

**CSAH 14 @ Aberdeen St. - SIGNAL CODE 7133 - BY PHASE TIMING  
PROPOSED - 05/10/2018**

**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						4
WALK 2								
PED CLEAR		18						39
PED CLEAR 2								
VEHICLE EXT	2.1	2.0	2.1	2.1	2.1	2.0	2.1	2.3
VEHICLE EXT 2								
MAX 1	30	60	25	30	25	60	15	30
MAX 2								
MAX 3								
DYM MAX								
DYM STP								
YELLOW	3.0	5.1	3.0	3.2	3.0	4.8	3.0	3.6
RED CLEAR	3.6	1.3	3.2	4.2	3.2	1.6	2.5	3.8
RED MAX								
RED REVERT	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
ACT B4								
SEC/ACT		1.2				1.5		
MAX INT		37				37		
TIME B4		0				0		
CARS WT								
STPT DUC								
TIME TO REDUCE		0				0		
MIN GAP		0.0				0.0		

**Detector Extend/Delay**

**D2-4 & D2-5 (new detectors @ 400 ft)** - NO detector extend

D2-1, D2-2, & D2-3 extend - 2.0 sec.

D3-2 delay- 2.0 sec.

D4-1 extend - 1.0 sec; D4-2 - NO detector extend

D4-3 delay - 10.0 sec.

**D6-3 & D6-4 (new detectors @ 400 ft)** - NO detector extend

D6-1 & D6-2 extend - 2.0 sec.

D7-2 delay- 2.0 sec.

D8-1 & D8-2 extend - NO detector extend

D8-3 delay - 10.0 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**

ø2 and ø6 gap reduction not needed with additional advance detectors (D2-4, D2-5, D6-3, & D6-4) located at 400 feet. Set USE ADDED INITIAL detector function to NO for D2-1, D2-2, D2-3, D6-1, and D6-2. Set USE ADDED INITIAL detector function to YES for D2-4, D2-5, D6-3, and D6-4.

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

ø3 and ø7 left turn phases will operate in FYA mode for all hours daily

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-Only	Protected-Only	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-Only	Protected-Only	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	6	6:00	Protected-Only	Protected-Only	Protected-Permissive	Protected-Permissive
	3	3	8:00	Protected-Only	Protected-Only	Protected-Permissive	Protected-Permissive
	4	4	9:30	Protected-Only	Protected-Only	Protected-Permissive	Protected-Permissive
	5	3	17:00	Protected-Only	Protected-Only	Protected-Permissive	Protected-Permissive
	6	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-Only	Protected-Only	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-Only	Protected-Only	Protected-Permissive	Protected-Permissive
	9	100	21:00	Protected-Permissive	Protected-Permissive	Protected-Permissive	Protected-Permissive

Pattern 254

## TEMP SIGNALS - CSAH 14 @ Aberdeen

## Logic Processor Page 2

## Logic Statements (MM)1-8-2

## Statement Number: 1

IF:

	Assignment	#	State
IF	PED CHECK ON PHASE	8	IS ON
AND	COORD PLAN		IS 3

THEN:

	Assignment	#	State
	SET LOGIC FLAG	1	ON

ELSE:

	Assignment	#	State
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## Statement Number: 2

IF:

	Assignment	#	State
IF	LOGIC FLAG	1	IS ON

THEN:

	Assignment	#	State
	SET TIMING PLAN ON	5	

ELSE:

	Assignment	#	State
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## Statement Number: 3

IF:

	Assignment	#	State
IF	COORD PLAN		IS 5
AND	LOGIC FLAG	1	IS ON
AND	LOCAL CYCLE TIMER		IS 0

THEN:

	Assignment	#	State
	SET LOGIC FLAG	1	OFF

ELSE:

	Assignment	#	State
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## Statement Number: 4

IF:

	Assignment	#	State
IF	PED CHECK ON PHASE	8	IS ON
AND	COORD PLAN		IS 4

THEN:

	Assignment	#	State
	SET LOGIC FLAG	2	ON

ELSE:

	Assignment	#	State
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## Statement Number: 5

IF:

	Assignment	#	State
IF	LOGIC FLAG	2	IS ON

THEN:

	Assignment	#	State
	SET TIMING PLAN ON	6	

ELSE:

	Assignment	#	State
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## Statement Number: 6

IF:

	Assignment	#	State
IF	COORD PLAN		IS 6
AND	LOGIC FLAG	2	IS ON
AND	LOCAL CYCLE TIMER		IS 0

THEN:

	Assignment	#	State
	SET LOGIC FLAG	2	OFF

ELSE:

	Assignment	#	State
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