

MIN YES

6

8

	Protected	Permissive
OL "A"	1	2
OL "B"		
OL "C"		
OL "D"		

DETECTOR OPERATION CALLING EXTENSION STRETCH DETECTOR DETECTOR NUMBER DETECTOR RACK CALLS AND EXTENDS ONLY PHASE CALLED PHASE DETECTOR EXTENDED DISCONNECT NUMBER OF SIZE CHANNEL **EXTENDS** PHASE 3 6×30 2 Х 1 21 Х 2 2 6x20 5 1 2 Х 2 2 Χ 6×20 4 6×20 23 7 Χ 2 2 4 5 Х 4 4 6x30 42 6 Χ 4 4 6×30 2 Х 4 43 uture 4 6×30 uture 61 9 Х 6 6 6×20 4 62 10 Х 6 6 6x20 4 Х 63 15 Х 6 6 6x20 3

] ;													
] [
 	- —		NO JSI	T ED			 			-	>		 <u> </u>				NC JS		,		 		N(US	DT ED		-
			Ø	5					0	16] [Ø	7					Ø	8		
			CL	EAF	₹	T0			CL	LΕΑ	R	T0] [CL	EAF	₹	T0			CL	EAF	₹	ΤO
HEAD	R/W	*	X				R/W	*	*];	R	/W	*	*				R/W	X	\			
NUMBERS]													

SEQUENCE OF OPERATION

NOT

USED

ØЗ

 $R/W \mid X \mid X$

CLEAR TO

Ø4

 $R/W \mid X \mid X$

R RR

G YR

R RR

R R R

ם ם ם

CLEAR TO

4

OL "A" 1

Ø2

 $R/W \mid X \mid X$

G Y R

R | R | R |

R RR

FY Y R

+ |□|□|

CLEAR TO

Ø1

 $R/W \mid X \mid X$

R RR

R |R|R|

R RR

Y R

HEAD

NUMBERS

5, 6

1, 2, 3, 4

10, 11, 12

7, 8, 9

5.6

13, 14

Ø2

Ø3

Ø4

Ø5

Ø6

Ø7

Ø8

Ø2P

OL "A"

RING 1

CLEAR TO

										'								
	Ø1	5, 6				-	-	-										
	Ø2	1, 2, 3, 4				R	R	R		∃¦								
	Ø3]								
RING 2	Ø4	10, 11, 12				R	R	R										
	Ø5									∐¦								
	Ø6	7, 8, 9				G	Υ	R		_								
	Ø7																	
	Ø8									∐¦								
OL	D.	5, 6				R↓	R↓	R ₩]								
	Ø2P	13, 14					D	ı										
-		·	 							 								

BARRIER

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

* WHEN CALLED, TIMED STEADY WALK, THEN FLASHING DON'T WALK, THEN GOES TO STEADY DON'T WALK

D = DON'T WALK

₹	CHART 1	
PHASE ON	NONCONFLICTING PHASE ALLOWED TO TIME CONCURRENTLY	PHASES IN CONFLICT WITH PHASE ON
1	6	2, 4
2	6	1, 4
3		
4	NONE	1, 2, 6
5		
6	1 or 2	4
7		
8		

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

TYPE OF COORDINATION	TYPE OF PRE-EMPT		
NONE		NONE	×
TBC	Х	RAILROAD	
TRAFFIC RESPONSIVE		EMERGENCY VEHICLE	
ADAPTIVE	3M		
		TOMAR	
		HARDWIRE	
		OTHER	
		LIFT BRIDGE	
		QUEUE DETECTOR	

BY OTHER AGENCY IN TRAFFIC SIGNAL CABINET IN SEPARATE DOT LIGHTING CABINET

TYPE OF LIGHTING

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.

PLOT BY : dotc5s

STH 57 & KILEY WAY CITY OF PLYMOUTH SHEBOYGAN COUNTY

REVISION 1

SIGNAL NO. 871

CONTROLLER TYPE: EPAC TS2

DATE: 5-8-2012

PAGE NO. 2 OF 2

PROJECT NO: 4015-13-61

HWY: STH 57

COUNTY: SHEBOYGAN

SEQUENCE OF OPERATIONS S-871

SHEET

FILE NAME: F:\d3_traffi\S-871.dgn

PLOT DATE: 31-MAY-2013 10:26

PLOT NAME: S-871,seq,rev1

PLOT SCALE: 40.000000:1.000000