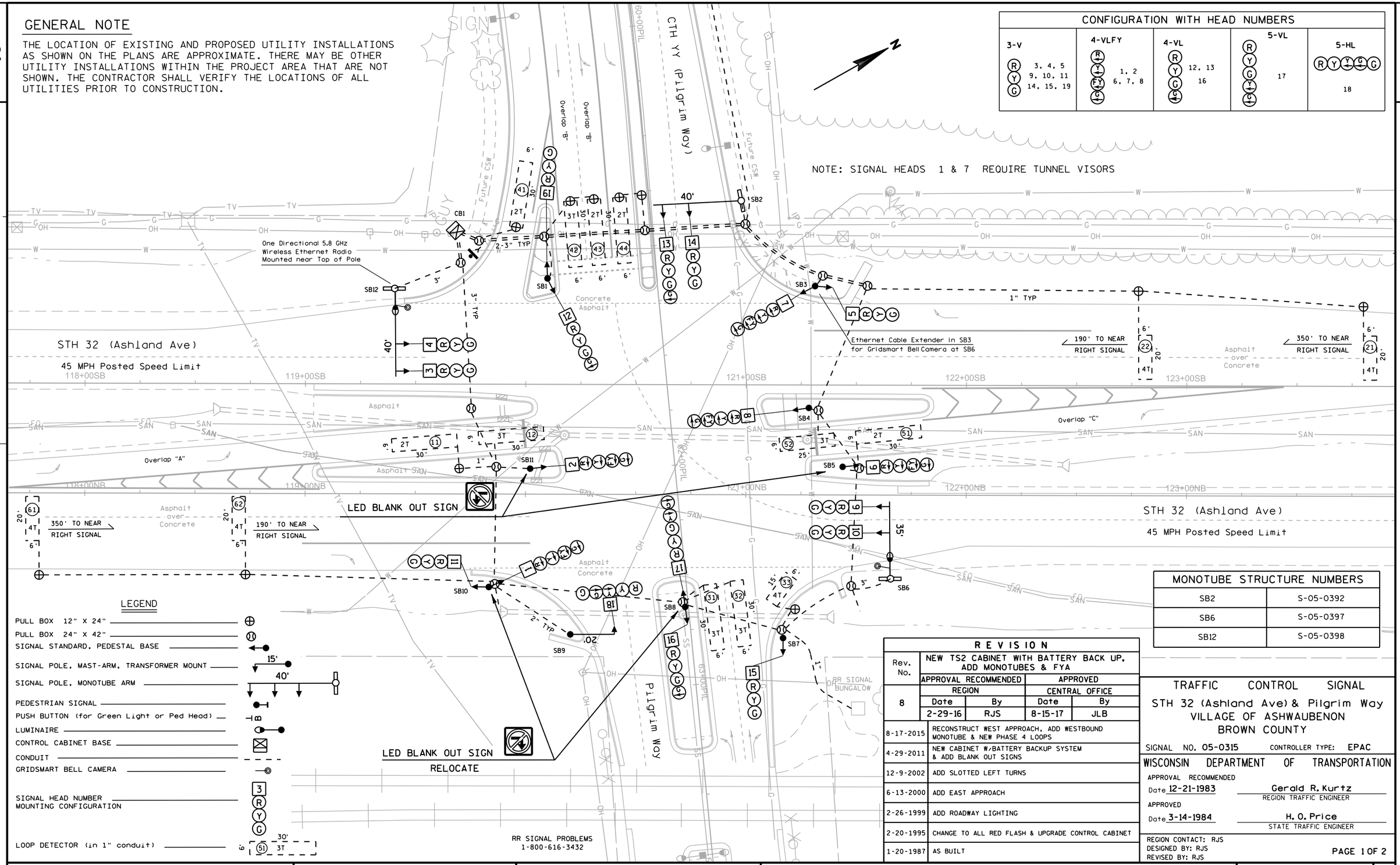
GENERAL NOTE

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-V	4-VLFY	4-VL	5-VL	5-HL
R Y G: 3, 4, 5 / 9, 10, 11 / 14, 15, 19	R Y FY G: 1, 2 / 6, 7, 8	R Y G: 12, 13 / 16	R Y G Y G: 17	R Y Y G G: 18

NOTE: SIGNAL HEADS 1 & 7 REQUIRE TUNNEL VISORS



LEGEND

- PULL BOX 12" X 24"
- PULL BOX 24" X 42"
- SIGNAL STANDARD, PEDESTAL BASE
- SIGNAL POLE, MAST-ARM, TRANSFORMER MOUNT (15')
- SIGNAL POLE, MONOTUBE ARM (40')
- PEDESTRIAN SIGNAL
- PUSH BUTTON (for Green Light or Ped Head)
- LUMINAIRE
- CONTROL CABINET BASE
- CONDUIT
- GRIDSMART BELL CAMERA
- SIGNAL HEAD NUMBER / MOUNTING CONFIGURATION
- LOOP DETECTOR (in 1" conduit)

MONOTUBE STRUCTURE NUMBERS	
SB2	S-05-0392
SB6	S-05-0397
SB12	S-05-0398

REVISION				
Rev. No.	NEW TS2 CABINET WITH BATTERY BACK UP, ADD MONOTUBES & FYA			
	APPROVAL RECOMMENDED		APPROVED	
	REGION		CENTRAL OFFICE	
8	Date: 2-29-16	By: RJS	Date: 8-15-17	By: JLB
8-17-2015	RECONSTRUCT WEST APPROACH, ADD WESTBOUND MONOTUBE & NEW PHASE 4 LOOPS			
4-29-2011	NEW CABINET W/BATTERY BACKUP SYSTEM & ADD BLANK OUT SIGNS			
12-9-2002	ADD SLOTTED LEFT TURNS			
6-13-2000	ADD EAST APPROACH			
2-26-1999	ADD ROADWAY LIGHTING			
2-20-1995	CHANGE TO ALL RED FLASH & UPGRADE CONTROL CABINET			
1-20-1987	AS BUILT			

TRAFFIC CONTROL SIGNAL

STH 32 (Ashland Ave) & Pilgrim Way
VILLAGE OF ASHWAUBENON
BROWN COUNTY

SIGNAL NO. 05-0315 CONTROLLER TYPE: EPAC

WISCONSIN DEPARTMENT OF TRANSPORTATION

APPROVAL RECOMMENDED
Date 12-21-1983 — Gerald R. Kurtz, REGION TRAFFIC ENGINEER

APPROVED
Date 3-14-1984 — H. O. Price, STATE TRAFFIC ENGINEER

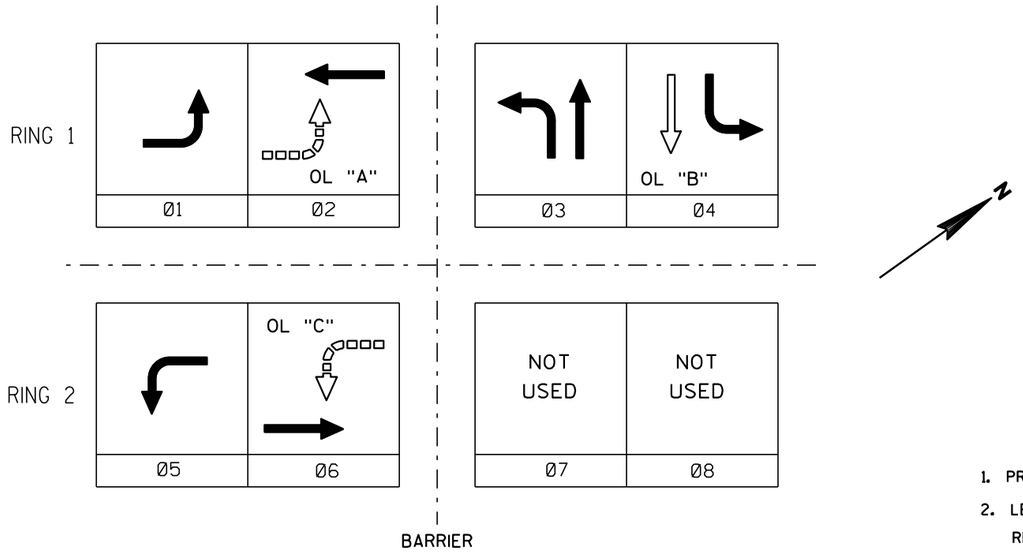
REGION CONTACT: RJS
DESIGNED BY: RJS
REVISED BY: RJS

PROJECT NO: 4190-16-71	HWY: STH 32	COUNTY: BROWN	TRAFFIC CONTROL SIGNAL S05-0315	SHEET E

FILE NAME : F:\d3_traffi\S-315,rev8.dgn PLOT DATE : 23-OCT-2017 13:30 PLOT BY : dotc5s PLOT NAME : S-315,rev8 PLOT SCALE : 40:1

WISDOT/CADDS SHEET 42

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

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.

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	

DETECTOR LOGIC

RACK # 1

DETECTOR CHANNEL	3	1	7	5	11	9	15	13
PLAN LOOP DETECTOR #(S)	11	21	31	33	41	43	51	61
ASSIGNED PHASE	1	2	3	3	4	4	5	6
OPERATION MODE	Veh	Veh	Veh	Veh	Veh	Veh	Veh	Veh
SWITCH TO PHASE								
EXTEND		Yes						Yes
DELAY				Yes	Yes			
DETECTOR CHANNEL	4	2	8	6	12	10	16	14
PLAN LOOP DETECTOR #(S)	12	22	32		42	44	52	62
ASSIGNED PHASE	1	2	3		4	4	5	6
OPERATION MODE	Veh	Veh	Veh		Veh	Veh	Veh	Veh
SWITCH TO PHASE								
EXTEND								
DELAY			Yes					

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 STANDARD

O.L. "B" = Ø4

OVERLAP SPECIAL

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

Revision 8

STH 32 (Ashland Ave) & Pilgrim Way
VILLAGE OF ASHWAUBENON
BROWN COUNTY

SIGNAL NO. 05-0315

CABINET: TS2 CONTROLLER: EPAC

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

PROJECT NO: 4190-16-71	HWY: STH 32	COUNTY: BROWN	SEQUENCE OF OPERATIONS S05-0315	SHEET	E