

MONOTUBE STRUCTURE NUMBERS	
SB2	S-44-0147
SB5	S-44-0148

CONFIGURATION WITH HEAD NUMBERS			
3-H R Y G 10	3-V R Y G 1, 2, 3 6, 7, 8 9, 11, 12	4-VLFY R Y G 4, 5	1-P  13, 14, 15, 16

NOTE: SIGNAL HEAD # 4 REQUIRES TUNNEL VISORS

LEGEND

- PULL BOX 12" X 24"
- PULL BOX 24" X 36"
- PULL BOX 24" X 42"
- SIGNAL STANDARD, PEDESTAL BASE
- SIGNAL POLE, MONOTUBE ARM
- CONTROL CABINET BASE
- CONDUIT
- SIGNAL HEAD NUMBER MOUNTING CONFIGURATION
- MICROWAVE DETECTOR
- LOOP DETECTOR (Microwave)
- LOOP DETECTOR IN 1" PVC CONDUIT
- LUMINAIRE

UTILITY NOTE

THE LOCATION OF EXISTING AND PROPOSED UTILITY INSTALLATIONS AS SHOWN ON THE PLANS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN. THE CONTRACTOR SHALL VERIFY THE LOCATIONS OF ALL UTILITIES PRIOR TO CONSTRUCTION.

TRAFFIC CONTROL SIGNAL

IH 41 SB & CTH E  
CITY OF APPLETON  
OUTAGAMIE COUNTY

SIGNAL NO. 44-2014 CONTROLLER TYPE: EPAC TS2

WISCONSIN DEPARTMENT OF TRANSPORTATION

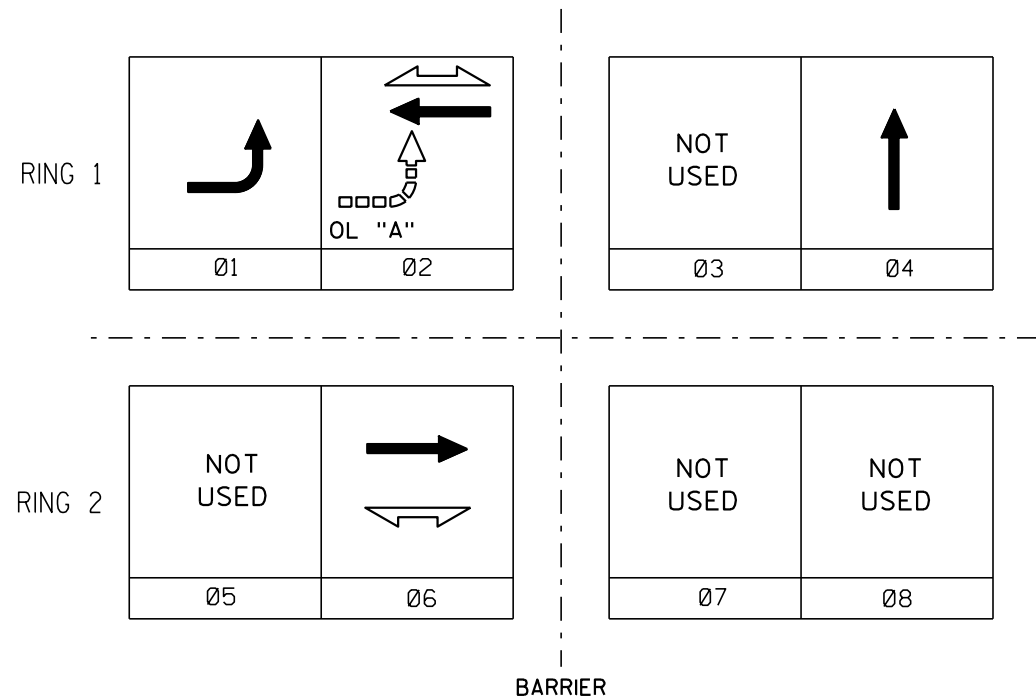
APPROVAL RECOMMENDED  
Date 1-25-2016 Robert J. Schuurmans  
REGION TRAFFIC ENGINEER

APPROVED  
Date 3-14-2016 Joanna L. Bush  
STATE TRAFFIC ENGINEER

REGION CONTACT: RJS  
DESIGNED BY: RJS  
REVISED BY: RJS

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	HEAD NUMBERS	FLASH
Ø1	4, 5	-
Ø2	1, 2, 3	R
Ø3		
Ø4	9, 10, 11, 12	R
Ø5		
Ø6	6, 7, 8	R
Ø7		
Ø8		
Ø2P	13, 14	
Ø4P		
Ø6P	15, 16	
Ø8P		
OLA	4, 5	R
OLB		
OLC		
OLD		



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

TYPE OF INTERCONNECT/COMMUNICATION	
CELL MODEM	
CLOSED LOOP	
TWISTED PAIR*	
FIBER OPTIC*	
FIBER OPTIC (ETHERNET)	
RADIO	x

TYPE OF COORDINATION	
NONE	
TBC	x
TRAFFIC RESPONSIVE	
ADAPTIVE	
*LOCATION OF MASTER CONTROLLER NO:	S-578
SIGNAL SYSTEM #:	SS44-2001

EMERGENCY VEHICLE PREEMPTION  
maintained by the City of Appleton

EMERGENCY VEHICLE DETECTOR	①	③	④
MOVEMENT			
PHASE	I+6	2+6	4
GTT CHANNEL	A	C	D

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

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

DETECTOR LOGIC

RACK # 1							
DETECTOR CHANNEL	3	1	7	5	11	9	15
PLAN LOOP DETECTOR *(S)		11	21	41			
ASSIGNED PHASE		1	2	4			
OPERATION MODE		Veh	Veh	Veh			
SWITCH TO PHASE							
EXTEND							
DELAY							
DETECTOR CHANNEL	4	2	8	6	12	10	16
PLAN LOOP DETECTOR *(S)		61	22	42			
ASSIGNED PHASE		6	2	4			
OPERATION MODE		Veh	Veh	Veh			
SWITCH TO PHASE							
EXTEND							
DELAY							

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

OVERLAP SPECIAL

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

GENERAL NOTES:

1. PROVIDE FOR HAND CONTROL.

IH 41SB & CTH E CITY OF APPLETON OUTAGAMIE COUNTY	
SIGNAL NO. 44-2014	
CABINET: TS2	CONTROLLER: EPAC
DATE: 3-14-2016	PAGE NO. 2 OF 2