

**CSAH 51 @ 111th Ave - SIGNAL CODE 7257 - BY PHASE TIMING
PROPOSED - 04/27/2015**

BY PHASE TIMING DATA

PHASE	ø1	ø2	ø3	ø4	ø5	ø6	ø7	ø8
DIRECTION		NBT		EBT	NBLT	SBT		WBT
MINIMUM GREEN	7	15		10	7	15		10
BK MIN GREEN								
CS MIN GREEN								
DELAY GREEN								
WALK		7		7		7		7
WALK 2								
PED CLEAR		15		27		14		28
PED CLEAR 2								
VEHICLE EXT	2.1	4.3		2.5	2.1	4.3		2.5
VEHICLE EXT 2								
MAX 1	20	50		20	20	50		20
MAX 2								
MAX 3								
DYM MAX								
DYM STP								
YELLOW	3.0	4.2		3.2	3.0	3.9		3.2
RED CLEAR	2.3	1.4		2.7	2.4	1.3		2.7
RED MAX								
RED REVERT	6.0	6.0		6.0	6.0	6.0		6.0
ACT B4								
SEC/ACT		1.5				1.5		
MAX INT		24				24		
TIME B4		17				17		
CARS WT								
STPT DUC								
TIME TO REDUCE		17				17		
MIN GAP		2.0				2.0		

Detector Extend/Delay

No extend for D4-1 & D8-1

D4-2 delay - 5.0 sec., estimate high percentage of right turns for shared lane with majority RTOR

D8-2 delay - 2.0 sec., accounts for false calls from ø1 FYA operation

ø1 and ø5 left turn phases will operate in protected only mode daily from 6 AM - 10 AM, and from 2 PM - 8PM, and in FYA mode all other hours

CSAH 51 & 111th Ave. (Sys ID 7257)

FYA Time-of-Day Operation as of -

Day Plan	Event	Action Plan	Start Time	Left-Turn FYA Operation	
				Phase 1 (Southbound)	Phases 5 (Northbound)
Day Plan 1 (Mon-Fri)	1	2	0:00	Protected-Permissive	Protected-Permissive
	2	1	6:00	Protected-Only	Protected-Only
	3	2	8:00	Protected-Permissive	Protected-Permissive
	4	1	15:00	Protected-Only	Protected-Only
	5	2	18:00	Protected-Permissive	Protected-Permissive
Day Plan 2 (Wknd)	1	2	0:00	Protected-Permissive	Protected-Permissive