

CSAH 116 @ CSAH 9 - SIGNAL CODE 7091 - 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	7	10	7	15	7	10
BK MIN GREEN								
CS MIN GREEN								
DELAY GREEN								
WALK		7		7		7		7
WALK 2								
PED CLEAR		30		31		31		32
PED CLEAR 2								
VEHICLE EXT	2.1	6.9	2.1	2.4	2.1	6.9	2.1	2.4
VEHICLE EXT 2								
MAX 1	15	55	40	55	35	55	15	40
MAX 2								
MAX 3								
DYM MAX								
DYM STP								
YELLOW	3.0	4.3	3.0	4.3	3.0	4.3	3.0	4.3
RED CLEAR	3.7	2.4	3.8	2.4	3.8	2.4	4.3	2.4
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				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 extend - 4.0 sec.
- D4-2 extend - 4.0 sec.
- D4-3 delay - 10.0 sec.
- D4-6 delay - 10.0 sec.
- D8-1 extend - 4.0 sec.
- D8-2 extend - 4.0 sec.
- D8-3 delay - 10.0 sec.
- D8-6 delay - 10.0 sec.

ø1, ø3, ø5 and ø7 left turn phases will operate in protected only mode daily from 6 AM - 9 PM, and in FYA mode all other hours

ø6 has advance detectors in 2 lanes just before approach expands to 3 lanes closer to intersection, use 1.5 sec/act

FYA Time-of-Day Operation as of - 12/29/2025

Day Plan	Event	Action Plan	Start Time	Left-Turn FYA Operation				
				Phase 1 (Southbound)	Phase 3 (Westbound)	Phase 5 (Northbound)	Phases 7 (Eastbound)	
Day Plan 1 (Mon - Fri)	1	100	0:00	Protected-Permissive	Protected-Permissive	Protected-Permissive	Protected-Permissive	
	2	23	6:00	Protected-Only	Protected-Only	Protected-Only	Protected-Only	
	3	24	8:30	Protected-Only	Protected-Only	Protected-Only	Protected-Only	
	4	25	11:00	Protected-Only	Protected-Only	Protected-Only	Protected-Only	
	5	27	15:30	Protected-Only	Protected-Only	Protected-Only	Protected-Only	
	6	25	18:00	Protected-Only	Protected-Only	Protected-Only	Protected-Only	
	7	34	21:00	Protected-Permissive	Protected-Permissive	Protected-Permissive	Protected-Permissive	
	8	100	22:00	Protected-Permissive	Protected-Permissive	Protected-Permissive	Protected-Permissive	
Day Plan 2 (Sat - Sun)	1	100	0:00	Protected-Permissive	Protected-Permissive	Protected-Permissive	Protected-Permissive	
	2	50	6:00	Protected-Only	Protected-Only	Protected-Only	Protected-Only	Pattern 100 (FREE)
	3	25	8:00	Protected-Only	Protected-Only	Protected-Only	Protected-Only	
	4	24	20:00	Protected-Only	Protected-Only	Protected-Only	Protected-Only	
	5	50	21:00	Protected-Only	Protected-Only	Protected-Only	Protected-Only	Pattern 100 (FREE)
	6	100	21:30	Protected-Permissive	Protected-Permissive	Protected-Permissive	Protected-Permissive	