

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 PEDESTRIAN PUSH BUTTONS, LOOP DETECTORS, AND CONCRETE BASES IN THE FIELD PRIOR TO CONSTRUCTION. THEY WILL ALSO MAKE WIRING TERMINATIONS IN THE SIGNAL CABINET. CONTACT THEM 3 DAYS IN ADVANCE AT (920) 360-3107 OR 492-5654.

MONOTUBE STRUCTURE NUMBERS

SB2	S-05-0301
SB4	S-05-0302
SB8	S-05-0303

CONFIGURATION WITH HEAD NUMBERS

3-V
R
Y
G

1, 2, 3
6, 7, 8
9, 10, 11

4-VLFY
R
Y
G

4, 5

1-P
P

12, 13
14, 15
16, 17



Install on SB5



Install on SB7



Install on SB9

NOTE: SIGNAL HEAD #4 REQUIRES TUNNEL VISORS

MICROWAVE ZONE (approx location)

CTH B (Sunset Beach Rd)
35 MPH Posted Speed Limit

LEGEND

- PULL BOX 12" X 24"
- PULL BOX 24" X 42"
- SIGNAL STANDARD, PEDESTAL BASE
- PEDESTRIAN SIGNAL W/PUSH BUTTON
- SIGNAL POLE, MONOTUBE ARM
- LUMINAIRE
- CONTROL CABINET BASE
- 3" CONDUIT (2" from PB to T1 concrete base)
- SIGNAL HEAD NUMBER MOUNTING CONFIGURATION
- LOOP DETECTOR
- MICROWAVE DETECTION ZONE
- MICROWAVE UNIT (Intersector)
- YIELD SIGN

REMOVE PB (TYP)
REMOVE SIGNAL (TYP)
REMOVE CONCRETE BASE (TYP)

PROJECT NO: 1150-54-71

HWY: USH 41

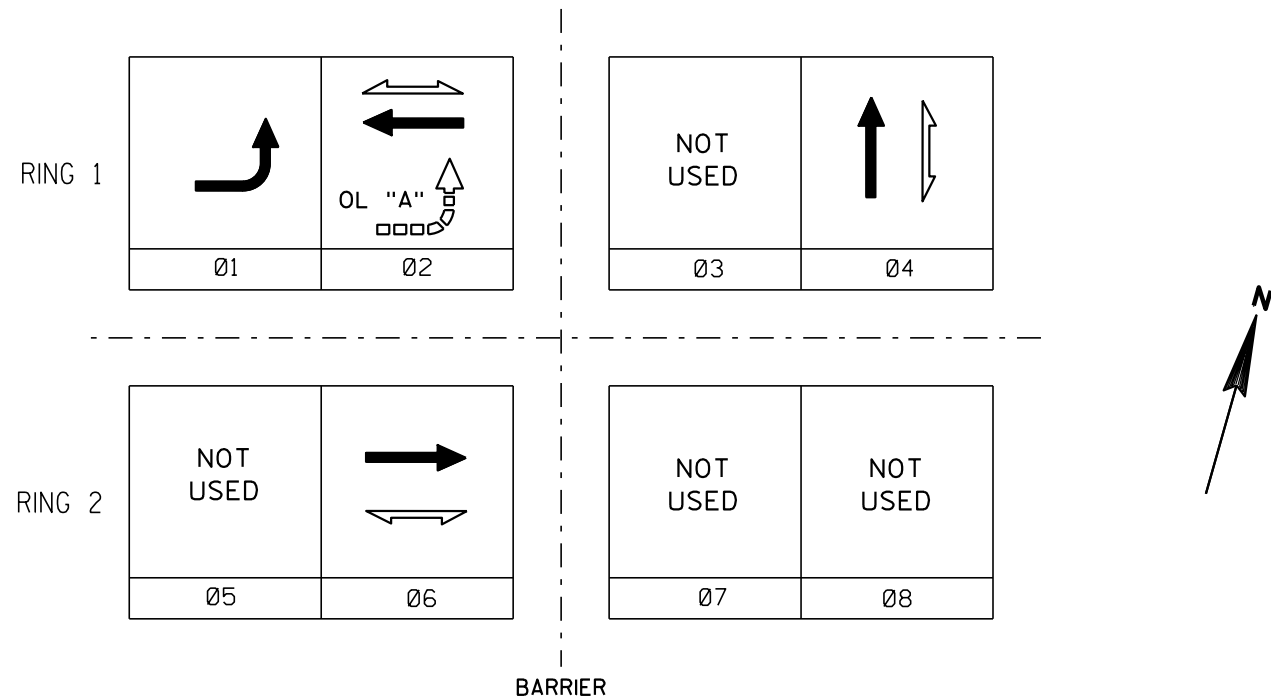
COUNTY: BROWN

CONSTRUCTION DETAIL - TRAFFIC SIGNAL REVISION

SHEET

E

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



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

TYPE OF INTERCONNECT/COMMUNICATION	
CELL MODEM	x
CLOSED LOOP	
TWISTED PAIR*	
FIBER OPTIC*	
FIBER OPTIC (ETHERNET)	
RADIO	

TYPE OF COORDINATION	
NONE	
TBC	x
TRAFFIC RESPONSIVE	
ADAPTIVE	
*LOCATION OF MASTER CONTROLLER NO:	S05-2002
SIGNAL SYSTEM #:	SS-0168

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
PLAN LOOP DETECTOR *(S)		11		21	41	42	61
ASSIGNED PHASE		1		2	4	4	6
OPERATION MODE		Veh		Veh	Veh	Veh	Veh
SWITCH TO PHASE							
EXTEND							
DELAY					Yes		
DETECTOR CHANNEL	4	2	8	6	12	10	16
PLAN LOOP DETECTOR *(S)						43	
ASSIGNED PHASE						4	
OPERATION MODE						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"		
OL "D"		

GENERAL NOTES:
1. PROVIDE FOR HAND CONTROL.

REVISION 1	
USH 41NB & CTH B VILLAGE OF SUAMICO BROWN COUNTY	
SIGNAL NO. 05-2002	
CABINET: TS2	CONTROLLER: EPAC
DATE: 11-4-2016	PAGE NO. 2 OF 2