

CSAH 9 @143rd Ave- SIGNAL CODE 7090 - BY PHASE TIMING**PROPOSED - 12/30/2025****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		10	7	15		
BK MIN GREEN								
CS MIN GREEN								
DELAY GREEN								
WALK				7		7		
WALK 2								
PED CLEAR				25		16		
PED CLEAR 2								
VEHICLE EXT	2.1	6.9		1.9	2.1	6.9		
VEHICLE EXT 2								
MAX 1	15	35		15	15	35		
MAX 2								
MAX 3								
DYM MAX								
DYM STP								
YELLOW	3.0	4.5		2.9	3.0	4.3		
RED CLEAR	1.8	1.3		2.7	2.4	1.5		
RED MAX								
RED REVERT	6.0	6.0		6.0	6.0	6.0		
ACT B4								
SEC/ACT		1.5				1.5		
MAX INT		41				41		
TIME B4		15				15		
CARS WT								
STPT DUC								
TIME TO REDUCE		12				12		
MIN GAP		4.5				4.5		

Detector Extend/Delay

D4-1 extend - 0.5 sec.

D4-2 extend - 0.5 sec.

D4-3 delay - 10.0 sec.

D4-5 delay - 10.0 sec.

ø1 and ø5 left turn phases will operate in protected only mode daily
from 6 - 9 AM and 2 - 7 PM, and in FYA mode all other hours

CSAH 9 & 143rd Ave (Sys ID 7090)

FYA Time-of-Day Operation as of - 12/30/2025

Day Plan	Event	Action Plan	Start Time	Left-Turn FYA Operation		
				Phase 1 (Southbound)	Phase 5 (Northbound)	
Day Plan 1 (Mon - Fri)	1	100	0:00	Protected-Permissive	Protected-Permissive	Pattern 100 (FREE)
	2	50	6:00	Protected-Only	Protected-Only	
	3	23	6:30	Protected-Only	Protected-Only	
	4	54	8:30	Protected-Only	Protected-Only	Pattern 24
	5	24	9:00	Protected-Permissive	Protected-Permissive	Pattern 35
	6	100	11:00	Protected-Permissive	Protected-Permissive	
	7	25	14:00	Protected-Only	Protected-Only	
	8	27	15:30	Protected-Only	Protected-Only	
	9	65	18:00	Protected-Only	Protected-Only	
	10	35	19:00	Protected-Permissive	Protected-Permissive	
	11	100	21:00	Protected-Permissive	Protected-Permissive	
Day Plan 2 (Sat - Sun)	1	100	0:00	Protected-Permissive	Protected-Permissive	Pattern 100 (FREE)
	2	50	6:00	Protected-Only	Protected-Only	
	3	65	8:00	Protected-Only	Protected-Only	Pattern 35
	4	35	9:00	Protected-Permissive	Protected-Permissive	Pattern 35
	5	65	14:00	Protected-Only	Protected-Only	
	6	35	19:00	Protected-Permissive	Protected-Permissive	
	7	100	20:00	Protected-Permissive	Protected-Permissive	