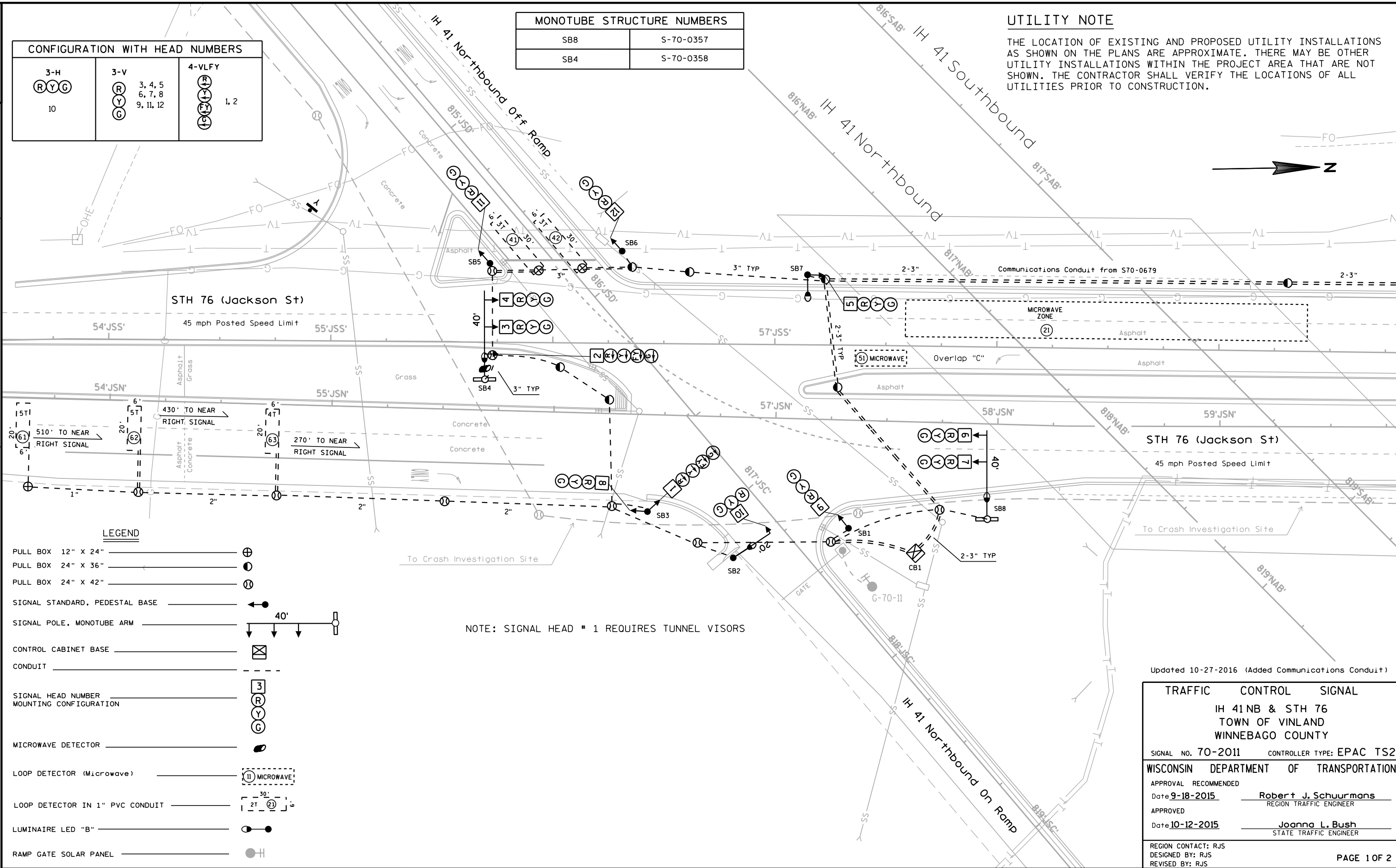


CONFIGURATION WITH HEAD NUMBERS		
3-H R Y G 10	3-V R Y G 3, 4, 5 6, 7, 8 9, 11, 12	4-VLFY R Y G 1, 2

MONOTUBE STRUCTURE NUMBERS	
SB8	S-70-0357
SB4	S-70-0358

UTILITY 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.



LEGEND

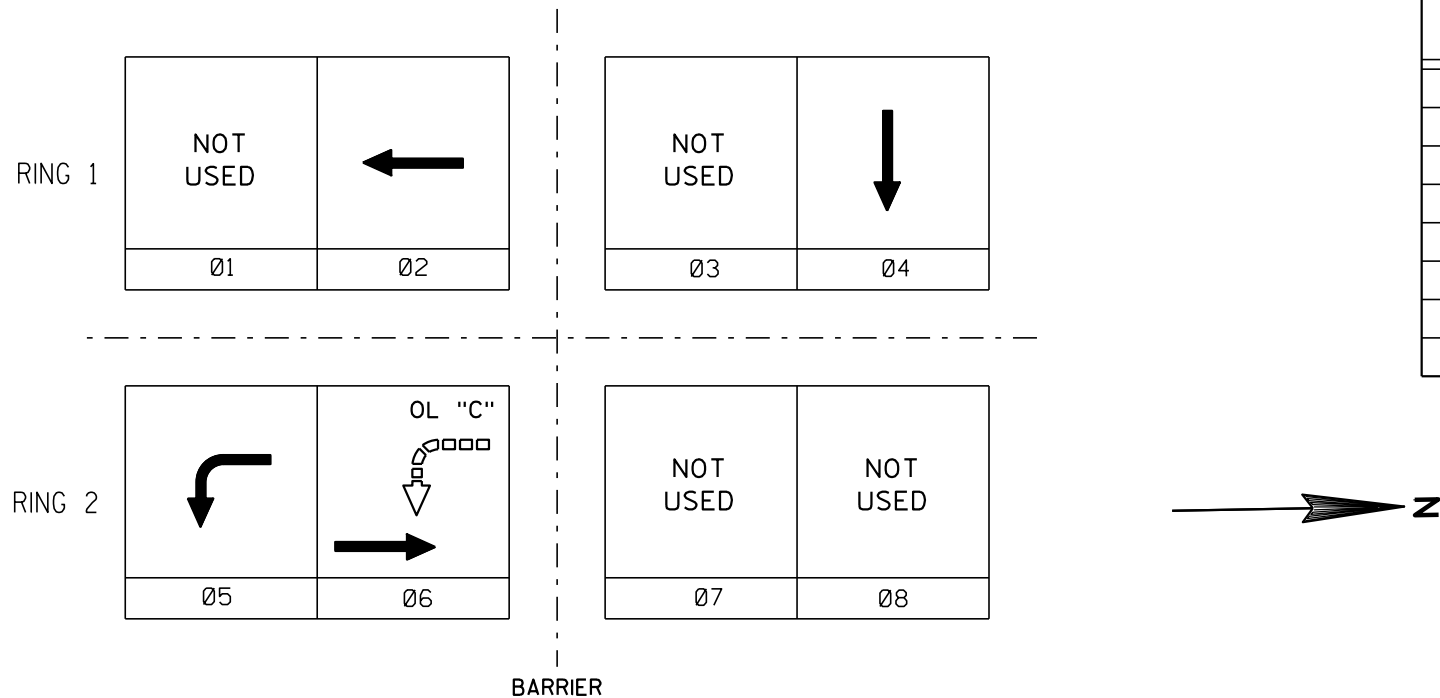
PULL BOX 12" X 24"	⊕
PULL BOX 24" X 36"	○
PULL BOX 24" X 42"	⊗
SIGNAL STANDARD, PEDESTAL BASE	←
SIGNAL POLE, MONOTUBE ARM	40' ↓
CONTROL CABINET BASE	⊠
CONDUIT	---
SIGNAL HEAD NUMBER MOUNTING CONFIGURATION	3 R Y G
MICROWAVE DETECTOR	⬢
LOOP DETECTOR (Microwave)	(11) MICROWAVE
LOOP DETECTOR IN 1" PVC CONDUIT	21 30' 23
LUMINAIRE LED "B"	●
RAMP GATE SOLAR PANEL	● H

NOTE: SIGNAL HEAD # 1 REQUIRES TUNNEL VISORS

Updated 10-27-2016 (Added Communications Conduit)

TRAFFIC CONTROL SIGNAL		
IH 41NB & STH 76 TOWN OF VINLAND WINNEBAGO COUNTY		
SIGNAL NO. 70-2011	CONTROLLER TYPE: EPAC TS2	
WISCONSIN DEPARTMENT OF TRANSPORTATION		
APPROVAL RECOMMENDED		
Date 9-18-2015	<u>Robert J. Schuurmans</u> REGION TRAFFIC ENGINEER	
APPROVED		
Date 10-12-2015	<u>Joanna L. Bush</u> STATE TRAFFIC ENGINEER	
REGION CONTACT: RJS DESIGNED BY: RJS REVISED BY: RJS		
PAGE 1 OF 2		

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



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

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:	S70-2011
SIGNAL SYSTEM #:	SS-0119

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)		21	41	61	62		
ASSIGNED PHASE		2	4	6	6		
OPERATION MODE		Veh	Veh	Veh	Veh		
SWITCH TO PHASE							
EXTEND					Yes		
DELAY							
DETECTOR CHANNEL	4	2	8	6	12	10	16
PLAN LOOP DETECTOR *(S)		51	42		63		
ASSIGNED PHASE		5	4		6		
OPERATION MODE		Veh	Veh		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"		
OL "B"		
OL "C"	5	6
OL "D"		

GENERAL NOTES:
1. PROVIDE FOR HAND CONTROL.

Updated 10-27-2016 (Added Communications Conduit)

IH 41NB & STH 76 TOWN OF VINLAND WINNEBAGO COUNTY	
SIGNAL NO. 70-2011	
CABINET: TS2	CONTROLLER: EPAC
DATE: 10-12-2015	PAGE NO. 2 OF 2