



YES

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

OVERLAPS

0.L."A" = 1, 2, 4, 5, 60.L."B" = 1, 2, 3, 5, 6

0.L."C" = 2,30.L."D" = 4,6

8

		DETEC	TOR OPE	RATION							
DETECTOR NUMBER	AMPLIFIER CHANNEL NUMBER	CALLS AND EXTENDS	CALLS ONLY	EXTENDS ONLY	PHASE CALLED	PHASE EXTENDED	DETECTOR DISCONNECT PHASE	CALLING DELAY	EXTENSION STRETCH	SIZE (In feet)	NUMBER OF TURNS
11	1	Х			1	1			Χ	6×20	4
12	2	X			1	1				6×20	3
21	3	X			2	2		X		6×30	2
31	4	X			3	3				4×30	4
32	4	X			3	3				4×30	3
41	5	X			4	4				4×30	3
42	5	X			4	4				4×30	2
51	6	X			5	5			Х	6×20	5
52	7	X			5	5				6×20	5
61	8	X			6	6		X		6×30	3

•		

TYPE OF INTERCONNECT COMMUNIC	ATIO
NONE	
TBC	X
CLOSED LOOP TWISTED PAIR*	
CLOSED LOOP FIBER OPTIC*	
RADIO	
*LOCATION OF MASTER	
CONTROLLER NO: S-	
SIGNAL SYSTEM #: SS-	-

TYPE OF COORDINATION		TYPE OF PRE-EMP	
NONE			NONE
TBC	X] [RAILROAD
TRAFFIC RESPONSIVE] [EMERGENCY VEHICLE
ADAPTIVE] [3M
			TOMAR
		ſ	HARDWIRE
		ſ	OTHER

TYPE OF PRE-EMPT		TYPE OF LIGHTING		
	-			
NE	X	BY OTHER AGENCY		
ILROAD		IN TRAFFIC SIGNAL CABINET		
ERGENCY VEHICLE		IN SEPARATE DOT LIGHTING CABINET		
3M		•		

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. PROVIDE FOR HAND CONTROL.

UPDATED 3-1-2012

USH 41 & CTH N VILLAGE OF LITTLE CHURE OUTAGAMIE COUNTY

SIGNAL NO. 579

CONTROLLER TYPE: EPAC

DATE: 5-9-2008

PAGE NO. 3 OF 3

** 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
1	5 or 6	2, 3, 4
2	5 or 6	1, 3, 4
3	None	1, 2, 4, 5, 6
4	None	1, 2, 3, 5, 6
5	1or 2	3, 4, 6
6	1or 2	3, 4, 5
7		
8		

CHART 1

OL"A"

OL"D"

* *

R/W

R

G

R

Ø4

NOT

USED

Ø8

* *

R/W

CLEAR TO

CLEAR TO

OL"B"

CLEAR TO

 $R/W \mid X \mid X \mid X \mid X$

R RR

RRR

R RR

G Y R

G Y -

R/W XX

BARRIER

NOT

USED

Ø7

CLEAR TO

SEQUENCE OF OPERATION

OL"B"

 \Longrightarrow

CLEAR TO

OL"A"

 $R/W \mid X \mid X \mid X \mid X$

R |R|R|

R | R | R |

RRR

R RR

G Y R

OL"A"

R/W X

R |R|R|

R RR

RRR

R RR

G Y R

G Y R

HWY: USH 41

OL"B"

 \Longrightarrow

Ø6

CLEAR TO

OL"A" \Leftrightarrow

OL"B"

 \Longrightarrow

R/W | X X |

G YR

R RR

RRR

G Y R

R/W | X X |

R RR

R RR

R R R

G YR

G Y R

G YR

HEAD NUMBERS

1, 2, 3, 4

20, 21, 22

9, 10, 11

12, 13, 14, 15

16, 17, 18, 19

5, 6, 7, 8

5, 8

16, 19

HEAD NUMBERS

1, 2, 3, 4

20, 21, 22

9, 10, 11

12, 13, 14, 15

16, 17, 18, 19

5, 6, 7, 8

5, 8 16, 19

Ø1

Ø2 Ø3

Ø4

Ø6

Ø7 Ø8

Ø1

Ø2 Ø3 |

Ø5 l

Ø6

Ø7

l Ø8

RING 2 Ø4

OL"A"

OL"B"

OL"C"

RING 1 05

OL"B"

OL"C" OL"D"

CLEAR TO

OL"A"

 \Leftrightarrow OL"B"

Ø5

CLEAR TO

COUNTY: OUTAGAMIE

SEQUENCE OF OPERATIONS

S-579

PROJECT NO: 0083-03-01

PLOT BY : dotc5s

PLOT NAME: S-579,seq,rev2,up PLOT SCALE: 40.000000:1.000000

LIFT BRIDGE QUEUE DETECTOR

SHEET