

**CSAH 9 @ CSAH 20 (161st Ave.) - SIGNAL CODE 7095 - BY PHASE TIMING
PROPOSED - 04/11/2023**

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	5	8
BK MIN GREEN								
CS MIN GREEN								
DELAY GREEN								
WALK		7		7		7		7
WALK 2								
PED CLEAR		27		26		22		24
PED CLEAR 2								
VEHICLE EXT	2.1	5.8	2.1	2.5	2.1	5.8	2.1	2.5
VEHICLE EXT 2								
MAX 1	15	65	30	20	15	55	15	20
MAX 2								
MAX 3								
DYM MAX								
DYM STP								
YELLOW	3.0	5.0	3.0	3.6	3.0	5.0	3.0	5.1
RED CLEAR	2.6	1.4	2.4	2.0	2.8	1.4	2.3	2.0
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				2.0		
MAX INT		42				42		
TIME B4		22				19		
CARS WT								
STPT DUC								
TIME TO REDUCE		22				19		
MIN GAP		3.0				3.0		

Detector Extend/Delay

D1-2 delay - 2.0 sec.

D3-2 delay - 2.0 sec.

D4-1 extend - 0.5 sec.

D4-2 delay - 10.0 sec.

D5-2 delay - 2.0 sec.

D7-2 delay - 2.0 sec.

D8-1 extend - 3.0 sec.

D8-2 delay - 10.0 sec.

Set ø3 detectors to call/extend ø8, and set ø7 detectors to call/extend ø4 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 6:30 AM - 8 AM, and from 3 PM - 6 PM, and in FYA mode all other hours

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

CSAH 9 & CSAH 20_161st Ave (Sys ID 7095)

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)	Phase 7 (Eastbound)
Day Plan 1	1	2	0:00	Protected-Permissive	Protected-Permissive	Protected-Permissive	Protected-Permissive
	2	1	6:30	Protected-Only	Protected-Only	Protected-Permissive	Protected-Permissive
	3	2	8:00	Protected-Permissive	Protected-Permissive	Protected-Permissive	Protected-Permissive
	4	1	15:00	Protected-Only	Protected-Only	Protected-Permissive	Protected-Permissive
	5	2	18:00	Protected-Permissive	Protected-Permissive	Protected-Permissive	Protected-Permissive
Day Plan 2	1	2	0:00	Protected-Permissive	Protected-Permissive	Protected-Permissive	Protected-Permissive