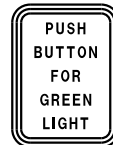


GENERAL NOTE

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.



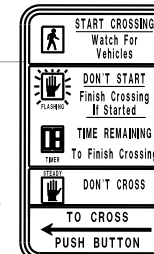
Install on SB1 & SB8

MONOTUBE STRUCTURE NUMBERS

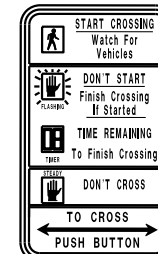
SB6	S-05-0399
SB13	S-05-0400

CONFIGURATION WITH HEAD NUMBERS

3-V	4-VLFY	5-VL	5-HL	1-P
3, 4, 5 9, 10, 11 14, 17	1, 2 6, 7, 8	12, 15 18	13, 16	19, 20

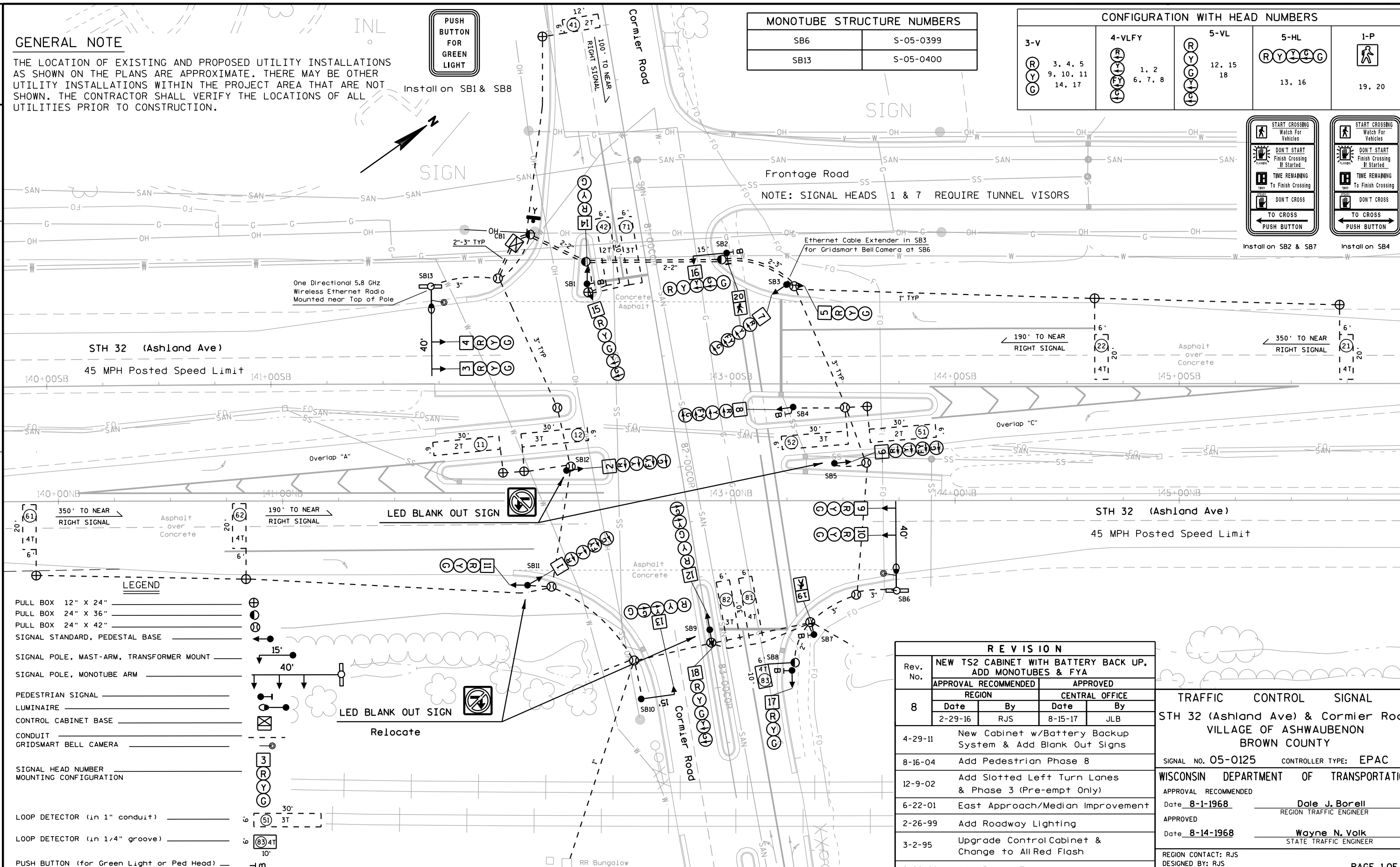


Install on SB2 & SB7



Install on SB4

NOTE: SIGNAL HEADS 1 & 7 REQUIRE TUNNEL VISORS



LEGEND

PULL BOX 12" X 24" _____
PULL BOX 24" X 36" _____
PULL BOX 24" X 42" _____
SIGNAL STANDARD, PEDESTAL BASE _____
SIGNAL POLE, MAST-ARM, TRANSFORMER MOUNT _____
SIGNAL POLE, MONOTUBE ARM _____
PEDESTRIAN SIGNAL _____
LUMINAIRE _____
CONTROL CABINET BASE _____
CONDUIT _____
GRIDSMArt BELL CAMERA _____
SIGNAL HEAD NUMBER _____
MOUNTING CONFIGURATION _____

LOOP DETECTOR (in 1" conduit) _____

LOOP DETECTOR (in 1/4" groove) _____

PUSH BUTTON (for Green Light or Ped Head) _____

REVISION

Rev. No.	NEW TS2 CABINET WITH BATTERY BACK UP, ADD MONOTUBES & FYA			
	APPROVAL RECOMMENDED		APPROVED	
8	REGION		CENTRAL OFFICE	
	Date	By	Date	By
	2-29-16	RJS	8-15-17	JLB
4-29-11	New Cabinet w/Battery Backup System & Add Blank Out Signs			
8-16-04	Add Pedestrian Phase 8			
12-9-02	Add Slotted Left Turn Lanes & Phase 3 (Pre-empt Only)			
6-22-01	East Approach/Median Improvement			
2-26-99	Add Roadway Lighting			
3-2-95	Upgrade Control Cabinet & Change to All Red Flash			
2-20-89	Add Phase 7			

TRAFFIC CONTROL SIGNAL

STH 32 (Ashland Ave) & Cormier Road
VILLAGE OF ASHWAUBENON
BROWN COUNTY

SIGNAL NO. 05-0125 CONTROLLER TYPE: EPAC

WISCONSIN DEPARTMENT OF TRANSPORTATION

APPROVAL RECOMMENDED

Date 8-1-1968

APPROVED

Date 8-14-1968

REGION CONTACT: RJS

DESIGNED BY: RJS

REVISED BY: RJS

Date J. Borell
REGION TRAFFIC ENGINEER

Wayne N. Volk
STATE TRAFFIC ENGINEER

PAGE 1 OF 2

PROJECT NO: 4190-16-71

HWY: STH 32

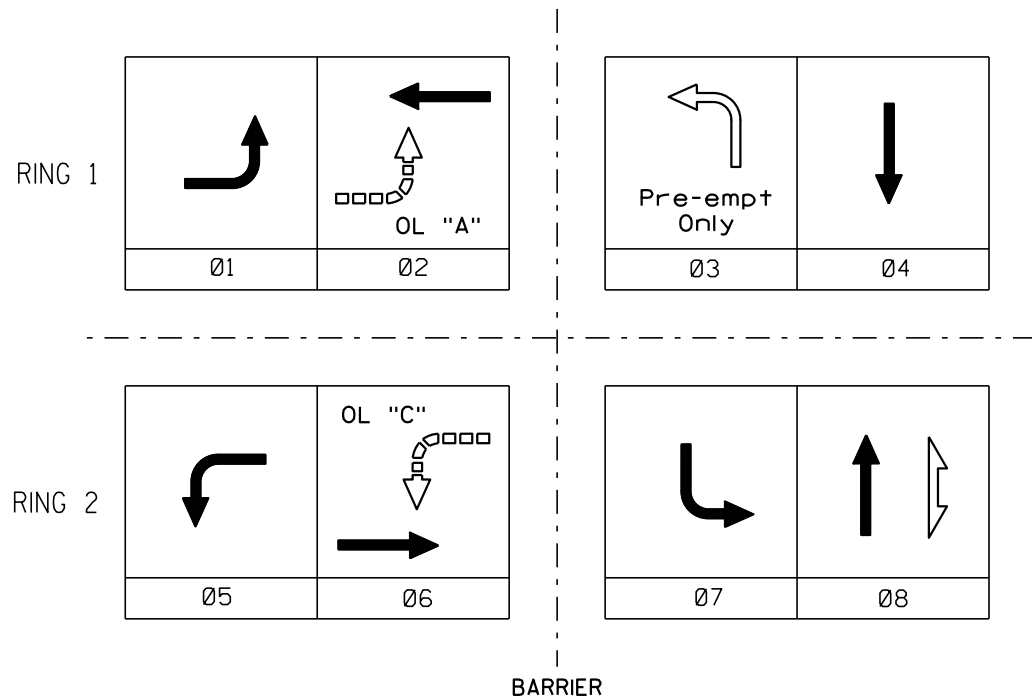
COUNTY: BROWN

TRAFFIC CONTROL SIGNAL S05-0125

SHEET

E

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



CONTROLLER LOGIC

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*	
FIBER OPTIC (ETHERNET)	
RADIO	x

TYPE OF COORDINATION	
NONE	
TBC	x
TRAFFIC RESPONSIVE	
ADAPTIVE	
*LOCATION OF MASTER CONTROLLER NO:	S00-0000
SIGNAL SYSTEM #:	SS00-0000

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

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

GENERAL NOTES:

1. PROVIDE FOR HAND CONTROL.
2. LED BLANK OUT SIGNS SHALL BE ILLUMINATED WHILE SIGNAL IS IN RR PREEMPTION, STARTING WHEN SIGNAL GETS TO TRACK GREEN.

DETECTOR LOGIC

RACK # 1

DETECTOR CHANNEL	3	1	7	5	11	9	15	13
PLAN LOOP DETECTOR *(S)	11	21	41	51	61	71	81	83
ASSIGNED PHASE	1	2	4	5	6	7	8	8
OPERATION MODE	Veh	Veh	Veh	Veh	Veh	Veh	Veh	Veh
SWITCH TO PHASE								
EXTEND		Yes			Yes			
DELAY			Yes				Yes	Yes
DETECTOR CHANNEL	4	2	8	6	12	10	16	14
PLAN LOOP DETECTOR *(S)	12	22	42	52	62		82	
ASSIGNED PHASE	1	2	4	5	6		8	
OPERATION MODE	Veh	Veh	Veh	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				Yes				
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"	5	6
OL "D"		

Revision 8

STH 32 (Ashland Ave) & Cormier Rd
VILLAGE OF ASHWAUBENON
BROWN COUNTY

SIGNAL NO. 05-0125

CABINET: TS2 CONTROLLER: EPAC

DATE: 8-15-2017 PAGE NO. 2 OF 2