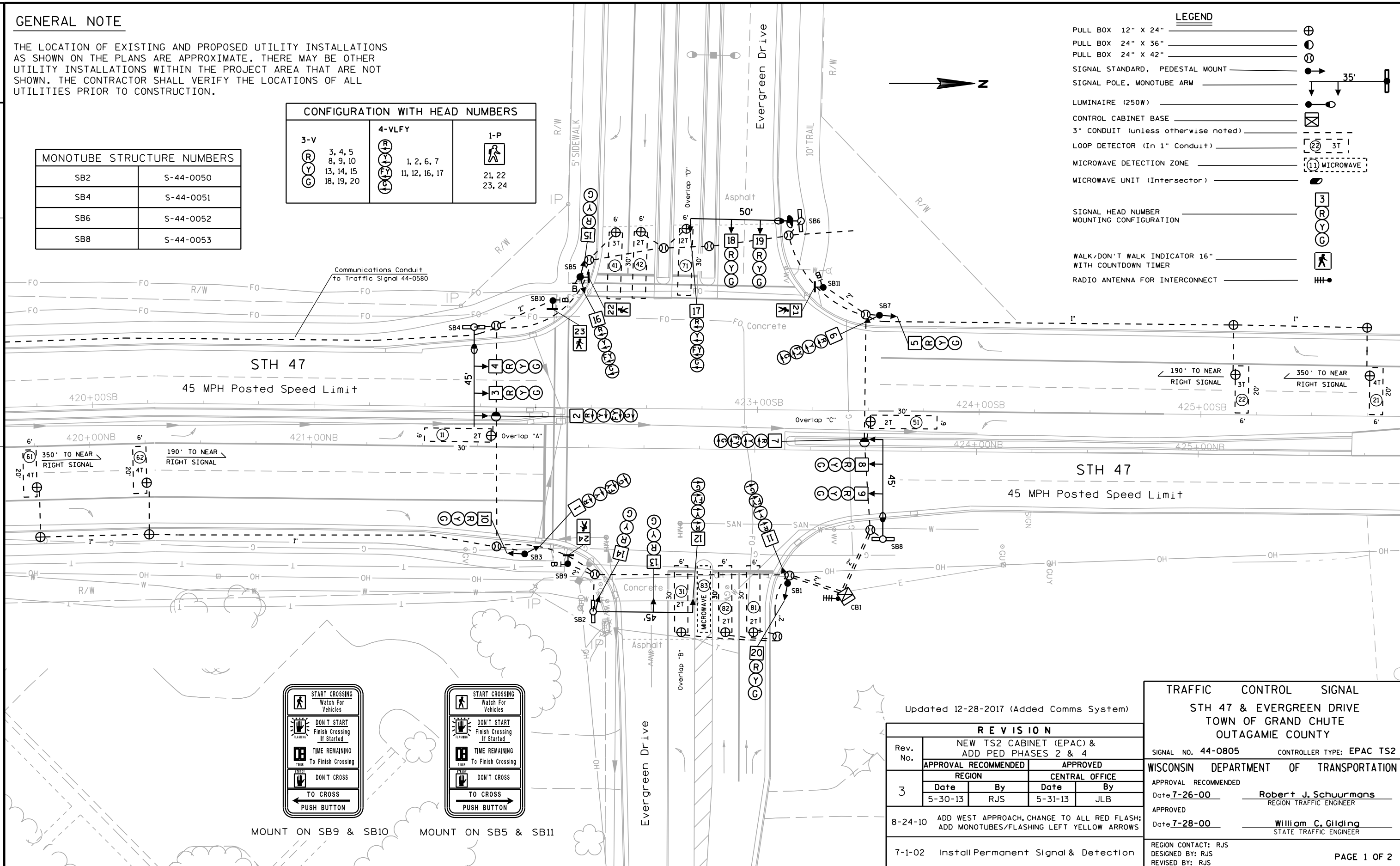


GENERAL NOTE

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.

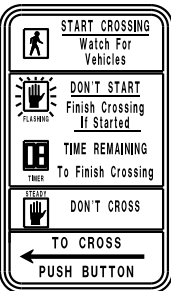
MONOTUBE STRUCTURE NUMBERS	
SB2	S-44-0050
SB4	S-44-0051
SB6	S-44-0052
SB8	S-44-0053

CONFIGURATION WITH HEAD NUMBERS		
3-V (R) 3, 4, 5 (Y) 8, 9, 10 (G) 13, 14, 15 18, 19, 20	4-VLFY (R) 1, 2, 6, 7 (Y) 11, 12, 16, 17 (G) 11, 12, 16, 17	1-P (P) 21, 22 23, 24

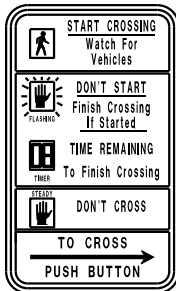


LEGEND

- PULL BOX 12" X 24" ⊕
- PULL BOX 24" X 36" ⊙
- PULL BOX 24" X 42" ⊖
- SIGNAL STANDARD, PEDESTAL MOUNT
- SIGNAL POLE, MONOTUBE ARM
- LUMINAIRE (250W)
- CONTROL CABINET BASE
- 3" CONDUIT (unless otherwise noted)
- LOOP DETECTOR (In 1" Conduit)
- MICROWAVE DETECTION ZONE
- MICROWAVE UNIT (Intersector)
- SIGNAL HEAD NUMBER MOUNTING CONFIGURATION
- WALK/DON'T WALK INDICATOR 16" WITH COUNTDOWN TIMER
- RADIO ANTENNA FOR INTERCONNECT



MOUNT ON SB9 & SB10



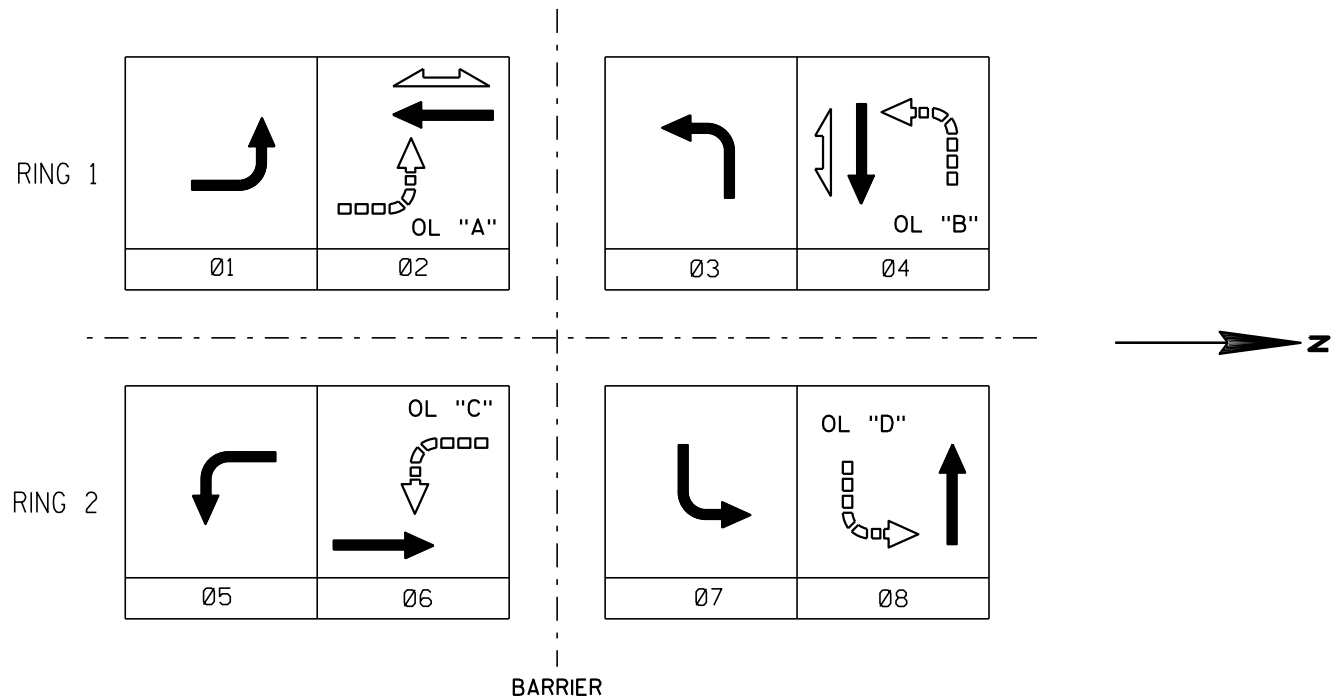
MOUNT ON SB5 & SB11

Updated 12-28-2017 (Added Comms System)

REVISION			
Rev. No.	NEW TS2 CABINET (EPAC) & ADD PED PHASES 2 & 4		
3	APPROVAL RECOMMENDED		APPROVED
	REGION	CENTRAL OFFICE	
	Date	By	Date By
8-24-10 ADD WEST APPROACH, CHANGE TO ALL RED FLASH; ADD MONOTUBES/FLASHING LEFT YELLOW ARROWS			
7-1-02 Install Permanent Signal & Detection			

TRAFFIC CONTROL SIGNAL	
STH 47 & EVERGREEN DRIVE TOWN OF GRAND CHUTE OUTAGAMIE COUNTY	
SIGNAL NO. 44-0805	CONTROLLER TYPE: EPAC TS2
WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVAL RECOMMENDED	APPROVED
Date 7-26-00	Robert J. Schuurmans REGION TRAFFIC ENGINEER
Date 7-28-00	William C. Gilding STATE TRAFFIC ENGINEER
REGION CONTACT: RJS DESIGNED BY: RJS REVISED BY: RJS	

	HEAD NUMBERS	FLASH
Ø1	6, 7	-
Ø2	3, 4, 5	R
Ø3	16, 17	-
Ø4	13, 14, 15	R
Ø5	1, 2	-
Ø6	8, 9, 10	R
Ø7	11, 12	-
Ø8	18, 19, 20	R
Ø2P	21, 22	
Ø4P	23, 24	
Ø6P		
Ø8P		
OLA	6, 7	R
OLB	16, 17	R
OLC	1, 2	R
OLD	11, 12	R



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

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:	S44-0580
SIGNAL SYSTEM #:	SS-0153

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
PLAN LOOP DETECTOR *(S)	11	21	31	41			
ASSIGNED PHASE	1	2	3	4			
OPERATION MODE	Veh	Veh	Veh	Veh			
SWITCH TO PHASE							
EXTEND		Yes					
DELAY				Yes			
DETECTOR CHANNEL	4	2	8	6	12	10	16
PLAN LOOP DETECTOR *(S)		22		42			
ASSIGNED PHASE		2		4			
OPERATION MODE		Veh		Veh			
SWITCH TO PHASE							
EXTEND							
DELAY							

RACK # 2							
DETECTOR CHANNEL	19	17	23	21	27	25	31
PLAN LOOP DETECTOR *(S)	51	61	71	81	83		
ASSIGNED PHASE	5	6	7	8	8		
OPERATION MODE	Veh	Veh	Veh	Veh	Veh		
SWITCH TO PHASE							
EXTEND		Yes					
DELAY				Yes			
DETECTOR CHANNEL	20	18	24	22	28	26	32
PLAN LOOP DETECTOR *(S)		62		82			
ASSIGNED PHASE		6		8			
OPERATION MODE		Veh		Veh			
SWITCH TO PHASE							
EXTEND							
DELAY							

OVERLAP SPECIAL

	Protected	Permissive
OL "A"	1	2
OL "B"	3	4
OL "C"	5	6
OL "D"	7	8

GENERAL NOTES:
1. PROVIDE FOR HAND CONTROL.

Updated 12-28-2017 (Added Comms System)

STH 47 & EVERGREEN DRIVE TOWN OF GRAND CHUTE OUTAGAMIE COUNTY	
SIGNAL NO.	805
CONTROLLER TYPE: EPAC TS2	
DATE: 5-31-2013	PAGE NO. 2 OF 2