



## DETECTOR LOGIC

## CONTROLLER LOGIC

PHASE NUMBER	PHASE LOCKING	DUAL ENTRY W / Ø	PHASE RECALL	PHASE ACTIVE
1				
2			MIN	YES
3				
4		8		YES
5				
6			MIN	YES
7				
8		4		YES

[illegible]

Timing diagram for RING 2 and RING 3 signals. The diagram is divided into two main sections by a vertical dashed line, with a right-pointing arrow above it. The left section is labeled "NOT USED" above it, and the right section is labeled "NOT USED" above it, with an upward-pointing arrow to its right.

The diagram shows the timing of RING 2 and RING 3 signals. RING 2 is shown on the left, and RING 3 is shown on the right. The signals are divided into two groups: NOT USED (indicated by a dashed line) and R/W, CLEAR, TO (indicated by a solid line). The RING 2 signals are labeled RING 2, and the RING 3 signals are labeled RING 3. The RING 2 signals are shown in a table format, and the RING 3 signals are shown in a table format.

RING 2		NOT USED				R/W				CLEAR				TO			
HEAD NUMBERS		R/W				CLEAR				TO							
01																	
02	1,2,3,4					R	R	R									
03																	
04	9,10,11					R	R	R									
05																	
06	5,6,7,8					G	Y	R									
07																	
08	12,13,14					R	R	R									
02PED																	
04PED																	
06PED																	
08PED																	

\*\* CLEARANCE TO A PHASE IN CONFLICT WITH THIS PHASE ON (SEE CHART 1 BELOW)

CHART 1

PHASE ON	NONCONFLICTING PHASE ALLOWED TO TIME CONCURRENTLY	PHASES IN CONFLICT WITH PHASE ON
1		
2	6	4, 8
3		
4	8	2, 6
5		
6	2	4, 8
7		
8	4	2, 6

TYPE OF INTERCONNECT	
NONE	
TBC	X
CLOSED LOOP	
HARDWIRE	
TONE (FREQ)	

TYPE OF PRE-EMPT	
NONE	1
RAILROAD	
EMERGENCY VEHICLE	

TYPE OF LIGHTING	
NONE	
IN TRAFFIC CONTROL CABINET	
IN SEPARATE CONTROL CABINET	

Updated 7-7-2015

GENERAL NOTES:

1. ANY ACTUATED PHASE FOR WHICH THERE IS NO CALL SHALL BE SKIPPED.
2. WHEN ONE PHASE IS ON ALONE, ANY NONCONFLICTING PHASE MAY START TIMING CONCURRENTLY WITHOUT A CLEARANCE INTERVAL.  
(SEE CHART 1 AT LEFT.)
3. PROVIDE FOR HAND LEFT CONTROL OPERATION.

STH 42 & STH 57 (Mid Jct)  
TOWN OF SEVASTOPOL  
DOOR COUNTY

SIGNAL NO. 779

CONTROLLER TYPE:

DATE 5-4-00

PAGE NO. 2 OF 2

PROJECT NO: 0083-03-01

HWY: STH 42
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COUNTY: DOOR

SEQUENCE OF OPERATIONS S-779

SHEET

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