



## CONTROLLER LOGIC

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

TYPE OF INTERCONNECT/COMMUNICA	ATION
CELL MODEM	
CLOSED LOOP	
TWISTED PAIR*	
FIBER OPTIC*	
FIBER OPTIC (ETHERNET)	х
RADIO	

х
29
7

TYPE OF LIGHTING	
DV ATUED ARENOV	
BY OTHER AGENCY	<u> </u>
IN TRAFFIC SIGNAL CABINET	Х
IN SEPARATE DOT LIGHTING CABINET	

TYPE OF PRE-EMPT	
NONE	
RAILROAD	
EMERGENCY VEHICLE	
GTT	
TOMAR	x
HARDWIRE	
3M	
LIFT BRIDGE	
QUEUE DETECTOR	

### EMERGENCY VEHICLE PREEMPTION

EMERGENCY VEHICLE DETECTOR	1	2	3
MOVEMENT		<del>~~</del>	V
PHASE	2+5	2+6	4
Tomar Channel	1	2	3

## DETECTOR LOGIC

				RACK	<b>#</b> 1			
DETECTOR CHANNEL	3	1	7	5	11	9	15	13
PLAN LOOP DETECTOR *(S)	21	51	41	42	61			
ASSIGNED PHASE	2	5	4	4	6			:
OPERATION MODE	Veh	Veh	Veh	Veh	Veh			
SWITCH TO PHASE				i i		i i		:
EXTEND		i I		i I		i I		1
DELAY		Yes	Yes	Yes		 		!
DETECTOR CHANNEL	4	2	8	6	12	10	16	14
PLAN LOOP DETECTOR *(S)			43	44				
ASSIGNED PHASE			4	4				
OPERATION MODE			Veh	Veh		i !		
SWITCH TO PHASE		:				!		:
EXTEND		! !		I ! !		I I		1
DELAY		 		 		 		:

	RACK # 2							
DETECTOR CHANNEL	19	17	23	21	27	25	31	29
PLAN LOOP DETECTOR *(S)								
ASSIGNED PHASE								
OPERATION MODE								
SWITCH TO PHASE								
EXTEND								
DELAY								
DETECTOR CHANNEL	20	18	24	22	28	26	32	30
DETECTOR CHANNEL PLAN LOOP DETECTOR *(S)	20	18	24	22	28	26	32	30
	20	18	24	22	28	26	32	30
PLAN LOOP DETECTOR *(S)	20	18	24	22	28	26	32	30
PLAN LOOP DETECTOR *(S) ASSIGNED PHASE	20	18	24		28			30
PLAN LOOP DETECTOR *(S)  ASSIGNED PHASE  OPERATION MODE	20	18						
PLAN LOOP DETECTOR *(S)  ASSIGNED PHASE  OPERATION MODE  SWITCH TO PHASE	20	18						

#### GENERAL NOTES:

1. PROVIDE FOR HAND CONTROL.

# OVERLAP SPECIAL

	Protected	Permissive
OL "A"		
OL "B"		
OL "C"	5	6
OL "D"		

#### REVISION 5

IH 41 SB & STH 125 Town of Grand Chute OUTAGAMIE COUNTY

SIGNAL NO. 44-0329

CABINET: TS2 CONTROLLER: EPAC

DATE: PAGE NO. 2 OF 2

PROJECT NO: 3700-30-18 HWY: IH 41 COUNTY: OUTAGAMIE SEQUENCE OF OPERATIONS \$44-0329 SHEET **E**