

CSAH 1 (Coon Rapids Blvd.) & Blackfoot St (Sys ID 7020)

FYA Time-of-Day Operation as of -

Day Plan	Event	Action Plan	Start Time	Left-Turn FYA Operation	
				Phase 1 (Westbound)	Phases 5 (Eastbound)
Day Plan 1	1	100	0:00	Protected-Permissive	Protected-Permissive
	2	3	6:00	Protected-Only	Protected-Only
	3	1	8:30	Protected-Permissive	Protected-Permissive
	4	5	14:00	Protected-Only	Protected-Only
	5	4	15:00	Protected-Only	Protected-Only
	6	1	18:30	Protected-Permissive	Protected-Permissive
	7	100	22:00	Protected-Permissive	Protected-Permissive
Day Plan 2	1	100	0:00	Protected-Permissive	Protected-Permissive
	2	1	8:00	Protected-Permissive	Protected-Permissive
	3	100	22:00	Protected-Permissive	Protected-Permissive
Day Plan 3	1	100	0:00	Protected-Permissive	Protected-Permissive
	2	1	8:00	Protected-Permissive	Protected-Permissive
	3	100	22:00	Protected-Permissive	Protected-Permissive

Pattern 1

CSAH 1 @ Blackfoot St. - SIGNAL CODE 7020 - BY PHASE TIMING

PROPOSED - 07/25/2022

BY PHASE TIMING DATA

PHASE	ø1	ø2	ø3	ø4	ø5	ø6	ø7	ø8
DIRECTION	WBLT	EBT		SBT	EBLT	WBT		NBT
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		11		25		10		25
PED CLEAR 2								
VEHICLE EXT	2.1	5.5		2.5	2.1	5.5		2.5
VEHICLE EXT 2								
MAX 1	25	35		30	20	35		30
MAX 2								
MAX 3								
DYM MAX								
DYM STP								
YELLOW	3.0	4.7		3.2	3.0	4.7		3.2
RED CLEAR	2.3	1.4		3.4	2.3	1.4		3.4
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		25				25		
TIME B4		15				15		
CARS WT								
STPT DUC								
TIME TO REDUCE		12				12		
MIN GAP		3.0				3.0		

Detector Extend/Delay

NO extend for D4-1

D4-3 delay - 2.0 sec.

ø1 and ø5 left turn phases will operate in protected only mode Monday-Friday from 6 AM - 8:30 AM, and from 2PM - 6:30 PM, and in FYA mode all other hours