

**CSAH 14 @ Foley Blvd. - SIGNAL CODE 7284 - BY PHASE TIMING
PROPOSED - 10/28/2022**

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	10	5	8	7	10	5	8
BK MIN GREEN								
CS MIN GREEN								
DELAY GREEN								
WALK		7		7		7		7
WALK 2								
PED CLEAR		25		30		25		30
PED CLEAR 2								
VEHICLE EXT	2.1	6.0	2.1	2.3	2.1	6.0	2.1	2.4
VEHICLE EXT 2								
MAX 1	25	55	30	20	25	55	15	20
MAX 2								
MAX 3								
DYM MAX								
DYM STP								
YELLOW	3.0	5.1	3.0	3.5	3.0	5.2	3.0	4.0
RED CLEAR	3.0	1.5	2.7	3.0	2.9	1.4	2.9	2.5
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		43				44		
TIME B4		19				19		
CARS WT								
STPT DUC								
TIME TO REDUCE		19				19		
MIN GAP		3.0				3.0		

Detector Extend/Delay

NO extend for D4-1
D4-3 delay - 10.0 sec.
D8-3 delay - 10.0 sec.
D8-1 extend - 2.0 sec.

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 2 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

Logic implemented to omit FYA with a conflicting ped call for all four left turn phases for all hours daily. FYA is omitted for all of the WALK and a portion of the pedestrian clearance time.

CSAH 14 (Main St.) & Foley Blvd. (Sys ID 7284)

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
	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	4	14:00	Protected-Only	Protected-Only	Protected-Permissive	Protected-Permissive
	6	5	16:00	Protected-Only	Protected-Only	Protected-Permissive	Protected-Permissive
	7	4	17:30	Protected-Only	Protected-Only	Protected-Permissive	Protected-Permissive
	8	3	19:00	Protected-Permissive	Protected-Permissive	Protected-Permissive	Protected-Permissive
	9	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
	2	3	8:00	Protected-Permissive	Protected-Permissive	Protected-Permissive	Protected-Permissive
	3	6	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
	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	4	15:00	Protected-Only	Protected-Only	Protected-Permissive	Protected-Permissive
	6	5	16:00	Protected-Only	Protected-Only	Protected-Permissive	Protected-Permissive
	7	4	17:30	Protected-Only	Protected-Only	Protected-Permissive	Protected-Permissive
	8	3	19:00	Protected-Permissive	Protected-Permissive	Protected-Permissive	Protected-Permissive
	9	100	21:00	Protected-Permissive	Protected-Permissive	Protected-Permissive	Protected-Permissive

Pattern 4

CSAH 14 (Main St.) @ Foley Blvd. Logic Statements

v 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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R1 02 01 | 03 04 |
R2 06 05 | 07 08 |
R3
R4

MM	SM	ND	NS	1	2	3
				4	5	6
				7	8	9
				SF	0	C

U
L E R
D
H Status NP Small