

**CSAH 116 @ Heather St - SIGNAL CODE 7141 - BY PHASE TIMING
PROPOSED - 06/12/2025**

BY PHASE TIMING DATA

PHASE	ø1	ø2	ø3	ø4	ø5	ø6	ø7	ø8
DIRECTION	WBLT	EBT	NBLT	SBT	EBLT	WBT	SBLT	NBT
MINIMUM GREEN	7	15	5	10	7	15	5	10
BK MIN GREEN								
CS MIN GREEN								
DELAY GREEN								
WALK		7		7		7		7
WALK 2								
PED CLEAR		13		29		19		29
PED CLEAR 2								
VEHICLE EXT	2.1	5.6	2.1	2.1	2.1	5.6	2.1	2.1
VEHICLE EXT 2								
MAX 1	15	55	15	20	20	55	30	20
MAX 2								
MAX 3								
DYM MAX								
DYM STP								
YELLOW	3.0	4.7	3.0	3.2	3.0	4.7	3.0	3.2
RED CLEAR	2.9	1.3	2.2	2.8	2.8	1.3	2.2	2.8
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		37				37		
TIME B4		19				19		
CARS WT								
STPT DUC								
TIME TO REDUCE		19				19		
MIN GAP		3.0				3.0		

Detector Extend/Delay

D3-2 delay - 2.0 sec.

D4-1 delay - 5.0 sec.

D4-2 delay - 5.0 sec.

D8-1 extend - 2.0 sec.

D8-2 delay - 5.0 sec.

D8-3 delay - 5.0 sec.

ø1 and ø5 left turn phases will operate in protected only mode Monday-Friday from 7 - 8 AM, 2 -6 PM, and in FYA mode all other hours

ø3 and ø7 left turn phases will operate in FYA mode for all hours daily

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.