

**CSAH 52 @ Xylite St. - SIGNAL CODE 7530 - BY PHASE TIMING  
PROPOSED - 08/14/2020**

**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		20		27		20		29
PED CLEAR 2								
VEHICLE EXT	2.1	5.9	2.1	2.0	2.1	5.9	2.1	2.0
VEHICLE EXT 2								
MAX 1	15	55	15	20	15	55	15	20
MAX 2		75						
MAX 3						100		
DYM MAX								
DYM STP								
YELLOW	3.0	5.0	3.0	3.2	3.0	5.0	3.0	3.2
RED CLEAR	3.0	1.3	2.6	3.4	2.9	1.3	2.5	3.4
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		43				43		
TIME B4		25				34		
CARS WT								
STPT DUC								
TIME TO REDUCE		25				34		
MIN GAP		3.0				3.0		

**Detector Extend/Delay**

D3-2 delay - 2.0 sec.

D4-1 extend - 0.5 sec.

D4-2 delay - 10.0 sec, majority (99%) of shared rt/thru lane volume are right turners

D7-2 delay - 2.0 sec.

D8-1 extend - 0.5 sec.

D8-2 delay - 10.0 sec, majority (99%) of shared rt/thru lane volume are right turners

Set MAX 2 by Time of Day (TOD) from 6:45-8:30 AM daily

Set MAX 3 by Time of Day (TOD) from 3:30-6:30 PM daily

ø1 and ø5 left turn phases will operate in protected only mode daily  
from 6:45 - 8:30 AM and 3:30 - 6:30 PM, and in FYA mode all other hours

CSAH 52 & Xylite St. (Sys ID 7530)

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	1	0:00	Protected-Permissive	Protected-Permissive	Protected-Permissive	Protected-Permissive
	2	2	6:45	Protected-Only	Protected-Only	Protected-Permissive	Protected-Permissive
	3	1	8:30	Protected-Permissive	Protected-Permissive	Protected-Permissive	Protected-Permissive
	4	3	15:30	Protected-Only	Protected-Only	Protected-Permissive	Protected-Permissive
	5	1	18:30	Protected-Permissive	Protected-Permissive	Protected-Permissive	Protected-Permissive