

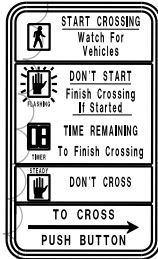
GENERAL NOTE

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.

NOTE

WISCONSIN DOT NE REGION ELECTRICAL UNIT SHALL APPROVE FINAL LOCATIONS FOR ALL LOOP DETECTORS AND CONCRETE BASES IN THE FIELD PRIOR TO CONSTRUCTION. CONTACT THEM 3 DAYS IN ADVANCE AT (920) 492-5710.

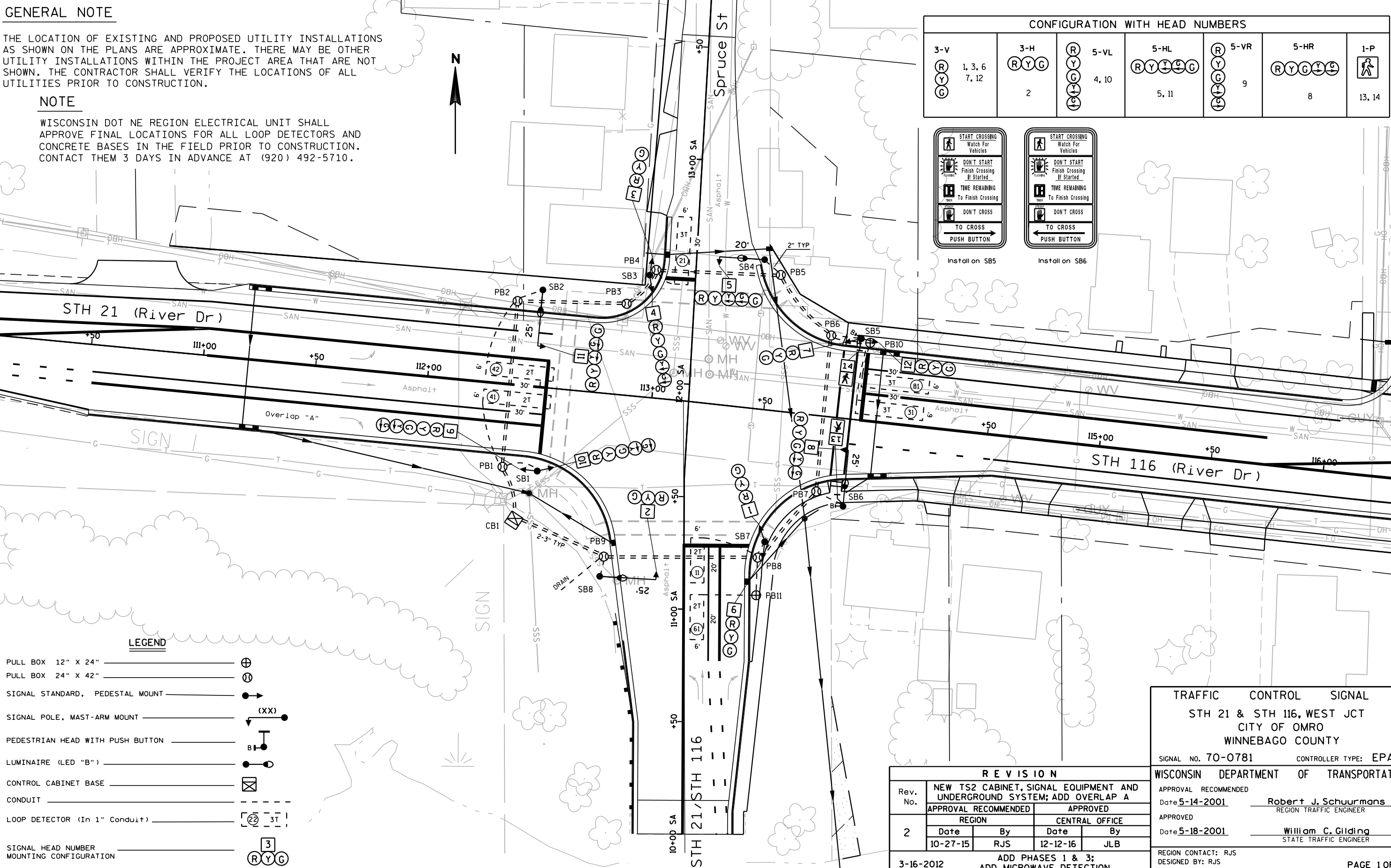
CONFIGURATION WITH HEAD NUMBERS						
3-V R Y G 1, 3, 6 7, 12	3-H R Y G 2	R Y G Y G C 5-VL 4, 10	5-HL R Y Y C G 5, 11	R Y G Y G C 5-VR 9	5-HR R Y G Y G C 8	1-P  13, 14



Install on SB5



Install on SB6



LEGEND

- PULL BOX 12" X 24" [Symbol]
- PULL BOX 24" X 42" [Symbol]
- SIGNAL STANDARD, PEDESTAL MOUNT [Symbol]
- SIGNAL POLE, MAST-ARM MOUNT [Symbol]
- PEDESTRIAN HEAD WITH PUSH BUTTON [Symbol]
- LUMINAIRE (LED "B") [Symbol]
- CONTROL CABINET BASE [Symbol]
- CONDUIT [Symbol]
- LOOP DETECTOR (In 1" Conduit) [Symbol]
- SIGNAL HEAD NUMBER MOUNTING CONFIGURATION [Symbol]

TRAFFIC CONTROL SIGNAL
STH 21 & STH 116, WEST JCT
CITY OF OMRO
WINNEBAGO COUNTY

SIGNAL NO. 70-0781 CONTROLLER TYPE: EPAC

WISCONSIN DEPARTMENT OF TRANSPORTATION

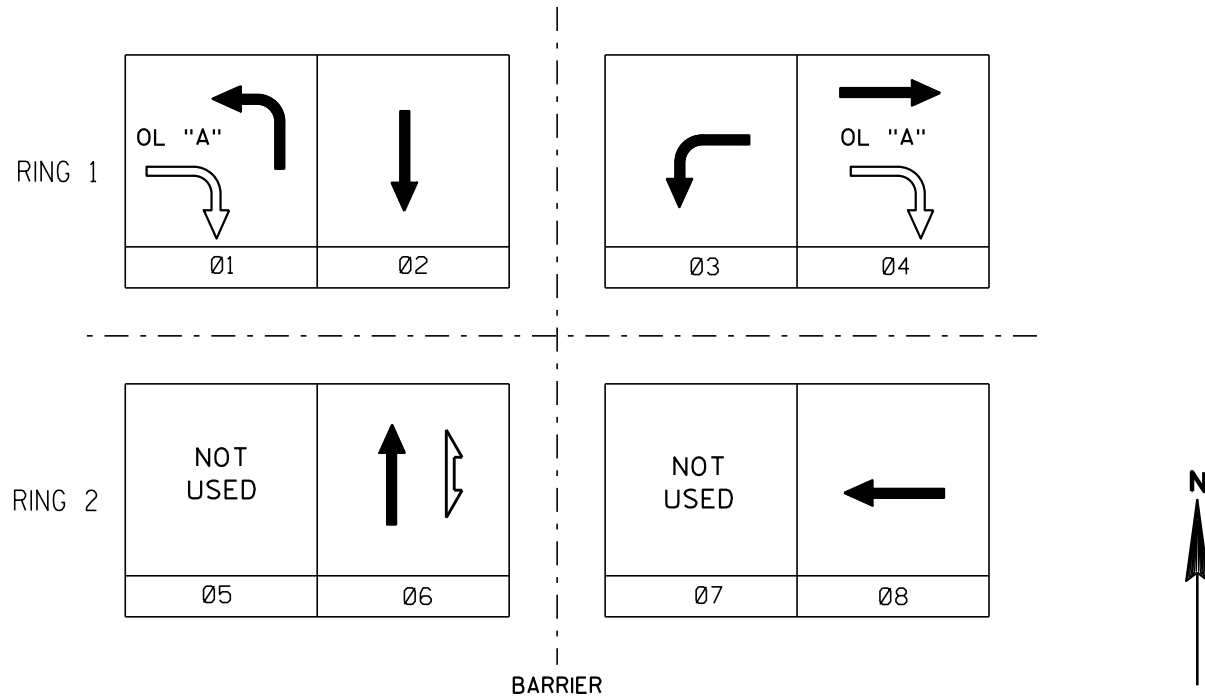
APPROVAL RECOMMENDED
Date 5-14-2001 Robert J. Schuurmans
REGIONAL TRAFFIC ENGINEER
APPROVED
Date 5-18-2001 William C. Gilding
STATE TRAFFIC ENGINEER

REGION CONTACT: RJS
DESIGNED BY: RJS
REVISED BY: RJS
PAGE 1 OF 1

REVISION			
Rev. No.	NEW TS2 CABINET, SIGNAL EQUIPMENT AND UNDERGROUND SYSTEM; ADD OVERLAP A		
2	APPROVAL RECOMMENDED		APPROVED
	REGION	CENTRAL OFFICE	
	Date 10-27-15	By RJS	Date 12-12-16 By JLB

3-16-2012 ADD PHASES 1 & 3;
ADD MICROWAVE DETECTION

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



CONTROLLER LOGIC

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

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:	S-000
SIGNAL SYSTEM #:	SS-0000

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	

OVERLAPS

O.L. "A" = Ø1, Ø4
O.L. "B" =
O.L. "C" =
O.L. "D" =

DETECTOR LOGIC

RACK # 1

DETECTOR CHANNEL	3	1	7	5	11	9	15	13
PLAN LOOP DETECTOR *(S)	11	21	31	41	61	81		
ASSIGNED PHASE	1	2	3	4	6	8		
OPERATION MODE	Veh	Veh	Veh	Veh	Veh	Veh		
SWITCH TO PHASE								
EXTEND								
DELAY				Yes		Yes		
DETECTOR CHANNEL	4	2	8	6	12	10	16	14
PLAN LOOP DETECTOR *(S)				42				
ASSIGNED PHASE				4				
OPERATION MODE				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								

GENERAL NOTES:

1. PROVIDE FOR HAND CONTROL.

STH 21 & STH 116, WEST JCT
CITY OF OMRO
WINNEBAGO COUNTY

SIGNAL NO. 70-0781

CABINET: TS2 CONTROLLER: EPAC

DATE: 12-12-2016 PAGE NO. 2 OF 2