



CONTROLLER LOGIC

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

TYPE OF INTERCONNECT/COMML	INICATION
CELL MODEM	×
CLOSED LOOP	
TWISTED PAIR*	
FIBER OPTIC*	
FIBER OPTIC (ETHERNET)	
RADIO	

TYPE OF COORDINATION	ON				
NONE					
TBC	×				
TRAFFIC RESPONSIVE					
ADAPTIVE					
*LOCATION OF MASTER					
CONTROLLER NO: S-135					
SIGNAL SYSTEM #:	SS-0160				

TYPE OF LIGHTING	
BY OTHER AGENCY	
IN TRAFFIC SIGNAL CABINET	X
IN SEPARATE DOT LIGHTING CABINET	

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

## OVERLAP SPECIAL

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

## DETECTOR LOGIC

				RACK	<b>#</b> 1			
DETECTOR CHANNEL	3	1	7	5	11	9	15	13
PLAN LOOP DETECTOR *(S)	11	21		61		86	84	82
ASSIGNED PHASE	1	2		6		8	8	8
OPERATION MODE	Veh	Veh		Veh		Veh	Veh	Veh
SWITCH TO PHASE								
EXTEND		1 ! !						! ! !
DELAY		! ! !					Yes	Yes
DETECTOR CHANNEL	4	2	8	6	12	10	16	14
PLAN LOOP DETECTOR *(S)	12	22				85	83	81
ASSIGNED PHASE	1	2				8	8	8
OPERATION MODE	Veh	Veh				Veh	Veh	Veh
SWITCH TO PHASE								
EXTEND		I I I						! !
DELAY		!		:			Yes	: Yes

				RACK	<b>*</b> 2			
DETECTOR CHANNEL	19	17	23	21	27	25	31	29
PLAN LOOP DETECTOR *(S)								
ASSIGNED PHASE								
OPERATION MODE								
SWITCH TO PHASE								
EXTEND	1							
DELAY								
			'			0.0		
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	22	28	26	32	30
PLAN LOOP DETECTOR =(S)  ASSIGNED PHASE  OPERATION MODE	20	18	24	22	28	26	32	30
PLAN LOOP DETECTOR *(S)  ASSIGNED PHASE  OPERATION MODE  SWITCH TO PHASE	20	18	24	22	28	26	32	30

GENERAL NOTES:

1. PROVIDE FOR HAND CONTROL.

Revision 1

IH 41 NB & CTH VK (Lombardi Ave)
VILLAGE OF ASHWAUBENON
BROWN COUNTY

SIGNAL NO. 05-1354

CABINET: TS2 CONTROLLER: EPAC

DATE: 7-5-2017

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PROJECT NO: 0083-03-01 HWY: IH 41 COUNTY: BROWN SEQUENCE OF OPERATIONS S05-1354 SHEET