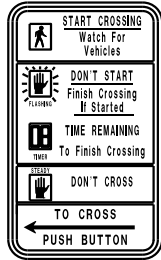
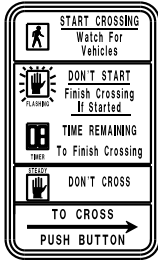


UTILITY NOTE

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.



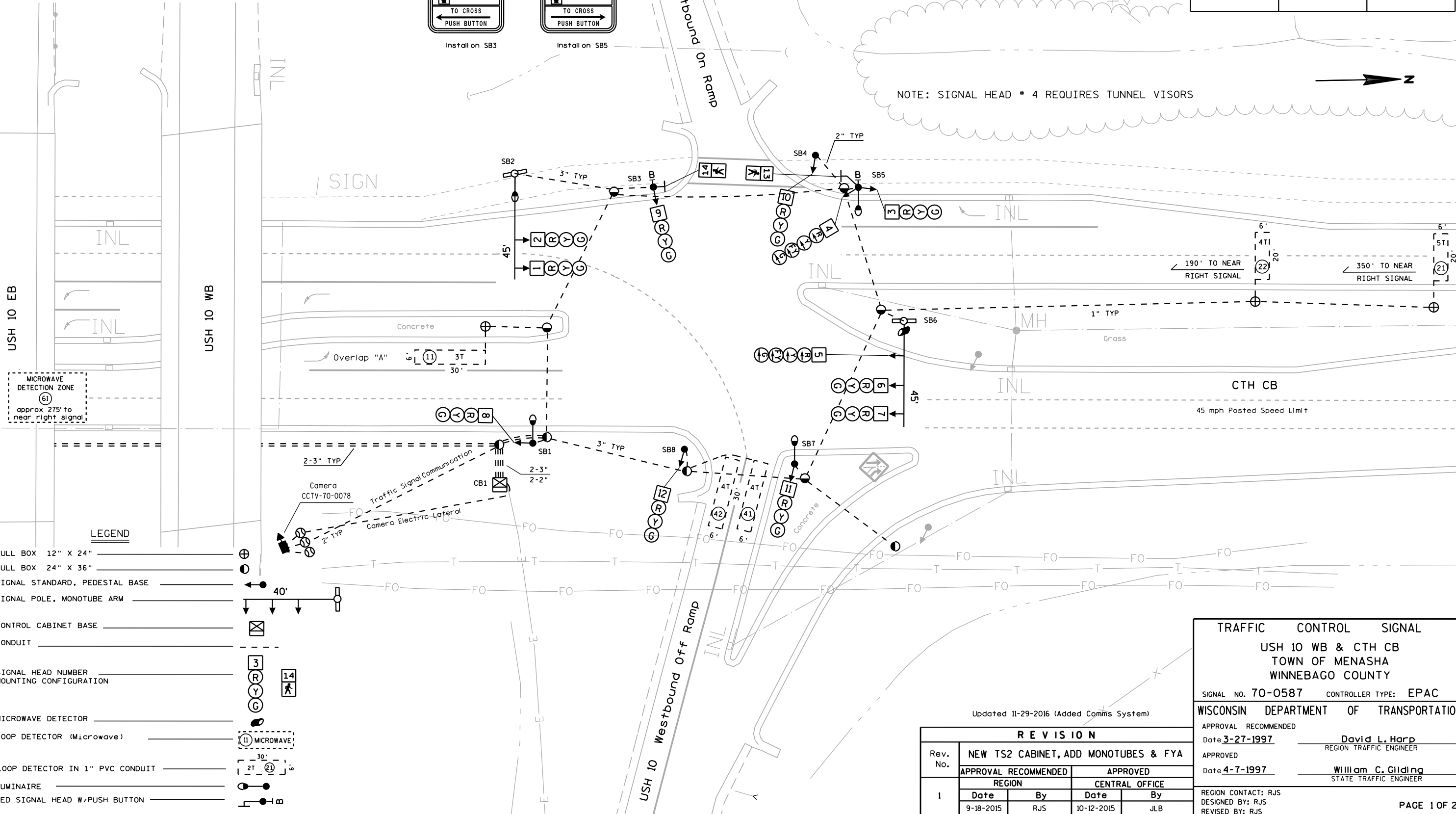
Install on SB3



Install on SB5

MONOTUBE STRUCTURE NUMBERS	
SB2	S-70-0364
SB6	S-70-0365

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



R E V I S I O N			
Rev. No.	NEW TS2 CABINET, ADD MONOTUBES & FYA		
1	APPROVAL RECOMMENDED		APPROVED
	REGION	CENTRAL OFFICE	
	Date	By	Date By
	9-18-2015	RJS	10-12-2015 JLB

TRAFFIC CONTROL SIGNAL

USH 10 WB & CTH CB

TOWN OF MENASHA

WINNEBAGO COUNTY

SIGNAL NO. 70-0587 CONTROLLER TYPE: EPAC

WISCONSIN DEPARTMENT OF TRANSPORTATION

APPROVAL RECOMMENDED

Date 3-27-1997

APPROVED

Date 4-7-1997

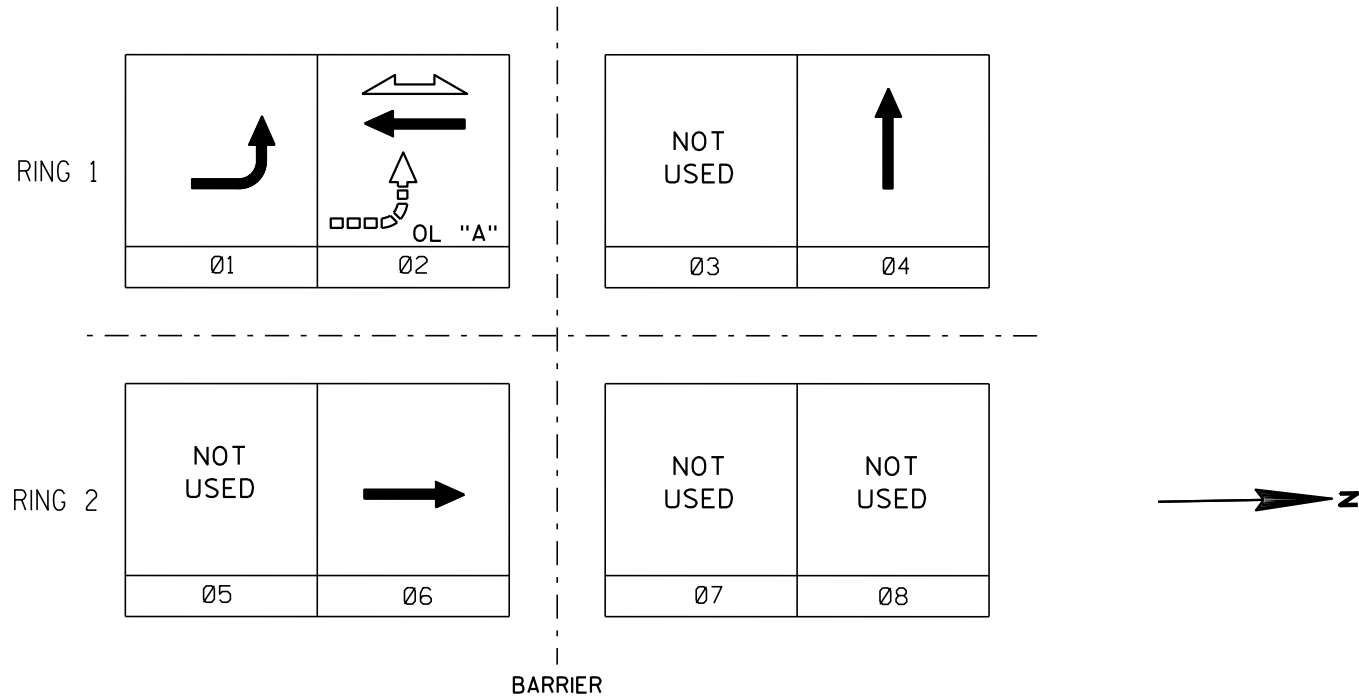
David L. Harp
REGION TRAFFIC ENGINEER

William C. Gilding
STATE TRAFFIC ENGINEER

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

PAGE 1 OF 2

	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		
Ø8P		
OLA	4, 5	R ←
OLB		
OLC		
OLD		



PHASE NUMBER	PHASE LOCKING	DUAL ENTRY W / Ø	PHASE RECALL	PHASE ACTIVE
1				x
2			MIN	x
3				
4				x
5				
6			MIN	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:	S70-2012
SIGNAL SYSTEM #:	SS70-0001

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)		61	11	21	41			
ASSIGNED PHASE		6	1	2	4			
OPERATION MODE		Veh	Veh	Yes	Veh			
SWITCH TO PHASE								
EXTEND		Yes		Yes				
DELAY			Yes					
DETECTOR CHANNEL	4	2	8	6	12	10	16	14
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	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								

OVERLAP SPECIAL

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

GENERAL NOTES:
1. PROVIDE FOR HAND CONTROL.

Updated 11-29-2016 (Added Comms System)

USH 10 WB & CTH CB TOWN OF MENASHA WINNEBAGO COUNTY	
SIGNAL NO. 70-0587	
CABINET: TS2	CONTROLLER: EPAC
DATE: 10-12-2015	PAGE NO. 2 OF 2