

CSAH 78 @ 121st Ave. - SIGNAL CODE 7274 - BY PHASE TIMING

PROPOSED - 04/07/2020

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	10	7	15	5	10
BK MIN GREEN								
CS MIN GREEN	10				10			
DELAY GREEN								
WALK		7		7		7		7
WALK 2								
PED CLEAR		20		31		19		31
PED CLEAR 2								
VEHICLE EXT	2.1	4.6	2.1	2.1	2.1	4.6	2.1	2.1
VEHICLE EXT 2								
MAX 1	15	60	15	20	15	60	15	20
MAX 2	20	50	20	50	20	125	15	50
MAX 3	20	100	15	20	40	50	15	20
DYM MAX								
DYM STP								
YELLOW	3.0	4.2	3.0	3.1	3.0	4.6	3.0	3.9
RED CLEAR	2.3	2.0	3.0	3.7	2.2	1.6	2.8	2.9
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		28				28		
TIME B4		20				20		
CARS WT								
STPT DUC								
TIME TO REDUCE		20				20		
MIN GAP		2.0				2.0		

Detector Extend/Delay

D3-2 delay - 2.0 sec.

D4-1 extend - 0.5 sec.

D4-2 delay - 10.0 sec.

D7-2 delay - 2.0 sec.

D8-1 extend - 3.0 sec.

D8-2 delay - 10.0 sec.

Set MAX 2 by Time of Day (TOD) from 6:15-8:30 AM, Monday-Friday

Set MAX 3 by Time of Day (TOD) from 2:00-7:00 PM, Monday-Friday

ø1 and ø5 left turn phases will operate in protected only mode on weekdays from 6:15 - 8:30 AM and 2 - 7 PM, and in FYA mode all other hours

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

CSAH 78 & 121st Ave. (Sys ID 7274)

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	1	0:00	Protected-Permissive	Protected-Permissive	Protected-Permissive	Protected-Permissive
	2	2	6:15	Protected-Only	Protected-Only	Protected-Permissive	Protected-Permissive
	3	1	8:30	Protected-Permissive	Protected-Permissive	Protected-Permissive	Protected-Permissive
	4	3	14:00	Protected-Only	Protected-Only	Protected-Permissive	Protected-Permissive
	5	1	19:00	Protected-Permissive	Protected-Permissive	Protected-Permissive	Protected-Permissive
Day Plan 2	1	1	0:00	Protected-Permissive	Protected-Permissive	Protected-Permissive	Protected-Permissive