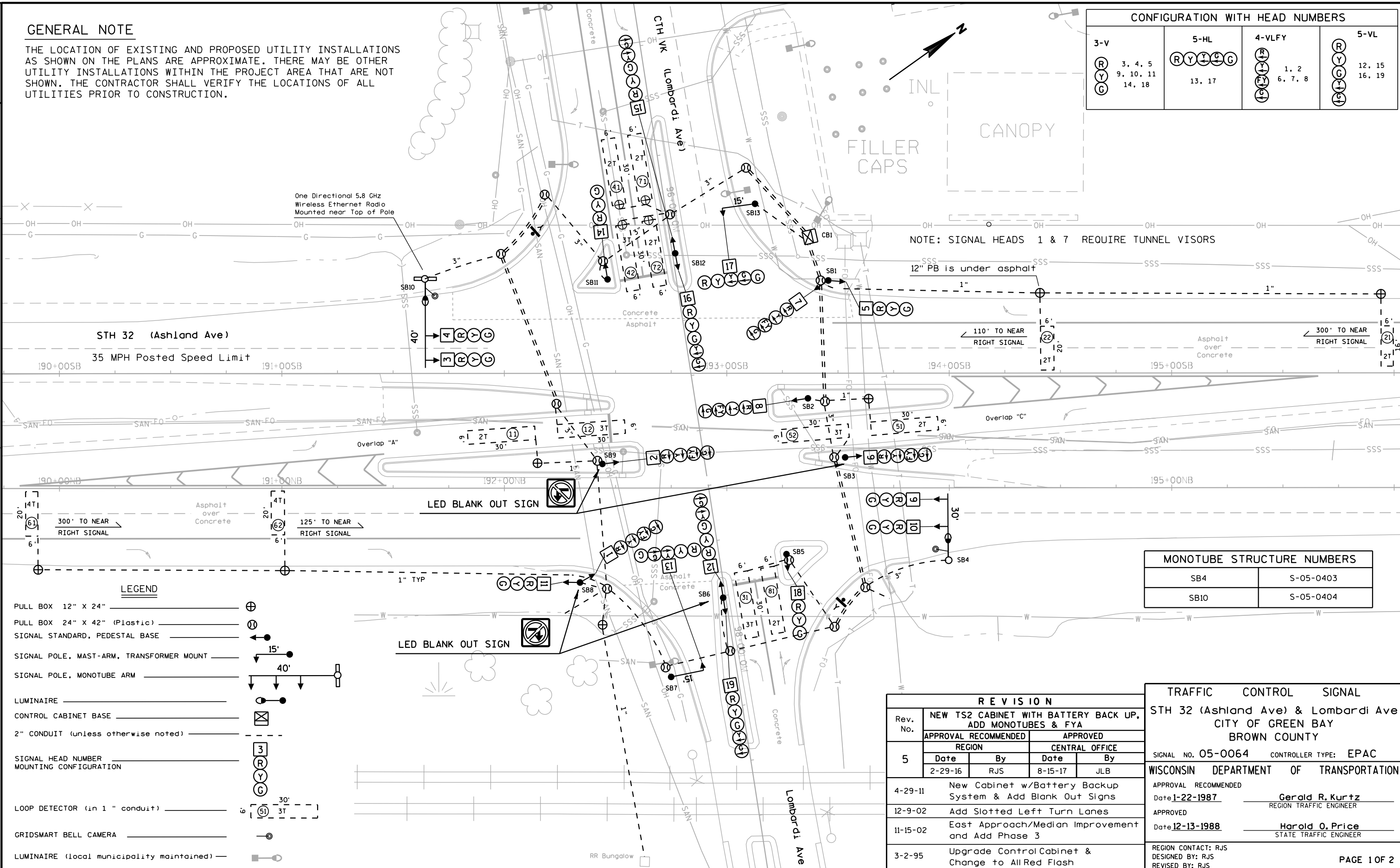


GENERAL NOTE

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	5-HL	4-VLFY	5-VL
<div><div>R</div><div>Y</div><div>G</div></div> <div>3, 4, 5 9, 10, 11 14, 18</div>	<div><div>R</div><div>Y</div><div>Y</div><div>G</div><div>G</div></div> <div>13, 17</div>	<div><div>R</div><div>Y</div><div>F</div><div>Y</div><div>C</div></div> <div>1, 2 6, 7, 8</div>	<div><div>R</div><div>Y</div><div>G</div><div>C</div><div>L</div></div> <div>12, 15 16, 19</div>



**LEGEND**

PULL BOX 12" X 24"

PULL BOX 24" X 42" (Plastic)

SIGNAL STANDARD, PEDESTAL BASE

SIGNAL POLE, MAST-ARM, TRANSFORMER MOUNT

SIGNAL POLE, MONOTUBE ARM

LUMINAIRE

CONTROL CABINET BASE

2" CONDUIT (unless otherwise noted)

SIGNAL HEAD NUMBER MOUNTING CONFIGURATION

LOOP DETECTOR (in 1" conduit)

GRIDSMArt BELL CAMERA

LUMINAIRE (local municipality maintained)

MONOTUBE STRUCTURE NUMBERS	
SB4	S-05-0403
SB10	S-05-0404

R E V I S I O N				
Rev. No.	NEW TS2 CABINET WITH BATTERY BACK UP, ADD MONOTUBES & FYA			
	APPROVAL RECOMMENDED		APPROVED	
5	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			
12-9-02	Add Slotted Left Turn Lanes			
11-15-02	East Approach/Median Improvement and Add Phase 3			
3-2-95	Upgrade Control Cabinet & Change to All Red Flash			

**TRAFFIC CONTROL SIGNAL**

STH 32 (Ashland Ave) & Lombardi Ave  
CITY OF GREEN BAY  
BROWN COUNTY

SIGNAL NO. 05-0064 CONTROLLER TYPE: EPAC

WISCONSIN DEPARTMENT OF TRANSPORTATION

APPROVAL RECOMMENDED  
Date 1-22-1987  
APPROVED  
Date 12-13-1988

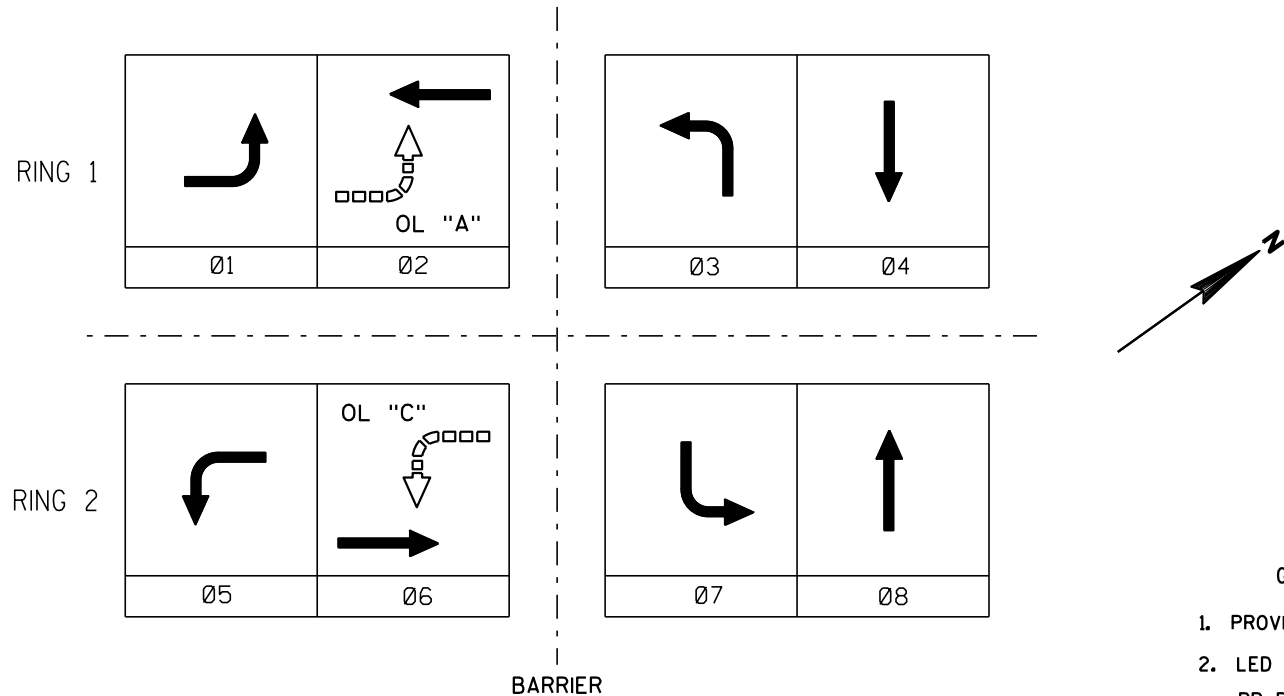
Gerald R. Kurtz  
REGION TRAFFIC ENGINEER

Harold O. Price  
STATE TRAFFIC ENGINEER

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

PAGE 1 OF 2

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



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	x
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
PLAN LOOP DETECTOR #(S)	11	21	31	41	51	61	71
ASSIGNED PHASE	1	2	3	4	5	6	7
OPERATION MODE	Veh	Veh	Veh	Veh	Veh	Veh	Veh
SWITCH TO PHASE			8				
EXTEND		Yes			Yes		
DELAY							
DETECTOR CHANNEL	4	2	8	6	12	10	16
PLAN LOOP DETECTOR #(S)	12	22		42	52	62	72
ASSIGNED PHASE	1	2		4	5	6	7
OPERATION MODE	Veh	Veh		Veh	Veh	Veh	Veh
SWITCH TO PHASE							
EXTEND							
DELAY							

RACK # 2							
DETECTOR CHANNEL	19	17	23	21	27	25	31
PLAN LOOP DETECTOR #(S)							
ASSIGNED PHASE							
OPERATION MODE							
SWITCH TO PHASE							
EXTEND							
DELAY							
DETECTOR CHANNEL	20	18	24	22	28	26	32
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 5

STH 32 (Ashland Ave) & Lombardi Ave  
CITY OF GREEN BAY  
BROWN COUNTY

SIGNAL NO. 05-0064

CABINET: TS2 CONTROLLER: EPAC

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