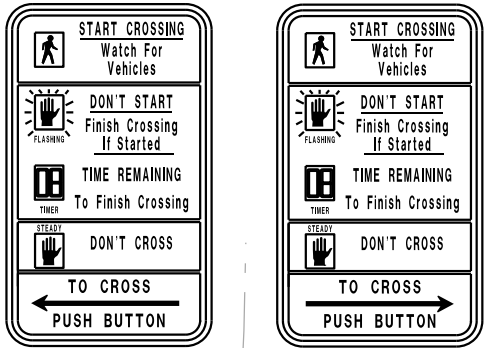


LEGEND

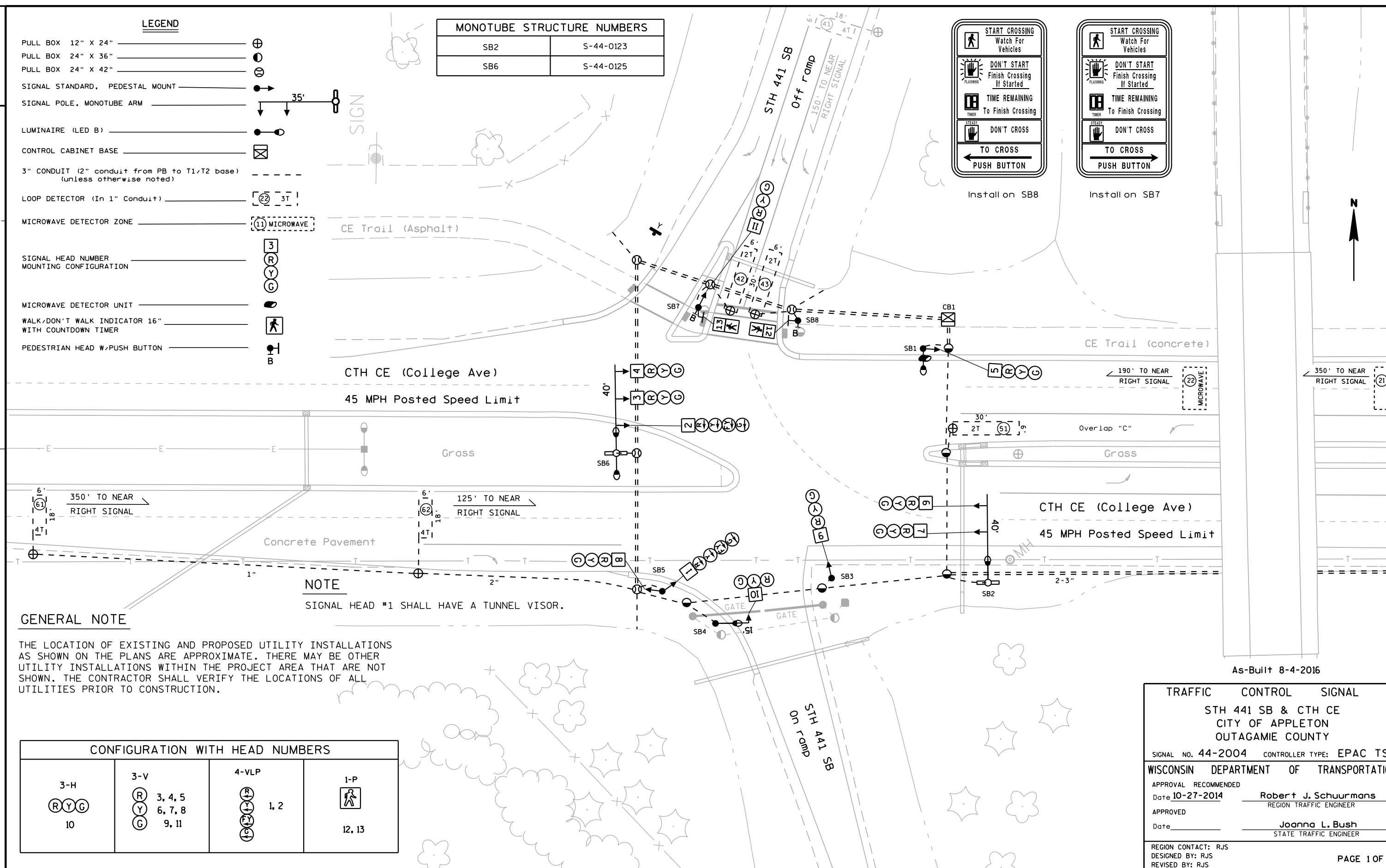
- PULL BOX 12" X 24"
- PULL BOX 24" X 36"
- PULL BOX 24" X 42"
- SIGNAL STANDARD, PEDESTAL MOUNT
- SIGNAL POLE, MONOTUBE ARM
- LUMINAIRE (LED B)
- CONTROL CABINET BASE
- 3" CONDUIT (2" conduit from PB to T1/T2 base)
(unless otherwise noted)
- LOOP DETECTOR (In 1" Conduit)
- MICROWAVE DETECTOR ZONE
- SIGNAL HEAD NUMBER
MOUNTING CONFIGURATION
- MICROWAVE DETECTOR UNIT
- WALK/DON'T WALK INDICATOR 16"
WITH COUNTDOWN TIMER
- PEDESTRIAN HEAD W/PUSH BUTTON

MONOTUBE STRUCTURE NUMBERS	
SB2	S-44-0123
SB6	S-44-0125



Install on SB8

Install on SB7



NOTE
SIGNAL HEAD #1 SHALL HAVE A TUNNEL VISOR.

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.

CONFIGURATION WITH HEAD NUMBERS			
3-H 10	3-V 3, 4, 5 6, 7, 8 9, 11	4-VLP 1, 2	1-P 12, 13

TRAFFIC CONTROL SIGNAL

STH 441 SB & CTH CE

CITY OF APPLETON

OUTAGAMIE COUNTY

SIGNAL NO. 44-2004 CONTROLLER TYPE: EPAC TS2

WISCONSIN DEPARTMENT OF TRANSPORTATION

APPROVAL RECOMMENDED

Date 10-27-2014

APPROVED

Date

Robert J. Schuurmans

REGION TRAFFIC ENGINEER

Joanna L. Bush

STATE TRAFFIC ENGINEER

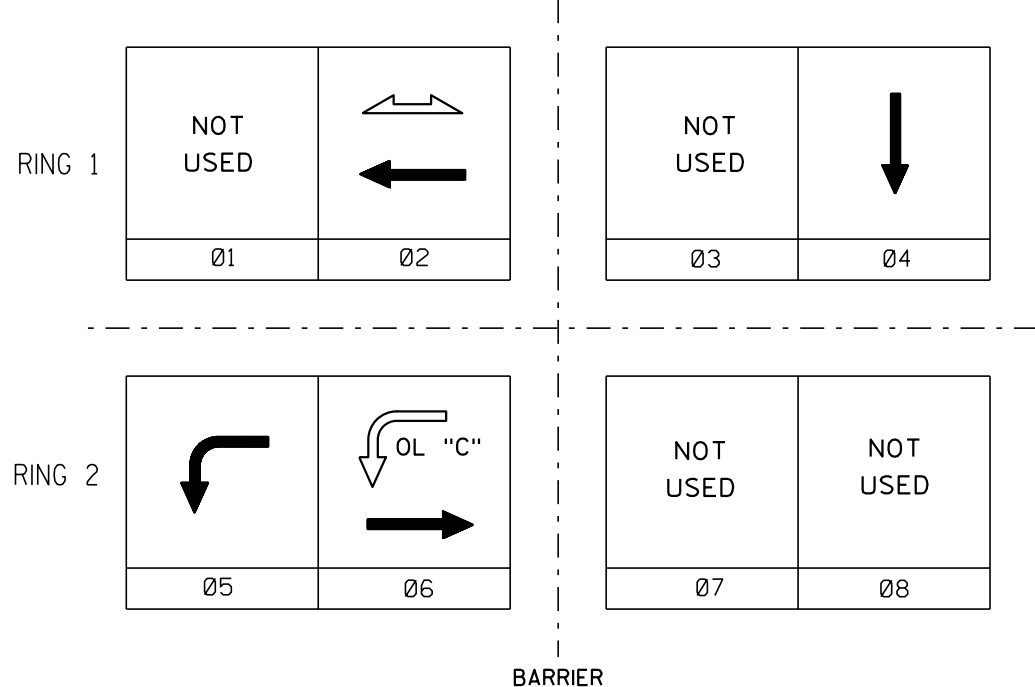
REGION CONTACT: RJS

DESIGNED BY: RJS

REVISED BY: RJS

PAGE 1 OF 2

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



CONTROLLER LOGIC

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

OVERLAP SPECIAL

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

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

TYPE OF COORDINATION	
NONE	
TBC	x
TRAFFIC RESPONSIVE	
ADAPTIVE	
*LOCATION OF MASTER CONTROLLER NO: S44-0511	
SIGNAL SYSTEM #: SS-0100	

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

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

DETECTOR LOGIC

RACK # 1

DETECTOR CHANNEL	3	1	7	5	11	9	15	13
PLAN LOOP DETECTOR *(S)		21	41	42	51	61		
ASSIGNED PHASE		2	4	4	5	6		
OPERATION MODE		Veh	Veh	Veh	Veh	Veh		
SWITCH TO PHASE								
EXTEND								
DELAY			Yes	Yes				
DETECTOR CHANNEL	4	2	8	6	12	10	16	14
PLAN LOOP DETECTOR *(S)		22		43		62		
ASSIGNED PHASE		2		4		6		
OPERATION MODE		Veh		Veh		Veh		
SWITCH TO PHASE								
EXTEND								
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
PLAN LOOP DETECTOR *(S)								
ASSIGNED PHASE								
OPERATION MODE								
SWITCH TO PHASE								
EXTEND								
DELAY								

GENERAL NOTES:

1. PROVIDE FOR HAND CONTROL.

As-Built 8-4-2016

STH 441 SB & CTH CE
CITY OF APPLETON
OUTAGAMIE COUNTY

SIGNAL NO. 44-2004

CONTROLLER TYPE: EPAC TS2

DATE: PAGE NO. 2 OF 2