0               | 6.9         | 0.0             | Low  |
| HIGHWAY 65 NE & SIMS RD NE                          | 15.6          | 1.6         | 1.3        | 1.9                | 1.3        | 0.0               | 4.4         | 0.0             | Low  |
| 201th St W & Keokuk Ave & I-35 S Ramps              | 15.3          | 1.7         | 0.7        | 2.5                | 2.0        | 0.0               | 3.1         | 0.0             | Low  |
| HWY 3 & CSAH 32                                     | 15.2          | 1.0         | 0.3        | 1.6                | 1.8        | 0.0               | 5.0         | 0.0             | Low  |
| SHEPARD RD & RANKIN ST                              | 15.2          | 1.1         | 1.2        | 0.5                | 0.0        | 0.0               | 8.1         | 0.0             | Low  |
| HIGHWAY 7 & ROLLING ACRES RD & SMITHTOWN RD         | 14.9          | 1.5         | 0.7        | 1.7                | 1.2        | 0.0               | 5.0         | 0.0             | Low  |
| MAIN ST NW & OLIVE ST NW                            | 14.7          | 1.4         | 1.3        | 0.7                | 0.5        | 0.0               | 6.3         | 0.0             | Low  |
| 4TH ST NW & HIGHWAY 10                              | 14.6          | 1.6         | 1.8        | 0.7                | 0.5        | 0.0               | 5.0         | 0.0             | Low  |
| Lake Dr and I-35W S Ramps+                          | 14.6          | 1.3         | 0.5        | 2.0                | 0.7        | 0.0               | 5.0         | 0.0             | Low  |
| CSAH 42 & HWY 52 EAST RAMPS                         | 14.5          | 0.9         | 0.3        | 1.5                | 2.7        | 0.0               | 3.8         | 0.0             | Low  |
| FRONTAGE RD N & HASTINGS TRL & HIGHWAY 55           | 14.3          | 1.4         | 1.0        | 0.9                | 0.2        | 0.0               | 6.9         | 0.0             | Low  |
| CSAH 32 & I-35W EAST RAMPS                          | 13.9          | 1.6         | 1.3        | 0.0                | 1.6        | 0.0               | 5.0         | 0.0             | Low  |
| 140th St NW & McKenna Rd NW                         | 13.8          | 0.9         | 0.2        | 1.8                | 0.0        | 0.0               | 6.3         | 0.0             | Low  |
| Cedar Ave & Upper 164th St W                        | 13.7          | 1.4         | 0.6        | 1.6                | 1.2        | 0.0               | 5.0         | 0.0             | Low  |
| HIGHWAY 12 & MAIN ST E                              | 13.6          | 1.1         | 0.5        | 1.8                | 0.2        | 0.0               | 5.6         | 0.0             | Low  |
| COUNTY ROAD 42 E & SOUTHCROSS DR E & SUMMIT OAKS DR | 13.6          | 1.1         | 0.6        | 1.4                | 0.8        | 0.0               | 6.3         | 0.0             | Low  |
| CSAH 46 & HWY 52 EAST RAMPS                         | 12.7          | 0.6         | 0.7        | 0.4                | 2.5        | 0.0               | 4.4         | 0.0             | Low  |
| SHEPARD RD & ALTON ST                               | 12.7          | 0.9         | 1.1        | 0.1                | 0.2        | 0.0               | 8.1         | 0.0             | Low  |
| HWY 55 & HWY 62 SOUTH RAMPS                         | 12.3          | 1.4         | 0.6        | 1.9                | 2.0        | 0.0               | 3.1         | 0.0             | Low  |
| Cedar Ave & 170th St W                              | 12.3          | 1.4         | 0.6        | 1.8                | 0.6        | 0.0               | 4.4         | 0.0             | Low  |
| CSAH 42 & BISCAYNE AVE                              | 11.8          | 1.3         | 1.1        | 1.4                | 1.3        | 0.0               | 4.4         | 0.0             | Low  |
| 150TH ST W & CRESTONE AVE                           | 11.3          | 1.2         | 1.3        | 0.3                | 0.1        | 0.0               | 5.6         | 0.0             | Low  |
| CHURCH RD & HIGHWAY 7 & MINNEWASHTA PKWY            | 11.2          | 0.7         | 0.3        | 1.1                | 1.5        | 0.0               | 5.0         | 0.0             | Low  |
| 18TH AVE N & HIGHWAY 55                             | 10.9          | 0.7         | 0.3        | 1.1                | 0.1        | 0.0               | 6.3         | 1.0             | Low  |
| HIGHWAY 10 & WACO ST NW                             | 10.8          | 1.0         | 0.6        | 1.2                | 1.4        | 0.0               | 4.4         | 0.0             | Low  |
| NICOLAI AVE & RED WING BLVD                         | 10.4          | 0.4         | 0.1        | 0.7                | 1.5        | 0.0               | 5.6         | 0.0             | Low  |
| HWY 52 & CSAH 62                                    | 10.3          | 0.8         | 1.1        | 0.8                | 1.1        | 0.0               | 5.0         | 0.0             | Low  |
| DOGWOOD ST & HIGHWAY 55                             | 10.1          | 1.2         | 0.9        | 2.0                | 1.6        | 0.0               | 2.5         | 0.0             | Low  |
| CH 42 & Quebec Ave                                  | 9.7           | 0.1         | 0.0        | 0.1                | 2.7        | 0.0               | 4.4         | 0.0             | Low  |
| Cedar Ave & 162nd                                   | 9.7           | 1.1         | 0.5        | 1.2                | 0.3        | 0.0               | 5.0         | 0.0             | Low  |
| HALGREEN RD & HIGHWAY 12                            | 9.6           | 0.9         | 0.7        | 1.2                | 1.0        | 0.0               | 5.0         | 0.0             | Low  |
| FRONTAGE RD N & HIGHWAY 55                          | 9.5           | 0.9         | 0.8        | 0.0                | 0.1        | 0.0               | 6.9         | 0.0             | Low  |
| 140TH ST NE & CREST AVE & CREST AVE NE              | 9.2           | 1.1         | 0.6        | 0.7                | 1.2        | 0.0               | 4.4         | 0.0             | Low  |
| CREEK LN & HIGHWAY 169                              | 9.1           | 1.1         | 0.8        | 0.5                | 0.9        | 0.0               | 5.0         | 0.0             | Low  |
| TH 36 & KEATS AVE                                   | 9.0           | 0.9         | 0.7        | 0.9                | 1.3        | 0.0               | 4.4         | 0.0             | Low  |
| Lake Dr & 79th St+                                  | 9.0           | 0.6         | 0.2        | 1.2                | 0.7        | 0.0               | 5.6         | 0.0             | Low  |
| HWY 5 & VICTORIA DR                                 | 8.9           | 0.8         | 0.3        | 0.8                | 1.7        | 0.0               | 3.8         | 0.0             | Low  |
| HIGHWAY 7 & HUNTERS TRL & WILLOWOOD AVE             | 8.6           | 0.7         | 0.2        | 1.4                | 0.1        | 0.0               | 5.0         | 0.0             | Low  |
| TH 169 & BROADWAY ST                                | 8.4           | 0.9         | 1.3        | 0.4                | 0.3        | 0.0               | 4.4         | 0.0             | Low  |
| ASHLAND ST & HIGHWAY 55                             | 8.4           | 0.8         | 0.5        | 0.5                | 0.7        | 0.0               | 6.3         | 0.0             | Low  |
| CSAH 42 & BUSINESS PKWY                             | 8.4           | 0.8         | 1.0        | 0.6                | 0.2        | 0.0               | 5.6         | 0.0             | Low  |
| 125TH AVE NE & LEVER ST NE                          | 8.3           | 1.0         | 0.5        | 1.2                | 0.4        | 0.0               | 4.4         | 0.0             | Low  |
| 181ST AVE NE & HIGHWAY 65 NE                        | 8.0           | 0.9         | 0.5        | 1.0                | 0.3        | 0.0               | 5.0         | 0.0             | Low  |
| 215th St W & Holyoke Ave                            | 7.9           | 0.7         | 0.2        | 1.4                | 1.0        | 0.0               | 3.8         | 0.0             | Low  |
| HIGHLAND RD & HIGHWAY 7 & SIX MILE CREEK RD         | 7.9           | 0.6         | 0.2        | 1.3                | 0.3        | 0.0               | 5.0         | 0.0             | Low  |
| HIGHWAY 61 & KIMBRO AVES                            | 7.8           | 0.3         | 0.1        | 0.4                | 1.5        | 0.0               | 5.0         | 0.0             | Low  |
| SYNDICATE ST & HIGHWAY 169                          | 7.6           | 1.0         | 0.8        | 0.2                | 0.4        | 0.0               | 5.0         | 0.0             | Low  |
| CSAH 46 & HWY 52 WEST RAMPS                         | 7.5           | 0.7         | 0.7        | 0.7                | 1.2        | 0.0               | 4.4         | 0.0             | Low  |
| Cedar Ave & 200th St W                              | 7.4           | 0.8         | 0.3        | 1.2                | 0.9        | 0.0               | 3.8         | 0.0             | Low  |
| 217TH AVE NE & HIGHWAY 65 NE                        | 7.3           | 0.8         | 1.3        | 0.0                | 0.0        | 0.0               | 4.4         | 0.0             | Low  |
| 140th St NW & Shepherds Path NW                     | 7.2           | 0.6         | 0.2        | 1.2                | 0.0        | 0.0               | 5.0         | 0.0             | Low  |
| COUNTY ROAD 44 & HIGHWAY 7                          | 7.1           | 0.5         | 0.2        | 0.8                | 1.1        | 0.0               | 4.4         | 0.0             | Low  |
| HWY 10 & GARY ST                                    | 7.0           | 0.8         | 0.8        | 0.7                | 0.1        | 0.0               | 5.0         | 0.0             | Low  |
| 150TH ST W & CLARET AVE                             | 7.0           | 0.7         | 0.8        | 0.3                | 0.3        | 0.0               | 5.6         | 0.0             | Low  |
| 150TH ST W & CIMARRON AVE                           | 6.8           | 0.6         | 0.8        | 0.2                | 0.5        | 0.0               | 5.6         | 0.0             | Low  |
| 145TH ST E & CONLEY AVE                             | 6.8           | 0.6         | 0.1        | 1.6                | 0.0        | 0.0               | 3.8         | 0.0             | Low  |
| MAIN ST & WOODDUCK TRL                              | 6.7           | 0.7         | 0.7        | 0.3                | 0.9        | 0.0               | 5.0         | 0.0             | Low  |
| 215th St W & Jacquard Ave                           | 6.4           | 0.7         | 0.2        | 1.3                | 0.1        | 0.0               | 3.8         | 0.0             | Low  |
| HIGHWAY 169 & S MERIDIAN ST                         | 6.4           | 0.4         | 0.0        | 1.0                | 0.8        | 0.0               | 4.4         | 0.0             | Low  |
| Lake Dr and I-35W N Ramps+                          | 6.2           | 0.5         | 0.2        | 0.8                | 0.7        | 0.0               | 5.0         | 0.0             | Low  |
| 221ST AVE NE & HIGHWAY 65 NE                        | 6.2           | 0.8         | 0.8        | 0.5                | 1.7        | 0.0               | 2.5         | 0.0             | Low  |
| HIGHWAY 55 & ARROWHEAD DR                           | 5.9           | 0.9         | 1.1        | 0.8                | 0.7        | 0.0               | 3.1         | 0.0             | Low  |
| HIGHWAY 55 & WILLOW DR                              | 5.9           | 0.8         | 0.5        | 1.3                | 0.4        | 0.0               | 3.1         | 0.0             | Low  |
| HIGHWAY 55 & REBECCA PARK TR                        | 5.6           | 1.0         | 0.7        | 0.8                | 0.7        | 0.0               | 3.1         | 0.0             | Low  |
| RED WING BLVD & SPIRAL BLVD                         | 5.5           | 0.5         | 0.2        | 0.4                | 0.5        | 0.0               | 6.9         | 0.0             | Low  |
| BOWERS DR NW & HIGHWAY 10                           | 5.4           | 0.4         | 0.7        | 0.4                | 0.8        | 0.0               | 4.4         | 0.0             | Low  |
| HWY 12 & HOWARD AVE                                 | 5.3           | 0.4         | 0.6        | 0.1                | 0.5        | 0.0               | 5.6         | 0.0             | Low  |
| COURTHOUSE BLVD & PINE BEND TRAIL                   | 5.3           | 0.3         | 0.2        | 0.1                | 1.4        | 0.0               | 3.8         | 0.0             | Low  |
| HWY 95 & VALLEY CREEK RD                            | 5.2           | 0.4         | 0.2        | 0.5                | 0.9        | 0.0               | 4.4         | 0.0             | Low  |
| HWY 10 & 145TH ST                                   | 5.2           | 0.7         | 0.8        | 0.1                | 0.0        | 0.0               | 4.4         | 0.0             | Low  |
| CLAYTON AVE & PINE BEND TRL                         | 5.1           | 0.1         | 0.0        | 0.1                | 1.6        | 0.0               | 3.8         | 0.0             | Low  |
| TH 52 & 200TH ST                                    | 5.1           | 0.3         | 0.1        | 0.7                | 1.3        | 0.0               | 3.1         | 0.0             | Low  |
| HIGHWAY 7 & HIGHWAY 25                              | 5.0           | 0.5         | 0.2        | 0.7                | 0.4        | 0.0               | 5.0         | 0.0             | Low  |
| 200TH ST E & RED WING BLVD                          | 4.9           | 0.3         | 0.1        | 0.3                | 0.7        | 0.0               | 5.6         | 0.0             | Low  |
| CSAH 42 7 DUNDEE AVE                                | 4.8           | 0.4         | 0.3        | 0.1                | 0.8        | 0.0               | 5.0         | 0.0             | Low  |
| CSAH 42 & MEADOW LAWN TRL                           | 4.7           | 0.6         | 0.5        | 0.1                | 0.3        | 0.0               | 5.0         | 0.0             | Low  |
| HWY 61/HWY 50/HWY 20                                | 4.5           | 0.2         | 0.1        | 0.3                | 0.8        | 0.0               | 5.0         | 0.0             | Low  |

### Intersection Mobility and Safety Study Needs Assessment

| Intersection                                 | Overall Score | Total Delay | Peak Delay | Cross Street Delay | Crash Cost | Severe Crash Rate | SPACE Score | Passenger Delay | Tier |
|--|---------------|-------------|------------|--------------------|------------|-------------------|-------------|-----------------|------|
| HIGHWAY 10 & LLAMA ST NW                     | 4.4           | 0.4         | 0.7        | 0.1                | 0.2        | 0.0               | 5.0         | 0.0             | Low  |
| HWY 55 & MOHAWK DR                           | 4.3           | 0.8         | 0.8        | 0.5                | 0.2        | 0.0               | 3.1         | 0.0             | Low  |
| TH55 / CSAH 32                               | 4.2           | 0.6         | 0.2        | 1.0                | 0.5        | 0.0               | 3.1         | 0.0             | Low  |
| HWY 7 & KINGS POINT RD                       | 4.0           | 0.5         | 0.2        | 0.4                | 1.0        | 0.0               | 3.1         | 0.0             | Low  |
| TH 36 & DEMONTREVILLE TRL                    | 4.0           | 0.6         | 0.6        | 0.1                | 0.6        | 0.0               | 3.8         | 0.0             | Low  |
| CH 42 & Redwood Dr                           | 4.0           | 0.1         | 0.0        | 0.1                | 0.7        | 0.0               | 6.3         | 0.0             | Low  |
| TH 169 & 150TH ST                            | 3.9           | 0.4         | 0.3        | 0.4                | 0.6        | 0.0               | 4.4         | 0.0             | Low  |
| 173RD ST W & HIGHWAY 169                     | 3.8           | 0.1         | 0.0        | 0.1                | 1.2        | 0.0               | 3.8         | 0.0             | Low  |
| 219TH AVE NE & HIGHWAY 65 NE                 | 3.8           | 0.5         | 0.5        | 0.1                | 0.5        | 0.0               | 4.4         | 0.0             | Low  |
| HIGHWAY 55 & JACOB AVE                       | 3.7           | 0.4         | 0.3        | 0.1                | 0.2        | 0.0               | 6.3         | 0.0             | Low  |
| COUNTY ROAD 131 & HIGHWAY 212                | 3.7           | 0.3         | 0.1        | 0.3                | 0.8        | 0.0               | 3.8         | 0.0             | Low  |
| HWY 55 & TOWN LINE RD                        | 3.6           | 0.6         | 0.8        | 0.1                | 0.1        | 0.0               | 3.1         | 0.0             | Low  |
| COUNTY ROAD 21 & HIGHWAY 7                   | 3.5           | 0.3         | 0.1        | 0.8                | 0.3        | 0.0               | 3.8         | 0.0             | Low  |
| HIGHWAY 212 & HIGHWAY 36                     | 3.4           | 0.6         | 0.2        | 1.0                | 0.2        | 0.0               | 2.5         | 0.0             | Low  |
| 213TH AVE NW & HIGHWAY 169                   | 3.3           | 0.4         | 0.2        | 0.5                | 0.3        | 0.0               | 4.4         | 0.0             | Low  |
| 241ST AVE NE & HIGHWAY 65 NE                 | 3.2           | 0.6         | 0.5        | 0.1                | 0.7        | 0.0               | 3.1         | 0.0             | Low  |
| Lake Dr and Oak Ln+                          | 3.1           | 0.2         | 0.0        | 0.3                | 0.4        | 0.0               | 5.6         | 0.0             | Low  |
| COUNTY ROAD 33 & HIGHWAY 7                   | 3.1           | 0.2         | 0.1        | 0.5                | 1.4        | 0.0               | 1.9         | 0.0             | Low  |
| CH 42 & Embry Path                           | 2.9           | 0.1         | 0.0        | 0.1                | 0.6        | 0.0               | 5.6         | 0.0             | Low  |
| HIGHWAY 36 & HIGHLANDS TRL N                 | 2.8           | 0.4         | 0.3        | 0.1                | 0.3        | 0.0               | 5.0         | 0.0             | Low  |
| CSAH 42 & WILDS PATH                         | 2.8           | 0.4         | 0.3        | 0.1                | 0.0        | 0.0               | 5.0         | 0.0             | Low  |
| CSAH 17 & Wood Duck Trl E                    | 2.7           | 0.2         | 0.1        | 0.4                | 0.1        | 0.0               | 5.6         | 0.0             | Low  |
| CSAH 42 & DAKOTA PKWY                        | 2.6           | 0.2         | 0.2        | 0.1                | 0.3        | 0.0               | 6.3         | 0.0             | Low  |
| HWY 12 & NELSON RD                           | 2.6           | 0.5         | 0.7        | 0.1                | 0.4        | 0.0               | 2.5         | 0.0             | Low  |
| 140TH ST E & CLAYTON AVE                     | 2.6           | 0.2         | 0.1        | 0.2                | 0.6        | 0.0               | 3.8         | 0.0             | Low  |
| 233RD AVE NE & HIGHWAY 65 NE                 | 2.5           | 0.6         | 0.6        | 0.2                | 0.3        | 0.0               | 2.5         | 0.0             | Low  |
| CSAH 42 & AUBURN AVE                         | 2.4           | 0.1         | 0.0        | 0.1                | 0.5        | 0.0               | 4.4         | 0.0             | Low  |
| CSAH 42 & Rutgers St NE                      | 2.4           | 0.1         | 0.0        | 0.1                | 0.5        | 0.0               | 5.0         | 0.0             | Low  |
| HIGHWAY 55 & PINE BEND TRAIL                 | 2.3           | 0.3         | 0.3        | 0.1                | 0.0        | 0.0               | 5.0         | 0.0             | Low  |
| HIGHWAY 55 & HORNER AVE                      | 2.2           | 0.2         | 0.2        | 0.1                | 0.3        | 0.0               | 5.0         | 0.0             | Low  |
| Cedar Ave & 210th St W                       | 2.2           | 0.1         | 0.0        | 0.1                | 0.5        | 0.0               | 4.4         | 0.0             | Low  |
| HIGHWAY 212 & HIGHWAY 36                     | 2.1           | 0.2         | 0.1        | 0.5                | 0.4        | 0.0               | 3.1         | 0.0             | Low  |
| COUNTY ROAD 123 & COUNTY ROAD 23 & HIGHWAY 7 | 2.1           | 0.2         | 0.0        | 0.4                | 0.2        | 0.0               | 4.4         | 0.0             | Low  |
| HIGHWAY 55 & ROLLING HILLS RD                | 2.0           | 0.4         | 0.3        | 0.4                | 0.0        | 0.0               | 3.1         | 0.0             | Low  |
| CSAH 42 & ROLLING OAKS CIRCLE                | 2.0           | 0.3         | 0.2        | 0.1                | 0.0        | 0.0               | 5.0         | 0.0             | Low  |
| 229TH AVE NE & HIGHWAY 65 NE                 | 1.9           | 0.4         | 0.3        | 0.4                | 0.5        | 0.0               | 2.5         | 0.0             | Low  |
| Cedar Ave & 167th St W                       | 1.9           | 0.1         | 0.0        | 0.1                | 0.4        | 0.0               | 4.4         | 0.0             | Low  |
| CSAH 42 & AUDREY AVE                         | 1.7           | 0.2         | 0.2        | 0.1                | 0.3        | 0.0               | 4.4         | 0.0             | Low  |
| 215th St W & Humboldt Ct                     | 1.7           | 0.0         | 0.0        | 0.1                | 0.5        | 0.0               | 3.8         | 0.0             | Low  |
| Cedar Ave & 190th St W                       | 1.6           | 0.2         | 0.1        | 0.3                | 0.3        | 0.0               | 3.1         | 0.0             | Low  |
| Cedar Ave & 205th St W                       | 1.6           | 0.1         | 0.0        | 0.1                | 0.4        | 0.0               | 4.4         | 0.0             | Low  |
| COUNTY ROAD 92 N & HIGHWAY 12 & MUD LAKE RD  | 1.5           | 0.2         | 0.1        | 0.2                | 0.2        | 0.0               | 3.8         | 0.0             | Low  |
| HIGHWAY 212 & MARKET AVE                     | 1.5           | 0.2         | 0.1        | 0.0                | 0.4        | 0.0               | 3.1         | 0.0             | Low  |
| CSAH 42 & Crownline Dr NE                    | 1.5           | 0.1         | 0.0        | 0.1                | 0.3        | 0.0               | 5.0         | 0.0             | Low  |
| GERMAN RD & HIGHWAY 169                      | 1.5           | 0.1         | 0.0        | 0.2                | 0.3        | 0.0               | 3.8         | 0.0             | Low  |
| HWY 52 & 250TH ST                            | 1.5           | 0.1         | 0.0        | 0.1                | 0.5        | 0.0               | 3.1         | 0.0             | Low  |
| HIGHWAY 212 & HIGHWAY 153                    | 1.4           | 0.3         | 0.2        | 0.3                | 0.2        | 0.0               | 3.1         | 0.0             | Low  |
| HIGHWAY 55 & FISCHER AVE                     | 1.4           | 0.3         | 0.3        | 0.1                | 0.0        | 0.0               | 3.1         | 0.0             | Low  |
| BLAKELEY TRL & HIGHWAY 169                   | 1.4           | 0.1         | 0.0        | 0.2                | 0.3        | 0.0               | 3.1         | 0.0             | Low  |
| COURTHOUSE BLVD & FAHEY AVE                  | 1.4           | 0.2         | 0.2        | 0.1                | 0.3        | 0.0               | 3.1         | 0.0             | Low  |
| Cedar Ave & 161st St W                       | 1.3           | 0.1         | 0.0        | 0.1                | 0.3        | 0.0               | 5.0         | 0.0             | Low  |
| COUNTY ROAD 155 & HIGHWAY 7                  | 1.3           | 0.1         | 0.1        | 0.2                | 0.2        | 0.0               | 4.4         | 0.0             | Low  |
| HWY 55 & SIOUX TRAIL                         | 1.3           | 0.3         | 0.2        | 0.1                | 0.0        | 0.0               | 3.1         | 0.0             | Low  |
| HWY 55 & TOWN HALL DR                        | 1.2           | 0.2         | 0.2        | 0.1                | 0.3        | 0.0               | 3.1         | 0.0             | Low  |
| HIGHWAY 52 & ROCHESTER BLVD                  | 1.2           | 0.1         | 0.0        | 0.3                | 0.3        | 0.0               | 2.5         | 0.0             | Low  |
| HWY 55 & LAKE SARAH HEIGHTS DR               | 1.2           | 0.2         | 0.2        | 0.1                | 0.0        | 0.0               | 3.1         | 0.0             | Low  |
| Lake Dr & 77th St W                          | 1.1           | 0.1         | 0.0        | 0.2                | 0.1        | 0.0               | 5.0         | 0.0             | Low  |
| HWY 212 & KELLY AVE                          | 1.1           | 0.2         | 0.2        | 0.1                | 0.3        | 0.0               | 2.5         | 0.0             | Low  |
| HWY 12 & COPELAND RD                         | 1.0           | 0.2         | 0.2        | 0.1                | 0.2        | 0.0               | 3.1         | 0.0             | Low  |
| Cedar Ave & Upper 167th St W                 | 1.0           | 0.1         | 0.0        | 0.1                | 0.2        | 0.0               | 4.4         | 0.0             | Low  |
| HWY 7 & POLK AVE                             | 1.0           | 0.2         | 0.1        | 0.1                | 0.0        | 0.0               | 5.0         | 0.0             | Low  |
| SHEPARD RD & HWY 5 EAST RAMP                 | 0.9           | 0.0         | 0.0        | 0.0                | 0.1        | 0.0               | 7.5         | 0.0             | Low  |
| HWY 12 & LAKE HAUGHEY RD                     | 0.9           | 0.2         | 0.2        | 0.1                | 0.2        | 0.0               | 3.1         | 0.0             | Low  |
| 190TH ST E & RED WING BLVD                   | 0.8           | 0.1         | 0.1        | 0.0                | 0.1        | 0.0               | 5.6         | 0.0             | Low  |
| 142ND ST E & 145TH ST E                      | 0.7           | 0.1         | 0.2        | 0.1                | 0.0        | 0.0               | 3.1         | 0.0             | Low  |
| HWY 55 & VERNON ST                           | 0.7           | 0.2         | 0.2        | 0.1                | 0.0        | 0.0               | 2.5         | 0.0             | Low  |
| HIGHWAY 169 & RAVEN RD                       | 0.6           | 0.0         | 0.0        | 0.0                | 0.2        | 0.0               | 3.1         | 0.0             | Low  |
| Cedar Ave & Upper 167th Ct                   | 0.5           | 0.1         | 0.0        | 0.1                | 0.0        | 0.0               | 4.4         | 0.0             | Low  |
| Cedar Ave & Gemini Trl                       | 0.5           | 0.1         | 0.0        | 0.1                | 0.0        | 0.0               | 4.4         | 0.0             | Low  |
| 215th St W & Hanover Ave                     | 0.4           | 0.0         | 0.0        | 0.1                | 0.0        | 0.0               | 4.4         | 0.0             | Low  |
| Cedar Ave & 183rd St W                       | 0.4           | 0.1         | 0.0        | 0.1                | 0.1        | 0.0               | 3.1         | 0.0             | Low  |
| Cedar Ave & 185th St W                       | 0.4           | 0.1         | 0.0        | 0.1                | 0.0        | 0.0               | 3.1         | 0.0             | Low  |
| HWY 55 & SIOUX TRAIL                         | 0.3           | 0.0         | 0.0        | 0.1                | 0.0        | 0.0               | 2.5         | 0.0             | Low  |