

**CSAH 52 @ 101st Ave./Flanders Ct. - SIGNAL CODE 7542 - BY PHASE TIMING
PROPOSED - 08/21/2020**

BY PHASE TIMING DATA

PHASE	ø1	ø2	ø3	ø4	ø5	ø6	ø7	ø8
DIRECTION	NBLT	SBT	EBLT	WBT	SBLT	NBT	WBLT	EBT
MINIMUM GREEN	7	15	5	10	7	15	5	10
BK MIN GREEN								
CS MIN GREEN								
DELAY GREEN								
WALK		7		7				
WALK 2								
PED CLEAR		18		34				
PED CLEAR 2								
VEHICLE EXT	2.1	5.8	2.1	2.4	2.1	6.1	2.1	2.1
VEHICLE EXT 2								
MAX 1	20	50	15	20	20	50	15	20
MAX 2		75			30			
MAX 3						85		
DYM MAX								
DYM STP								
YELLOW	3.0	5.1	3.0	3.9	3.0	5.2	3.0	3.3
RED CLEAR	2.4	1.2	2.6	2.8	2.3	1.1	2.8	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		42				44		
TIME B4		25				29		
CARS WT								
STPT DUC								
TIME TO REDUCE		25				29		
MIN GAP		3.0				3.0		

Detector Extend/Delay

D3-2 delay - 2.0 sec.

NO extend for D4-1 extend

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

D7-2 delay - 2.0 sec.

NO extend for D8-1 extend

D8-2 delay - 10.0 sec, majority (98%) 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 & 101st Ave./Flanders Ct. (Sys ID 7542)

FYA Time-of-Day Operation as of -

Day Plan	Event	Action Plan	Start Time	Left-Turn FYA Operation			
				Phase 1 (Northbound)	Phases 5 (Southbound)	Phase 3 (Eastbound)	Phase 7 (Westbound)
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