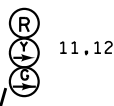
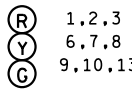
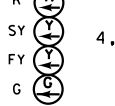
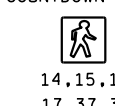


MONOTUBE STRUCTURE NUMBERS	
SB9	S-44-0068
SB11	S-44-0069
SB13	S-44-0070

CONFIGURATION WITH HEAD NUMBERS				
3-V2R	3-V	4-VLP	1-P 16" HEAD WITH COUNTDOWN TIMER	EVP DETECTOR
				

LEGEND

 PULL BOX

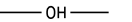
 3" CONDUIT (unless otherwise noted)

 MICROWAVE UNIT (Intersector)

 SIGNAL HEAD NUMBER MOUNTING CONFIGURATION

 YIELD SIGN

 LUMINAIRE UNDER PERMIT

 OVERHEAD LINES

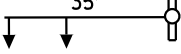
 EVP DETECTOR

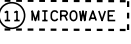
 UNDERGROUND ELECTRIC

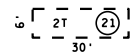
 CONTROL CABINET

 SIGNAL STANDARD, PEDESTAL BASE

 LUMINAIRE

 SIGNAL POLE, MONOTUBE ARM

 MICROWAVE DETECTOR ZONE

 LOOP DETECTOR (in 1" Conduit)

 RAMP GATE

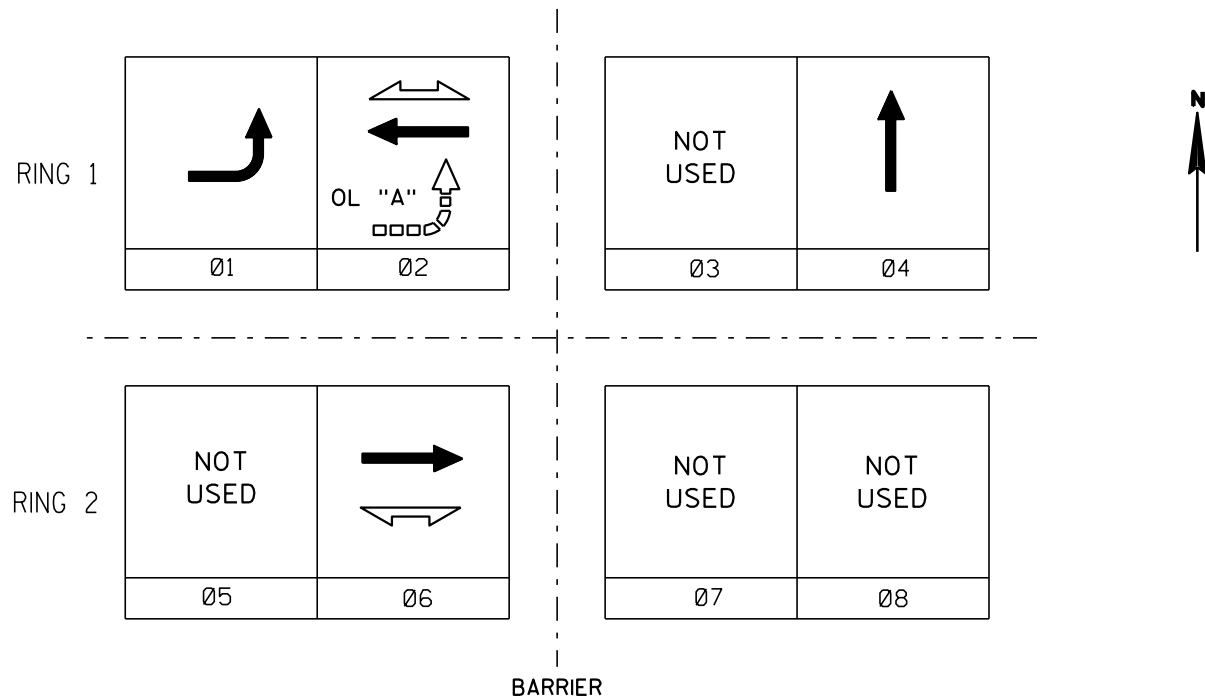
 RAMP GATE SOLAR PANEL

 RADIO INTERCONNECT ANTENNA

GENERAL 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.

	HEAD NUMBERS	FLASH
Ø1	4, 5	-
Ø2	1, 2, 3	R
Ø3		
Ø4	9, 10, 11, 12, 13	R
Ø5		
Ø6	6, 7, 8	R
Ø7		
Ø8		
Ø2P	14, 15	
Ø4P		
Ø6P	16, 17, 37, 38	
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)	x
RADIO	

TYPE OF COORDINATION	
NONE	
TBC	x
TRAFFIC RESPONSIVE	
ADAPTIVE	
*LOCATION OF MASTER CONTROLLER NO:	S44-0692
SIGNAL SYSTEM #:	SS-0081

EMERGENCY VEHICLE PREEMPTION				
EMERGENCY VEHICLE DETECTOR	①	②	③	④
MOVEMENT	↑	← →	NOT USED	← →
PHASE	4	2+6		2+6
GTT CHANNEL - City	A	B		D
3M CHANNEL - DOT		A		

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	x
LIFT BRIDGE	
QUEUE DETECTOR	

DETECTOR LOGIC

RACK # 1							
DETECTOR CHANNEL	3	1	7	5	11	9	15
PLAN LOOP DETECTOR *(S)	11	21	41	42	44	46	61
ASSIGNED PHASE	1	2	4	4	4	4	6
OPERATION MODE	Veh	Veh	Veh	Veh	Veh	Veh	Veh
SWITCH TO PHASE							
EXTEND							
DELAY			Yes	Yes			
DETECTOR CHANNEL	4	2	8	6	12	10	16
PLAN LOOP DETECTOR *(S)		22		43	45	47	
ASSIGNED PHASE		2		4	4	4	
OPERATION MODE		Veh		Veh	Veh	Veh	
SWITCH TO PHASE							
EXTEND							
DELAY				Yes			

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.

UPDATED 3-15-2017 (Add Ethernet Cable Extender)

STH 441NB & CTH KK (Calumet St) CITY OF APPLETON OUTAGAMIE COUNTY	
SIGNAL NO. 44-2001	
CABINET: TS2	CONTROLLER: EPAC
DATE: 11-28-2012	PAGE NO. 2 OF 2