

**CSAH 14 @ CSAH 18 - SIGNAL CODE 7154 - BY PHASE TIMING
PROPOSED - 04/22/2021**

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	7	10	7	15	7	10
BK MIN GREEN								
CS MIN GREEN								
DELAY GREEN								
WALK		7		13		7		16
WALK 2								
PED CLEAR		24		16		24		16
PED CLEAR 2								
VEHICLE EXT	2.1	6.0	2.1	2.5	2.1	5.8	2.1	2.5
VEHICLE EXT 2								
MAX 1	15	75	20	20	45	75	20	20
MAX 2					75			
MAX 3								
DYM MAX								
DYM STP								
YELLOW	3.0	5.2	3.0	4.5	3.0	5.2	3.0	3.3
RED CLEAR	3.5	1.5	3.4	2.4	3.5	1.5	3.4	3.6
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		43				42		
TIME B4		25				25		
CARS WT								
STPT DUC								
TIME TO REDUCE		25				25		
MIN GAP		3.0				3.0		

Detector Extend/Delay

D4-1 extend - 2.0 sec.

D8-1 - NO extend

D8-2 delay - 5.0 sec.

Set MAX 2 by Time of Day (TOD) for phase 5 in Action Plan #4

ø1 and ø5 left turn phases will operate in protected only mode daily from 6 AM - 10 PM, and in FYA mode all other hours

ø3 and ø7 left turn phases will operate in protected only mode Monday-Friday from 9:30/10 AM - 9 PM, and Saturday-Sunday from 9 AM - 6 PM, and in FYA mode all other hours

CSAH 14 (Main St.) & CSAH 18 (Coon Creek Blvd.) (Sys ID 7154)

FYA Time-of-Day Operation as of -

Day Plan	Event	Action Plan	Start Time	Left-Turn FYA Operation				
				Phase 1 (Westbound)	Phases 5 (Eastbound)	Phase 3 (Northbound)	Phase 7 (Southbound)	
Day Plan 1	1	100	0:00	Protected-Permissive	Protected-Permissive	Protected-Permissive	Protected-Permissive	
	2	1	6:00	Protected-Only	Protected-Only	Protected-Permissive	Protected-Permissive	
	3	2	9:30	Protected-Only	Protected-Only	Protected-Only	Protected-Only	
	4	3	11:00	Protected-Only	Protected-Only	Protected-Only	Protected-Only	
	5	4	15:30	Protected-Only	Protected-Only	Protected-Only	Protected-Only	Phase 5 Max 2
	6	5	18:00	Protected-Only	Protected-Only	Protected-Only	Protected-Only	
	7	2	19:30	Protected-Only	Protected-Only	Protected-Only	Protected-Only	
	8	7	21:00	Protected-Only	Protected-Only	Protected-Permissive	Protected-Permissive	Pattern 254
	9	100	22:00	Protected-Permissive	Protected-Permissive	Protected-Permissive	Protected-Permissive	
Day Plan 2	1	100	0:00	Protected-Permissive	Protected-Permissive	Protected-Permissive	Protected-Permissive	
	2	7	6:00	Protected-Only	Protected-Only	Protected-Permissive	Protected-Permissive	Pattern 254
	3	6	8:00	Protected-Only	Protected-Only	Protected-Permissive	Protected-Permissive	Pattern 2
	4	2	9:00	Protected-Only	Protected-Only	Protected-Only	Protected-Only	
	5	3	11:00	Protected-Only	Protected-Only	Protected-Only	Protected-Only	
	6	6	18:00	Protected-Only	Protected-Only	Protected-Permissive	Protected-Permissive	Pattern 2
	7	7	21:00	Protected-Only	Protected-Only	Protected-Permissive	Protected-Permissive	Pattern 254
	8	100	22:00	Protected-Permissive	Protected-Permissive	Protected-Permissive	Protected-Permissive	