

CSAH 78 @ CR 18 - SIGNAL CODE 7278 - BY PHASE TIMING

PROPOSED - 10/23/2025

BY PHASE TIMING DATA

| PHASE | ø1 | ø2 | ø3 | ø4 | ø5 | ø6 | ø7 | ø8 |
|---------------------|------|-----|------|-----|------|-----|------|-----|
| DIRECTION | SBLT | NBT | WBLT | EBT | NBLT | SBT | EBLT | WBT |
| MINIMUM GREEN | 7 | 15 | 7 | 10 | 7 | 15 | 7 | 10 |
| BK MIN GREEN | | | | | | | | |
| CS MIN GREEN | | | | | | | | |
| DELAY GREEN | | | | | | | | |
| WALK | | 7 | | 7 | | 7 | | 7 |
| WALK 2 | | | | | | | | |
| PED CLEAR | | 29 | | 27 | | 28 | | 35 |
| PED CLEAR 2 | | | | | | | | |
| VEHICLE EXT | 2.1 | 5.6 | 2.1 | 2.5 | 2.1 | 5.9 | 2.1 | 2.5 |
| VEHICLE EXT 2 | | | | | | | | |
| MAX 1 | 20 | 30 | 35 | 45 | 20 | 40 | 20 | 45 |
| MAX 2 (6:30 - 8 AM) | | | 60 | | | | | |
| MAX 3 (3 - 7 PM) | | 75 | | | 35 | | 35 | |
| DYM MAX | | | | | | | | |
| DYM STP | | | | | | | | |
| YELLOW | 3.0 | 5.1 | 3.0 | 4.3 | 3.0 | 5.2 | 3.0 | 4.5 |
| RED CLEAR | 2.9 | 1.6 | 3.0 | 2.5 | 3.0 | 1.5 | 3.3 | 2.3 |
| RED MAX | | | | | | | | |
| RED REVERT | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 |
| ACT B4 | | | | | | | | |
| SEC/ACT | | 1.5 | | | | 1.5 | | |
| MAX INT | | 41 | | | | 43 | | |
| TIME B4 | | 17 | | | | 17 | | |
| CARS WT | | | | | | | | |
| STPT DUC | | | | | | | | |
| TIME TO REDUCE | | 17 | | | | 17 | | |
| MIN GAP | | 2.5 | | | | 3.0 | | |

Detector Extend/Delay

D4-1 extend - 2.0 sec.

D4-2 delay - 10.0 sec.

D8-1 extend - 2.0 sec.

D8-2 delay - 10.0 sec.

ø1, ø3, ø5, and ø7 left turn phases will operate in protected only mode Mon - Fri from 6:30 - 10 AM and 2 - 7 PM, and in FYA mode all other hours

Set MAX 2 by Time of DAY (TOD) from 6:30-8:00 AM, Monday-Friday

Set MAX 3 by Time of DAY (TOD) from 3:00-7:00 PM, Monday-Friday

Logic implemented to omit FYA with a conflicting ped call for all four left turn phases for all hours daily. FYA is omitted for all of the WALK and a portion of the pedestrian clearance time.

CSAH 78 & CR 18-Crosstown Blvd. (Sys ID 7278)

FYA Time-of-Day Operation as of - 4/11/2024

| Day Plan | Event | Action Plan | Start Time | Left-Turn FYA Operation | | | | |
|---------------------------|-------|-------------|------------|-------------------------|-----------------------|----------------------|----------------------|-------|
| | | | | Phase 1 (Southbound) | Phases 5 (Northbound) | Phase 3 (Westbound) | Phase 7 (Eastbound) | |
| Day Plan 1 (Mon - Fri) | 1 | 2 | 0:00 | Protected-Permissive | Protected-Permissive | Protected-Permissive | Protected-Permissive | Max 2 |
| | 2 | 3 | 6:30 | Protected-Only | Protected-Only | Protected-Only | Protected-Only | |
| | 3 | 1 | 8:00 | Protected-Only | Protected-Only | Protected-Only | Protected-Only | |
| | 4 | 2 | 10:00 | Protected-Permissive | Protected-Permissive | Protected-Permissive | Protected-Permissive | Max 3 |
| | 5 | 4 | 14:00 | Protected-Only | Protected-Only | Protected-Only | Protected-Only | |
| | 6 | 2 | 19:00 | Protected-Permissive | Protected-Permissive | Protected-Permissive | Protected-Permissive | |
| Day Plan 2 (Sat - Sun) | 1 | 2 | 0:00 | Protected-Permissive | Protected-Permissive | Protected-Permissive | Protected-Permissive | |