

**CSAH 14 @ Polk St./Oak Park Blvd. - SIGNAL CODE 7287 - BY PHASE TIMING  
PROPOSED - 03/12/2021**

**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	8	7	15	5	8
BK MIN GREEN								
CS MIN GREEN								
DELAY GREEN								
WALK		7		7		7		7
WALK 2								
PED CLEAR		25		29		21		29
PED CLEAR 2								
VEHICLE EXT	2.1	5.5	2.1	2.0	2.1	5.7	2.5	2.1
VEHICLE EXT 2								
MAX 1	25	70	20	20	15	70	15	20
MAX 2								
MAX 3								
DYM MAX								
DYM STP								
YELLOW	3.0	4.7	3.0	3.4	3.0	4.8	3.0	3.2
RED CLEAR	3.1	1.7	2.9	3.3	2.9	1.6	2.9	3.5
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		37				38		
TIME B4		24				24		
CARS WT								
STPT DUC								
TIME TO REDUCE		24				24		
MIN GAP		3.0				3.5		

**Detector Extend/Delay**

D4-1 extend - 0.5 sec.

D4-2 delay - 5.0 sec.

D8-2 delay - 10.0 sec.

NO extend for D8-1

Set ø3 detectors to call/extend ø8, and set ø7 detectors to call/extend ø4 in MM6-1.

Set ø4, and ø8 minimum greens to 8.0 sec

ø1 and ø5 left turn phases will operate in protected only mode Monday-Friday from 6 AM - 8:30 AM, and from 12 PM - 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 14 (125th Ave.) & Polk St (Sys ID 7287)

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 (School Year)	1	100	0:00	Protected-Permissive	Protected-Permissive	Protected-Permissive	Protected-Permissive	Pattern 3
	2	1	6:00	Protected-Only	Protected-Only	Protected-Permissive	Protected-Permissive	
	3	2	7:00	Protected-Only	Protected-Only	Protected-Permissive	Protected-Permissive	
	4	3	8:30	Protected-Permissive	Protected-Permissive	Protected-Permissive	Protected-Permissive	
	5	6	12:00	Protected-Only	Protected-Only	Protected-Permissive	Protected-Permissive	
	6	4	14:00	Protected-Only	Protected-Only	Protected-Permissive	Protected-Permissive	
	7	5	16:00	Protected-Only	Protected-Only	Protected-Permissive	Protected-Permissive	
	8	4	17:30	Protected-Only	Protected-Only	Protected-Permissive	Protected-Permissive	
	9	3	19:00	Protected-Permissive	Protected-Permissive	Protected-Permissive	Protected-Permissive	
	10	100	21:00	Protected-Permissive	Protected-Permissive	Protected-Permissive	Protected-Permissive	
Day Plan 2 (Weekend)	1	100	0:00	Protected-Permissive	Protected-Permissive	Protected-Permissive	Protected-Permissive	Pattern 4
	2	3	8:00	Protected-Permissive	Protected-Permissive	Protected-Permissive	Protected-Permissive	
	3	7	9:30	Protected-Permissive	Protected-Permissive	Protected-Permissive	Protected-Permissive	
	4	3	17:00	Protected-Permissive	Protected-Permissive	Protected-Permissive	Protected-Permissive	
	5	100	21:00	Protected-Permissive	Protected-Permissive	Protected-Permissive	Protected-Permissive	
Day Plan 3 (Summer Mon-Fri)	1	100	0:00	Protected-Permissive	Protected-Permissive	Protected-Permissive	Protected-Permissive	Pattern 3
	2	1	6:00	Protected-Only	Protected-Only	Protected-Permissive	Protected-Permissive	
	3	2	7:00	Protected-Only	Protected-Only	Protected-Permissive	Protected-Permissive	
	4	3	8:30	Protected-Permissive	Protected-Permissive	Protected-Permissive	Protected-Permissive	
	5	6	12:00	Protected-Only	Protected-Only	Protected-Permissive	Protected-Permissive	
	6	4	15:00	Protected-Only	Protected-Only	Protected-Permissive	Protected-Permissive	
	7	5	16:00	Protected-Only	Protected-Only	Protected-Permissive	Protected-Permissive	
	8	4	17:30	Protected-Only	Protected-Only	Protected-Permissive	Protected-Permissive	
	9	3	19:00	Protected-Permissive	Protected-Permissive	Protected-Permissive	Protected-Permissive	
	10	100	21:00	Protected-Permissive	Protected-Permissive	Protected-Permissive	Protected-Permissive	

# CSAH 14 (Main St.) @ Oak Park Blvd./Polk St. Logic Statements

p501-UI PANEL-12.64.00 COBALT-1000 -

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LP#: 1 COPY FROM: 1 ACTIVE:N  
IF --F CTR PHASE TIMING 4 IS ON  
AND --F CTR PED CLR TMR R1 IS 5  
  
THEN CRD SET FREE ON  
  
ELSE
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MM	SM	ND	NS	1	2	3
				4	5	6
R1 02 01   03 04			U	7	8	9
R2 06 05   07 08			L	SF	0	C
R3			E			
R4			R			
			D			
			H	Status	NP	Small