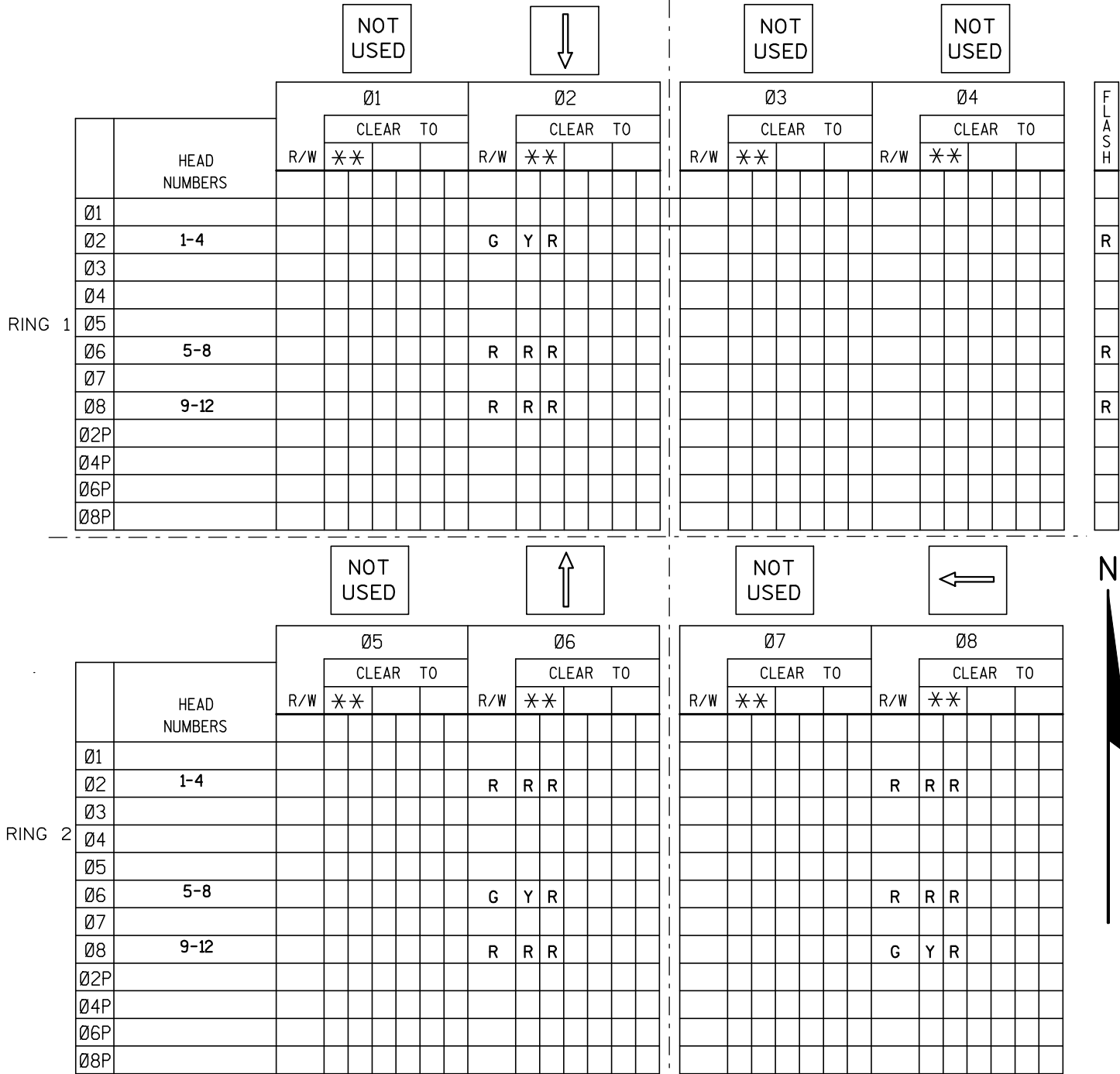




SEQUENCE OF OPERATION



RING 1

RING 2

BARRIER

CHART 1

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

PHASE ON	NONCONFLICTING PHASE ALLOWED TO TIME CONCURRENTLY	PHASES IN CONFLICT WITH PHASE ON
Ø1		
Ø2	6	8
Ø3		
Ø4		
Ø5		
Ø6	2	8
Ø7		
Ø8	NONE	2,6

DETECTOR LOGIC

DETECTOR NUMBER	AMPLIFIER CHANNEL NUMBER	DETECTOR OPERATION			PHASE CALLED	PHASE EXTENDED	DETECTOR DISCONNECT PHASE	CALLING DELAY	EXTENSION STRETCH	SIZE	NUMBER OF TURNS
		CALLS AND EXTENDS	CALLS ONLY	EXTENDS ONLY							
21	1	X			2	2			X	6X20	3
22	2	X			2	2				6X30	3
23	2	X			2	2				6X30	3
24	3	X			2	2				6X30	2
25	3	X			2	2				6X30	2
61	4	X			6	6			X	6X20	3
62	5	X			6	6				6X30	2
63	5	X			6	6				6X30	2
81	6	X			8	8				6X30	2
82	6	X			8	8				6X30	2
83	7	X			8	8				6X30	2
84	7	X			8	8				6X30	2
85	8	X			8	8		X		6X30	2

CONTROLLER LOGIC

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

TYPE OF INTERCONNECT		TYPE OF PRE-EMPT		TYPE OF LIGHTING	
NONE		NONE	X	NONE	
TBC	X	RAILROAD		IN TRAFFIC CONTROL CABINET	X
CLOSED LOOP		EMERGENCY VEHICLE		IN SEPARATE CONTROL CABINET	
HARDWIRE					
tone (FREQ)					
FIBER OPTIC					

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 1AT LEFT.)
3. IF ANY OPPOSING THRU PHASES ARE TIMING CONCURRENTLY, THEY SHALL TERMINATE TOGETHER DUE TO PERMISSIVE LEFT TURN CONFLICT.
4. PROVIDE FOR HAND CONTROL.

As-Built 9-29-2006

STH 54/57 & CTH EA (HURON ROAD) CITY OF GREEN BAY BROWN COUNTY	
SIGNAL NO.	971
CONTROLLER TYPE:	
DATE	PAGE NO. 2 of 2