

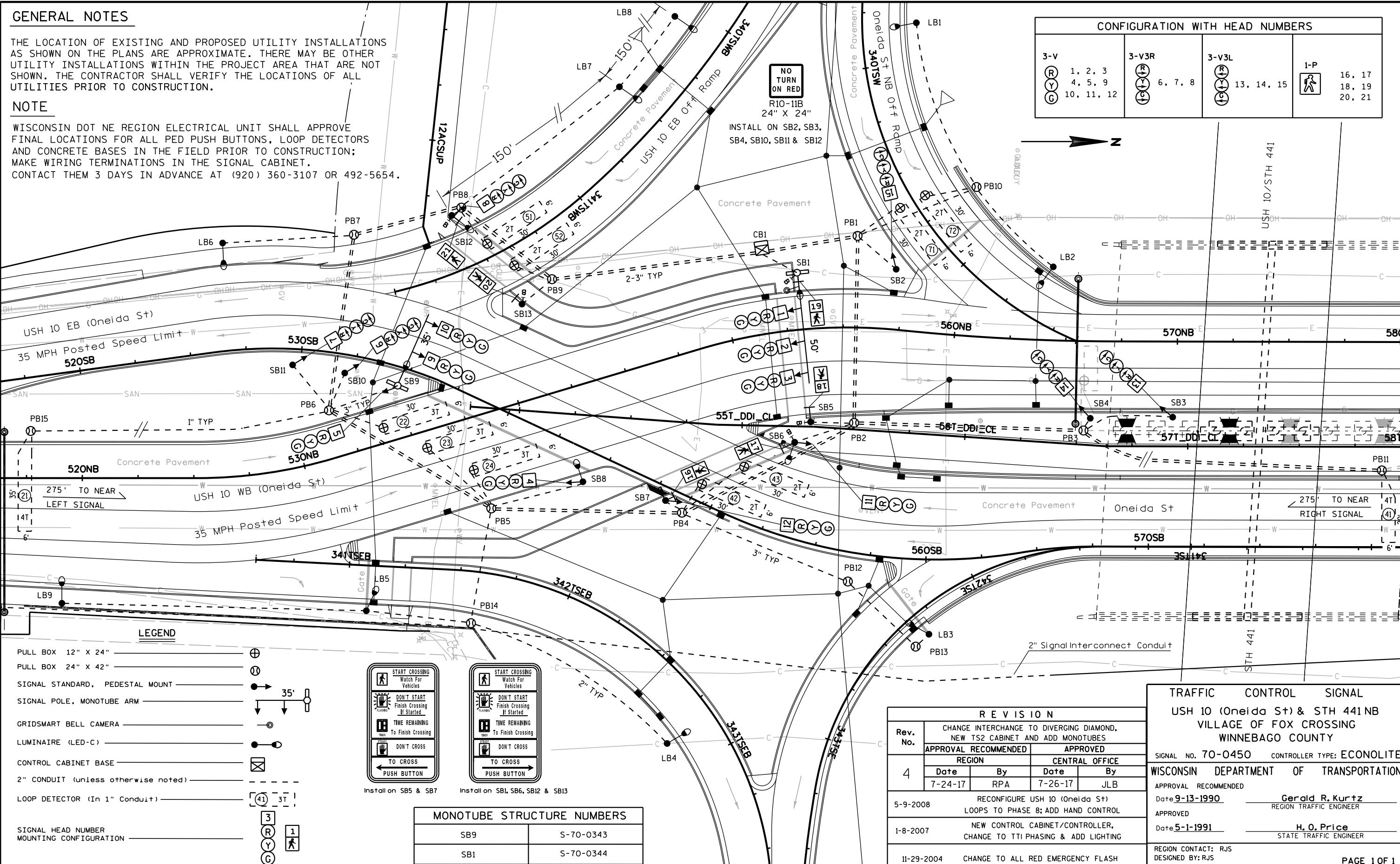
GENERAL NOTES

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

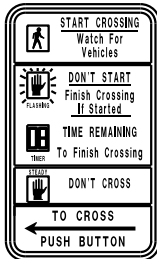
WISCONSIN DOT NE REGION ELECTRICAL UNIT SHALL APPROVE FINAL LOCATIONS FOR ALL PED PUSH BUTTONS, LOOP DETECTORS AND CONCRETE BASES IN THE FIELD PRIOR TO CONSTRUCTION; MAKE WIRING TERMINATIONS IN THE SIGNAL CABINET. CONTACT THEM 3 DAYS IN ADVANCE AT (920) 360-3107 OR 492-5654.

CONFIGURATION WITH HEAD NUMBERS			
3-V R Y G	1, 2, 3 4, 5, 9 10, 11, 12	3-V3R R Y G	6, 7, 8
3-V3L R Y G	13, 14, 15	1-P P	16, 17 18, 19 20, 21

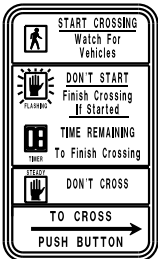


LEGEND

- PULL BOX 12" X 24"
- PULL BOX 24" X 42"
- SIGNAL STANDARD, PEDESTAL MOUNT
- SIGNAL POLE, MONOTUBE ARM
- GRIDSMArt BELL CAMERA
- LUMINAIRE (LED-C)
- CONTROL CABINET BASE
- 2" CONDUIT (unless otherwise noted)
- LOOP DETECTOR (In 1" Conduit)
- SIGNAL HEAD NUMBER MOUNTING CONFIGURATION



Install on SB5 & SB7



Install on SB1, SB6, SB12 & SB13

MONOTUBE STRUCTURE NUMBERS	
SB9	S-70-0343
SB1	S-70-0344

R E V I S I O N			
Rev. No.	CHANGE INTERCHANGE TO DIVERGING DIAMOND, NEW TS2 CABINET AND ADD MONOTUBES		
	APPROVAL RECOMMENDED		APPROVED
	REGION		CENTRAL OFFICE
	Date	By	Date By
4	7-24-17	RPA	7-26-17 JLB
5-9-2008	RECONFIGURE USH 10 (Oneida St) LOOPS TO PHASE 8; ADD HAND CONTROL		
1-8-2007	NEW CONTROL CABINET/CONTROLLER, CHANGE TO TTI PHASING & ADD LIGHTING		
11-29-2004	CHANGE TO ALL RED EMERGENCY FLASH		

TRAFFIC CONTROL SIGNAL

USH 10 (Oneida St) & STH 441 NB

VILLAGE OF FOX CROSSING

WINNEBAGO COUNTY

SIGNAL NO. 70-0450

CONTROLLER TYPE: ECONOLITE

WISCONSIN DEPARTMENT OF TRANSPORTATION

APPROVAL RECOMMENDED

Date 9-13-1990

APPROVED

Date 5-1-1991

REGION CONTACT: RJS

DESIGNED BY: RJS

REVISD BY: RJS

Gerald R. Kurtz

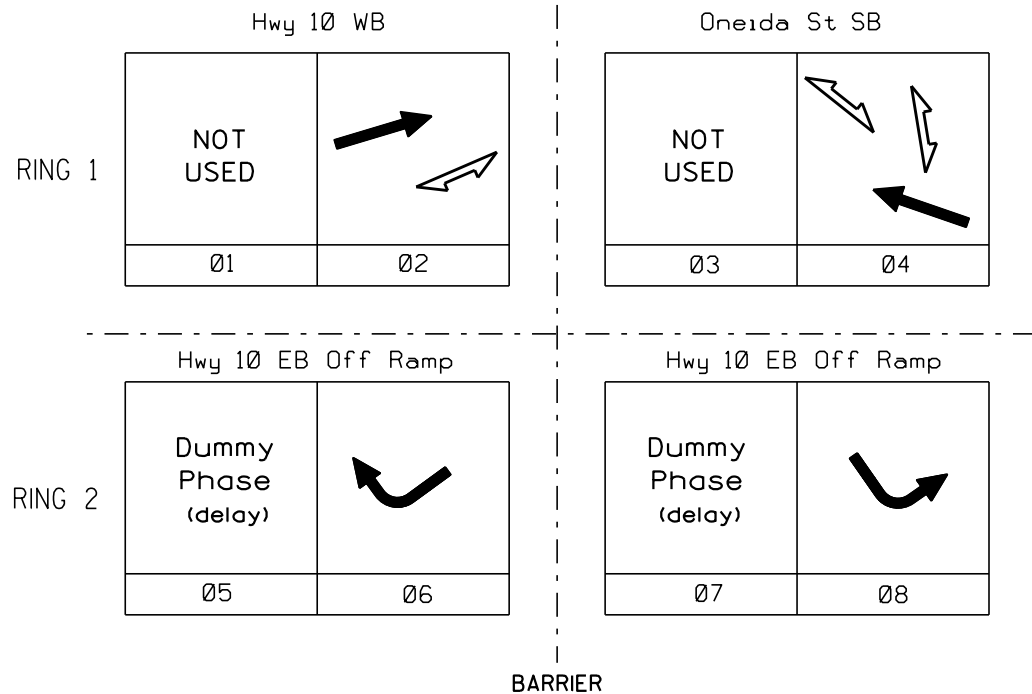
REGION TRAFFIC ENGINEER

H. O. Price

STATE TRAFFIC ENGINEER

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	HEAD NUMBERS	FLASH
Ø1		
Ø2	1, 2, 3, 4, 5	R
Ø3		
Ø4	9, 10, 11, 12	R
Ø5		
Ø6	6, 7, 8	R
Ø7		
Ø8	13, 14, 15	R
Ø2P	16, 17	-
Ø4P	18, 19, 20, 21	-
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*	x
FIBER OPTIC (ETHERNET)	
RADIO	

TYPE OF COORDINATION	
NONE	
TBC	x
TRAFFIC RESPONSIVE	
ADAPTIVE	
*LOCATION OF MASTER CONTROLLER NO:	S70-0450
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	24	42		52	72	
ASSIGNED PHASE	2	2	4		5	7	
ALSO CALLED	5, 6	5, 6	7, 8		6	4, 8	
OPERATION MODE	Veh	Veh	Veh		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 14 LUMINAIRES AND 4 UNDERDECK LIGHTS.

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

SIGNAL NO. 70-0450
CABINET: TS2 CONTROLLER: ECONOLITE
DATE: 7-26-2017 PAGE NO. 2 OF 2