

# CSAH 1 @ CSAH 11 - SIGNAL CODE 7021 - BY PHASE TIMING

PROPOSED - 04/11/2022

## 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  | 5    | 8   | 7    | 15  |      | 8   |
| BK MIN GREEN   |      |     |      |     |      |     |      |     |
| CS MIN GREEN   |      |     |      |     |      |     |      |     |
| DELAY GREEN    |      |     |      |     |      |     |      |     |
| WALK           |      | 7   |      | 7   |      | 7   |      | 7   |
| WALK 2         |      |     |      |     |      |     |      |     |
| PED CLEAR      |      | 24  |      | 27  |      | 11  |      | 34  |
| PED CLEAR 2    |      |     |      |     |      |     |      |     |
| VEHICLE EXT    | 2.1  | 4.6 | 2.1  | 2.5 | 2.1  | 4.6 |      | 2.5 |
| VEHICLE EXT 2  |      |     |      |     |      |     |      |     |
| MAX 1          | 15   | 75  | 20   | 20  | 15   | 75  |      | 20  |
| MAX 2          |      |     |      |     |      |     |      |     |
| MAX 3          |      |     |      |     |      |     |      |     |
| DYM MAX        |      |     |      |     |      |     |      |     |
| DYM STP        |      |     |      |     |      |     |      |     |
| YELLOW         | 3.0  | 4.3 | 3.0  | 3.2 | 3.0  | 4.3 |      | 4.5 |
| RED CLEAR      | 2.9  | 1.9 | 2.9  | 4.0 | 3.0  | 1.9 |      | 2.7 |
| RED MAX        |      |     |      |     |      |     |      |     |
| RED REVERT     | 6.0  | 6.0 | 6.0  | 6.0 | 6.0  | 6.0 |      | 6.0 |
| ACT B4         |      |     |      |     |      |     |      |     |
| SEC/ACT        |      | 1.5 |      |     |      | 1.5 |      |     |
| MAX INT        |      | 28  |      |     |      | 28  |      |     |
| TIME B4        |      | 25  |      |     |      | 25  |      |     |
| CARS WT        |      |     |      |     |      |     |      |     |
| STPT DUC       |      |     |      |     |      |     |      |     |
| TIME TO REDUCE |      | 25  |      |     |      | 25  |      |     |
| MIN GAP        |      | 2.0 |      |     |      | 2.0 |      |     |

### Detector Extend/Delay

D4-1 delay - 10.0 sec.

D8-1 extend - 1.5 sec.

D8-2 delay - 10.0 sec.

Set ø3 detectors to call/extend ø8 in MM6-1. Set ø4 and ø8 minimum greens to 8.0 sec

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

ø3 left turn phase will operate in FYA mode for all hours daily

**CSAH 1 (East River Rd.) & CSAH 11 (Foley Blvd.) (Sys ID 7021)**

**FYA Time-of-Day Operation as of -**

| Day Plan   | Event | Action Plan | Start Time | Left-Turn FYA Operation |                       |                      |
|------------|-------|-------------|------------|-------------------------|-----------------------|----------------------|
|            |       |             |            | Phase 1 (Southbound)    | Phases 5 (Northbound) | Phase 3 (Westbound)  |
| Day Plan 1 | 1     | 2           | 0:00       | Protected-Permissive    | Protected-Permissive  | Protected-Permissive |
|            | 2     | 1           | 6:00       | Protected-Only          | Protected-Only        | Protected-Permissive |
|            | 3     | 2           | 9:00       | Protected-Permissive    | Protected-Permissive  | Protected-Permissive |
|            | 4     | 1           | 14:00      | Protected-Only          | Protected-Only        | Protected-Permissive |
|            | 5     | 2           | 19:00      | Protected-Permissive    | Protected-Permissive  | Protected-Permissive |
| Day Plan 2 | 1     | 2           | 0:00       | Protected-Permissive    | Protected-Permissive  | Protected-Permissive |