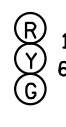
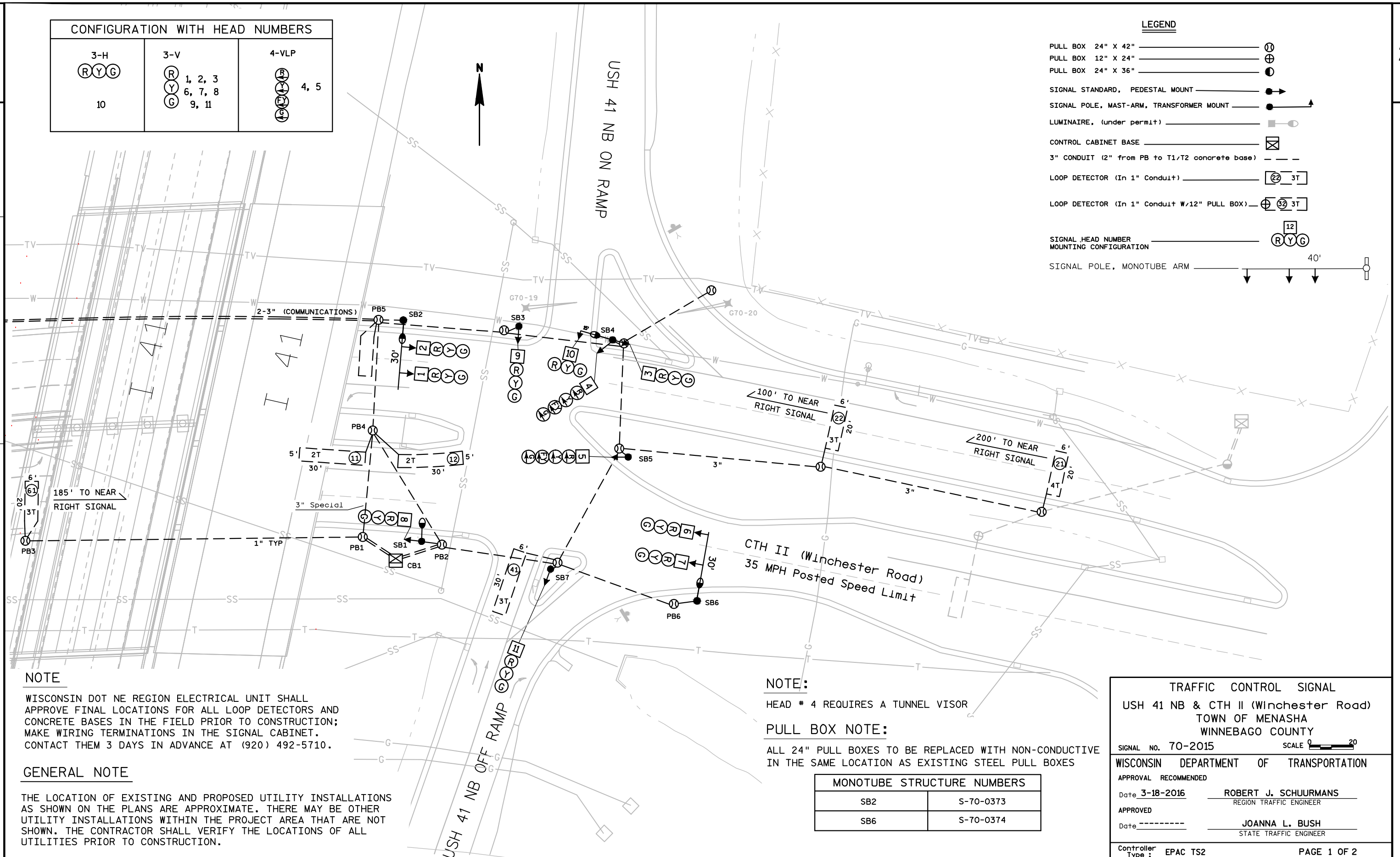


CONFIGURATION WITH HEAD NUMBERS

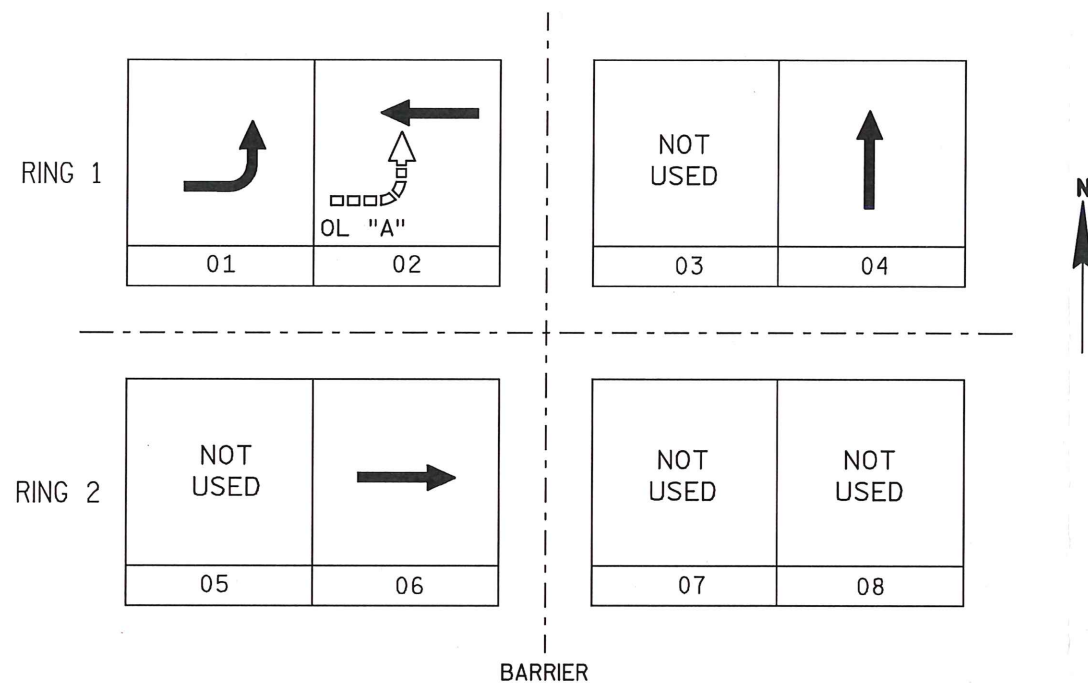
3-H	3-V	4-VLP
		
10	1, 2, 3 6, 7, 8 9, 11	4, 5

LEGEND

PULL BOX 24" X 42"	
PULL BOX 12" X 24"	
PULL BOX 24" X 36"	
SIGNAL STANDARD, PEDESTAL MOUNT	
SIGNAL POLE, MAST-ARM, TRANSFORMER MOUNT	
LUMINAIRE, (under permit)	
CONTROL CABINET BASE	
3" CONDUIT (2" from PB to T1/T2 concrete base)	
LOOP DETECTOR (In 1" Conduit)	
LOOP DETECTOR (In 1" Conduit W/12" PULL BOX)	
SIGNAL HEAD NUMBER MOUNTING CONFIGURATION	
SIGNAL POLE, MONOTUBE ARM	



	HEAD NUMBERS	FLASH
01	4, 5, 9	-
02	1, 2, 3	R
03		
04	10, 11, 12	R
05		
06	6, 7, 8	R
07		
08		
02P		
04P		
06P		
08P		
OLA	4, 5, 9	R
OLB		
OLC		
OLD		



CONTROLLER LOGIC

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)	
RADIO	

TYPE OF COORDINATION	
NONE	
TBC	X
TRAFFIC RESPONSIVE	
ADAPTIVE	
*LOCATION OF MASTER CONTROLLER NO: S70-0295	
SIGNAL SYSTEM #: SS70-0002	

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)	11	21	41	61				
ASSIGNED PHASE	1	2	4	6				
OPERATION MODE	Veh	Veh	Veh	Veh				
SWITCH TO PHASE								
EXTEND		YES						
DELAY	YES							
DETECTOR CHANNEL	4	2	8	6	12	10	16	14
PLAN LOOP DETECTOR #(S)	12	22						
ASSIGNED PHASE	1	2						
OPERATION MODE	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 SPECIAL

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

GENERAL NOTES:

1. PROVIDE FOR HAND CONTROL.

I41 NB & CTH II (Winchester Rd.)
TOWN OF MENASHA
WINNEBAGO COUNTY

SIGNAL NO. 70-2015

Controller Type: EPAC TS2

Date: -----