

**CSAH 9 @ 138th Ln - SIGNAL CODE 7099 - BY PHASE TIMING
PROPOSED - 12/30/2025**

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 | | 10 | 7 | 15 | | 10 |
| BK MIN GREEN | | | | | | | | |
| CS MIN GREEN | | | | | | | | |
| DELAY GREEN | | | | | | | | |
| WALK | | 7 | | 7 | | | | 7 |
| WALK 2 | | | | | | | | |
| PED CLEAR | | 20 | | 26 | | 0 | | 26 |
| PED CLEAR 2 | | | | | | | | |
| VEHICLE EXT | 2.1 | 6.9 | | 2.1 | 2.1 | 6.9 | | 2.1 |
| VEHICLE EXT 2 | | | | | | | | |
| MAX 1 | 15 | 55 | | 15 | 15 | 55 | | 15 |
| MAX 2 | | | | | | | | |
| MAX 3 | | | | | | | | |
| DYM MAX | | | | | | | | |
| DYM STP | | | | | | | | |
| YELLOW | 3.0 | 4.3 | | 3.2 | 3.0 | 4.3 | | 3.2 |
| RED CLEAR | 2.7 | 1.4 | | 2.6 | 2.5 | 1.4 | | 2.6 |
| RED MAX | | | | | | | | |
| RED REVERT | 6.0 | 6.0 | | 6.0 | 6.0 | 6.0 | | 6.0 |
| ACT B4 | | | | | | | | |
| SEC/ACT | | 1.5 | | | | 1.5 | | |
| MAX INT | | 41 | | | | 41 | | |
| TIME B4 | | 19 | | | | 19 | | |
| CARS WT | | | | | | | | |
| STPT DUC | | | | | | | | |
| TIME TO REDUCE | | 19 | | | | 19 | | |
| MIN GAP | | 4.5 | | | | 4.5 | | |

Detector Extend/Delay

D4-1 delay - 5.0 sec.

D4-2 delay - 5.0 sec.

D4-3 delay - 5.0 sec.

D4-4 delay - 5.0 sec.

D4-5 delay - 5.0 sec.

D8-1 delay - 10.0 sec.

D8-3 delay - 10.0 sec.

ø1 and ø5 left turn phases will operate in protected only mode daily from 6 - 9 AM and 2 - 7 PM, and in FYA mode all other hours

CSAH 9 & 138th Ln (Sys ID 7099)

FYA Time-of-Day Operation as of - 12/30/2025

| Day Plan | Event | Action Plan | Start Time | Left-Turn FYA Operation | | |
|---------------------------|-------|-------------|------------|-------------------------|----------------------|--------------------|
| | | | | Phase 1 (Southbound) | Phase 5 (Northbound) | |
| Day Plan 1 (Mon - Fri) | 1 | 100 | 0:00 | Protected-Permissive | Protected-Permissive | |
| | 2 | 23 | 6:00 | Protected-Only | Protected-Only | |
| | 3 | 54 | 8:30 | Protected-Only | Protected-Only | Pattern 24 |
| | 4 | 24 | 9:00 | Protected-Permissive | Protected-Permissive | |
| | 5 | 25 | 11:00 | Protected-Permissive | Protected-Permissive | |
| | 6 | 55 | 14:00 | Protected-Only | Protected-Only | Pattern 25 |
| | 7 | 27 | 15:30 | Protected-Only | Protected-Only | |
| | 8 | 65 | 18:00 | Protected-Only | Protected-Only | Pattern 35 |
| | 9 | 35 | 19:00 | Protected-Permissive | Protected-Permissive | |
| | 10 | 24 | 21:00 | Protected-Permissive | Protected-Permissive | |
| | 11 | 100 | 22:00 | Protected-Permissive | Protected-Permissive | |
| Day Plan 2 (Sat - Sun) | 1 | 100 | 0:00 | Protected-Permissive | Protected-Permissive | |
| | 2 | 50 | 6:00 | Protected-Only | Protected-Only | Pattern 100 (FREE) |
| | 3 | 65 | 8:00 | Protected-Only | Protected-Only | Pattern 35 |
| | 4 | 35 | 9:00 | Protected-Permissive | Protected-Permissive | |
| | 5 | 65 | 14:00 | Protected-Only | Protected-Only | Pattern 35 |
| | 6 | 35 | 19:00 | Protected-Permissive | Protected-Permissive | |
| | 7 | 24 | 20:00 | Protected-Permissive | Protected-Permissive | |
| | 8 | 100 | 21:30 | Protected-Permissive | Protected-Permissive | |