

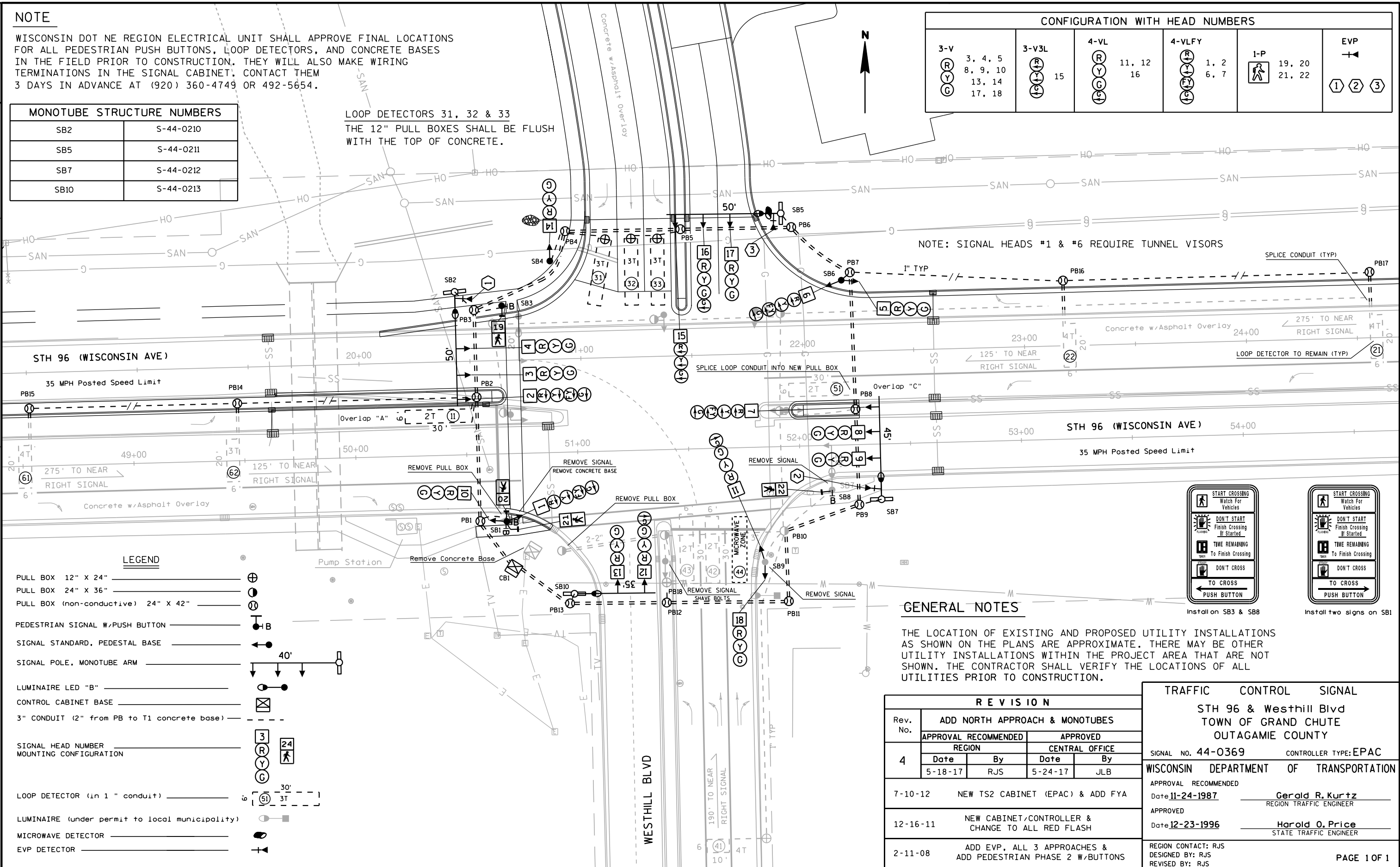
NOTE

WISCONSIN DOT NE REGION ELECTRICAL UNIT SHALL APPROVE FINAL LOCATIONS FOR ALL PEDESTRIAN PUSH BUTTONS, LOOP DETECTORS, AND CONCRETE BASES IN THE FIELD PRIOR TO CONSTRUCTION. THEY WILL ALSO MAKE WIRING TERMINATIONS IN THE SIGNAL CABINET. CONTACT THEM 3 DAYS IN ADVANCE AT (920) 360-4749 OR 492-5654.

MONOTUBE STRUCTURE NUMBERS	
SB2	S-44-0210
SB5	S-44-0211
SB7	S-44-0212
SB10	S-44-0213

LOOP DETECTORS 31, 32 & 33
THE 12" PULL BOXES SHALL BE FLUSH WITH THE TOP OF CONCRETE.

CONFIGURATION WITH HEAD NUMBERS					
3-V R Y G	3, 4, 5 8, 9, 10 13, 14 17, 18	3-V3L R Y G 15	4-VL R Y G 11, 12 16	4-VLFY R Y G 1, 2 6, 7	1-P 19, 20 21, 22 EVP 1 2 3

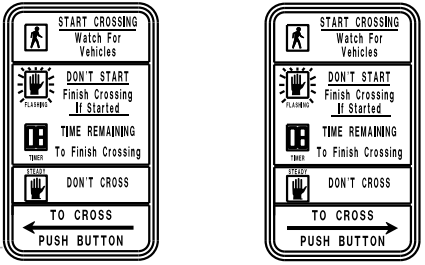


LEGEND

- PULL BOX 12" X 24"
- PULL BOX 24" X 36"
- PULL BOX (non-conductive) 24" X 42"
- PEDESTRIAN SIGNAL W/PUSH BUTTON
- SIGNAL STANDARD, PEDESTAL BASE
- SIGNAL POLE, MONOTUBE ARM
- LUMINAIRE LED "B"
- CONTROL CABINET BASE
- 3" CONDUIT (2" from PB to T1 concrete base)
- SIGNAL HEAD NUMBER MOUNTING CONFIGURATION
- LOOP DETECTOR (in 1" conduit)
- LUMINAIRE (under permit to local municipality)
- MICROWAVE DETECTOR
- EVP DETECTOR

GENERAL NOTES

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.

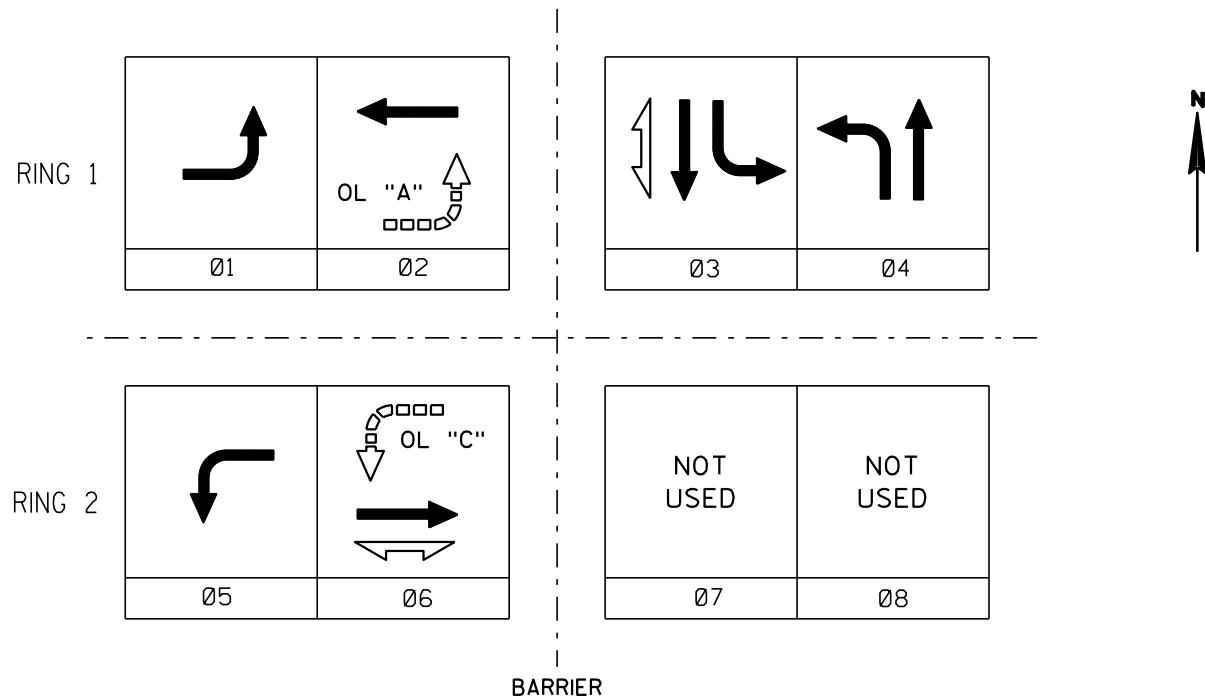


Install on SB3 & SB8
Install two signs on SB1

REVISION			
Rev. No.	ADD NORTH APPROACH & MONOTUBES		
	APPROVAL RECOMMENDED		APPROVED
	REGION		CENTRAL OFFICE
	Date	By	Date By
4	5-18-17	RJS	5-24-17 JLB
7-10-12	NEW TS2 CABINET (EPAC) & ADD FYA		
12-16-11	NEW CABINET/CONTROLLER & CHANGE TO ALL RED FLASH		
2-11-08	ADD EVP, ALL 3 APPROACHES & ADD PEDESTRIAN PHASE 2 W/BUTTONS		

TRAFFIC CONTROL SIGNAL	
STH 96 & Westhill Blvd TOWN OF GRAND CHUTE OUTAGAMIE COUNTY	
SIGNAL NO. 44-0369	CONTROLLER TYPE: EPAC
WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVAL RECOMMENDED Date 11-24-1987	Gerald R. Kurtz REGION TRAFFIC ENGINEER
APPROVED Date 12-23-1996	Harold O. Price STATE TRAFFIC ENGINEER
REGION CONTACT: RJS DESIGNED BY: RJS REVISED BY: RJS	PAGE 1 OF 1

	HEAD NUMBERS	FLASH
Ø1	6, 7	-
Ø2	3, 4, 5	R
Ø3	11, 12, 13, 14	R
Ø4	15, 16, 17, 18	R
Ø5	1, 2	-
Ø6	8, 9, 10	R
Ø7		
Ø8		
Ø2P		
Ø3P	19, 20	
Ø6P	21, 22	
Ø8P		
OLA	6, 7	R
OLB		
OLC	1, 2	R
OLD		



CONTROLLER LOGIC

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

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

TYPE OF COORDINATION	
NONE	
TBC	x
TRAFFIC RESPONSIVE	
ADAPTIVE	
*LOCATION OF MASTER CONTROLLER NO:	S44-0309
SIGNAL SYSTEM #:	SS-0078

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	
TOMAR	
HARDWIRE	
3M	x
LIFT BRIDGE	
QUEUE DETECTOR	

EMERGENCY VEHICLE PREEMPTION

EMERGENCY VEHICLE DETECTOR	1	2	3
MOVEMENT	←	→	↑
PHASE	2+5	1+6	4
3M CHANNEL	A	B	C

DETECTOR LOGIC

RACK # 1

DETECTOR CHANNEL	3	1	7	5	11	9	15	13
PLAN LOOP DETECTOR *(S)	11	21	31	33	41	43		44
ASSIGNED PHASE	1	2	3	3	4	4		4
OPERATION MODE	Veh	Veh	Veh	Veh	Veh	Veh		Veh
SWITCH TO PHASE								
EXTEND		Yes			Yes			Yes
DELAY			Yes					
DETECTOR CHANNEL	4	2	8	6	12	10	16	14
PLAN LOOP DETECTOR *(S)		22	32		42			
ASSIGNED PHASE		2	3		4			
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)	51	61						
ASSIGNED PHASE	5	6						
OPERATION MODE	Veh	Veh						
SWITCH TO PHASE								
EXTEND		Yes						
DELAY								
DETECTOR CHANNEL	20	18	24	22	28	26	32	30
PLAN LOOP DETECTOR *(S)		62						
ASSIGNED PHASE		6						
OPERATION MODE		Veh						
SWITCH TO PHASE								
EXTEND								
DELAY								

OVERLAP SPECIAL

	Protected	Permissive
OL "A"	1	2
OL "B"		
OL "C"	5	6
OL "D"		

GENERAL NOTES:

1. PROVIDE FOR HAND CONTROL.

Revision 4

STH 96 & WESTHILL BLVD
TOWN OF GRAND CHUTE
OUTAGAMIE COUNTY

SIGNAL NO. 44-0369

CABINET: TS2 CONTROLLER: EPAC

DATE: 5-24-2017 PAGE NO. 2 OF 2