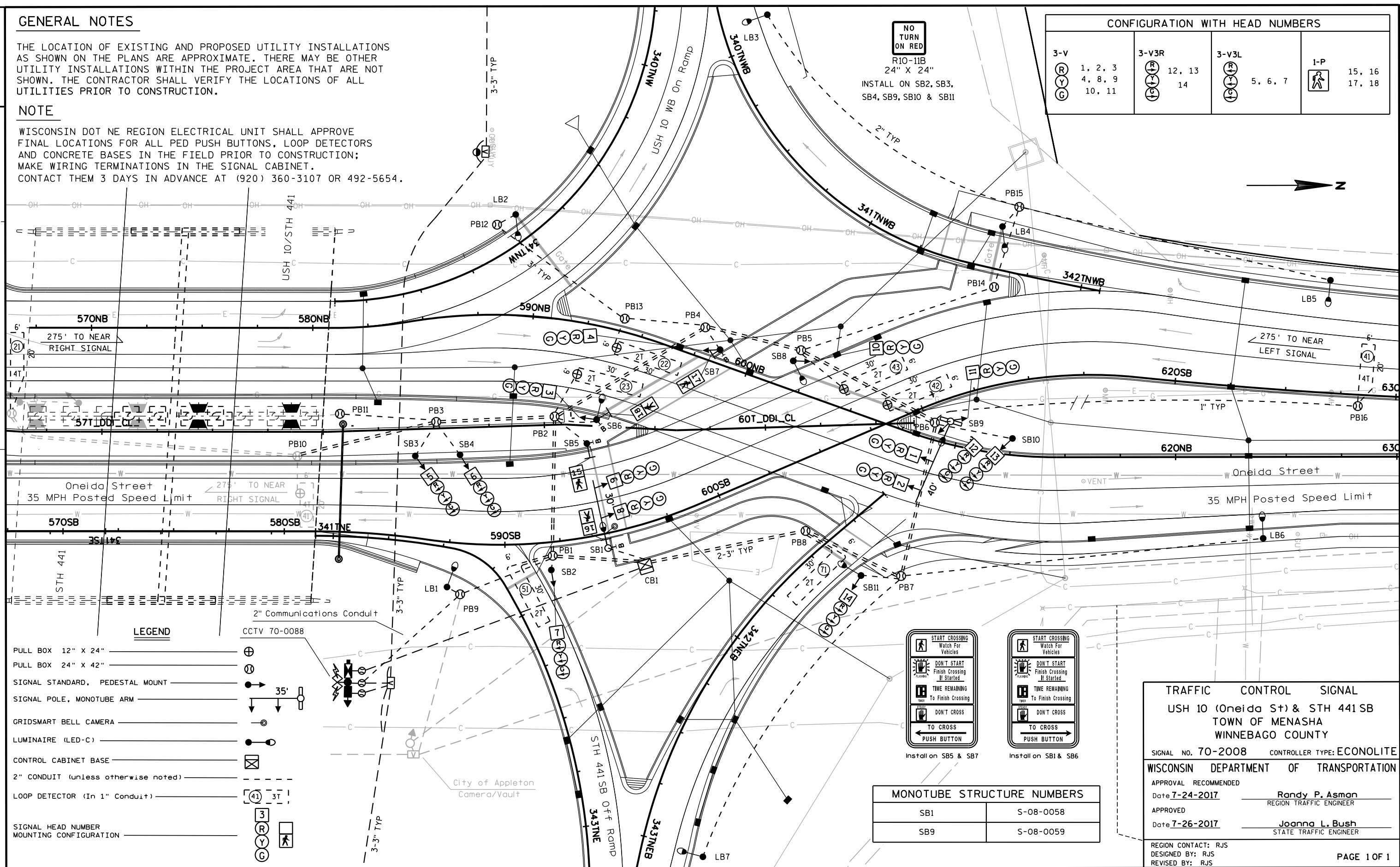


THE LOCATION OF EXISTING AND PROPOSED UTILITY INSTALLATIONS AS SHOWN ON THE PLANS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN. THE CONTRACTOR SHALL VERIFY THE LOCATIONS OF ALL UTILITIES PRIOR TO CONSTRUCTION.

WISCONSIN DOT NE REGION ELECTRICAL UNIT SHALL APPROVE
FINAL LOCATIONS FOR ALL PED PUSH BUTTONS, LOOP DETECTORS
AND CONCRETE BASES IN THE FIELD PRIOR TO CONSTRUCTION;
MAKE WIRING TERMINATIONS IN THE SIGNAL CABINET.
CONTACT THEM 3 DAYS IN ADVANCE AT (920) 360-3107 OR 492-5654.

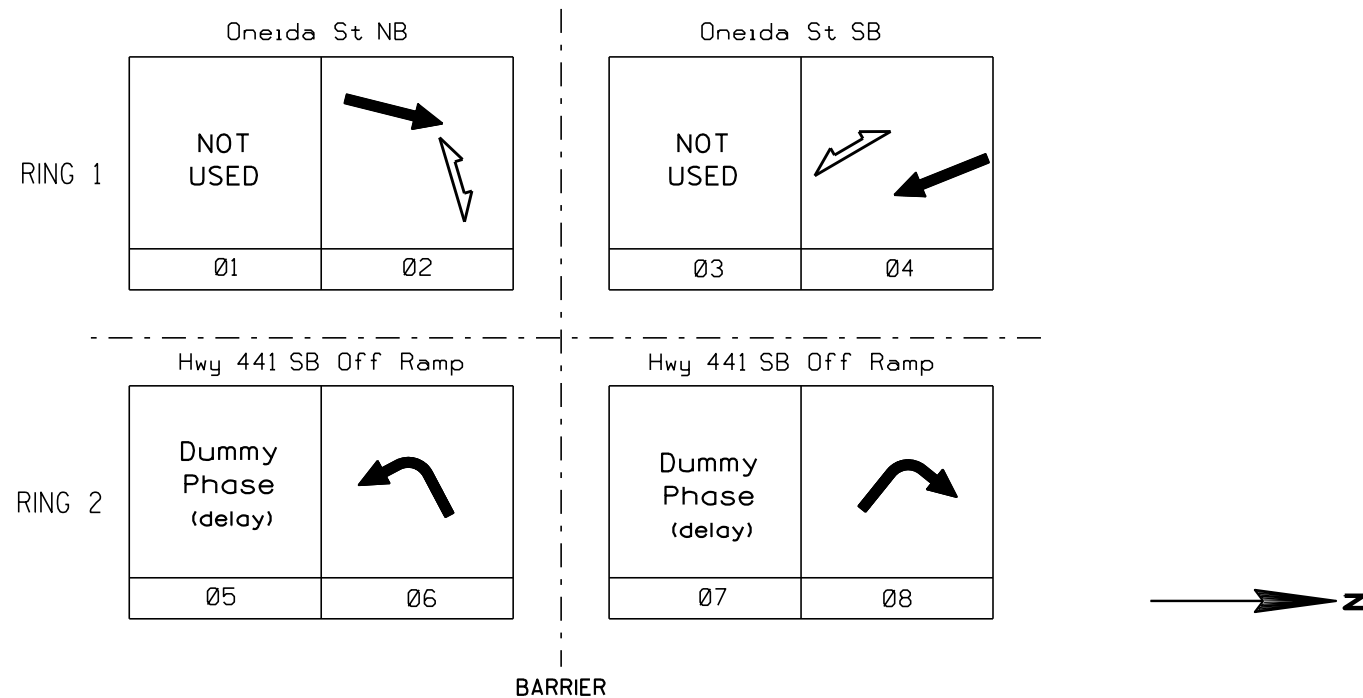
CONFIGURATION WITH HEAD NUMBERS			
3-V  1, 2, 3 4, 8, 9 10, 11	3-V3R  12, 13 14	3-V3L  5, 6, 7	1-P  15, 16 17, 18



MONOTUBE STRUCTURE NUMBERS	
SB1	S-08-0058
SB9	S-08-0059

TRAFFIC CONTROL SIGNAL
USH 10 (Oneida St) & STH 441 SB
TOWN OF MENASHA
WINNEBAGO COUNTY
SIGNAL NO. 70-2008 CONTROLLER TYPE: ECONOLITE
WISCONSIN DEPARTMENT OF TRANSPORTATION
APPROVAL RECOMMENDED
Date 7-24-2017 Randy P. Asman
REGIONAL TRAFFIC ENGINEER
APPROVED
Date 7-26-2017 Joanna L. Bush
STATE TRAFFIC ENGINEER
REGION CONTACT: RJS
DESIGNED BY: RJS
REVISED BY: RJS
PAGE 1 OF 1

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



CONTROLLER LOGIC

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

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:	S70-2008
SIGNAL SYSTEM #:	SS70-0152

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	

RACK # 1							
DETECTOR CHANNEL	3	1	7	5	11	9	15
PLAN LOOP DETECTOR *(S)	21	23	41	43	51	71	
ASSIGNED PHASE	2	2	4	4	5	7	
ALSO CALLED	5, 6	5, 6	7, 8	7, 8	6	4, 8	
OPERATION MODE	Veh	Veh	Veh	Veh	Veh	Veh	
SWITCH TO PHASE							
EXTEND							
DELAY	Yes						
DETECTOR CHANNEL	4	2	8	6	12	10	16
PLAN LOOP DETECTOR *(S)	22		42				
ASSIGNED PHASE	2		4				
ALSO CALLED	5, 6		7, 8				
OPERATION MODE	Veh		Veh				
SWITCH TO PHASE							
EXTEND							
DELAY							

DETECTOR LOGIC

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

GENERAL NOTES:

1. PROVIDE FOR HAND CONTROL.
2. STREET LIGHT BOARD WITH HEAVY DUTY CONTACTOR REQUIRED FOR THE 12 LUMINAIRES AND 4 UNDERDECK LIGHTS.

USH 10 (Oneida St) & STH 441 SB
VILLAGE OF FOX CROSSING
WINNEBAGO COUNTY

SIGNAL NO. 70-2008

CABINET: TS2 CONTROLLER: ECONOLITE

DATE: 7-26-2017 PAGE NO. 2 OF 2