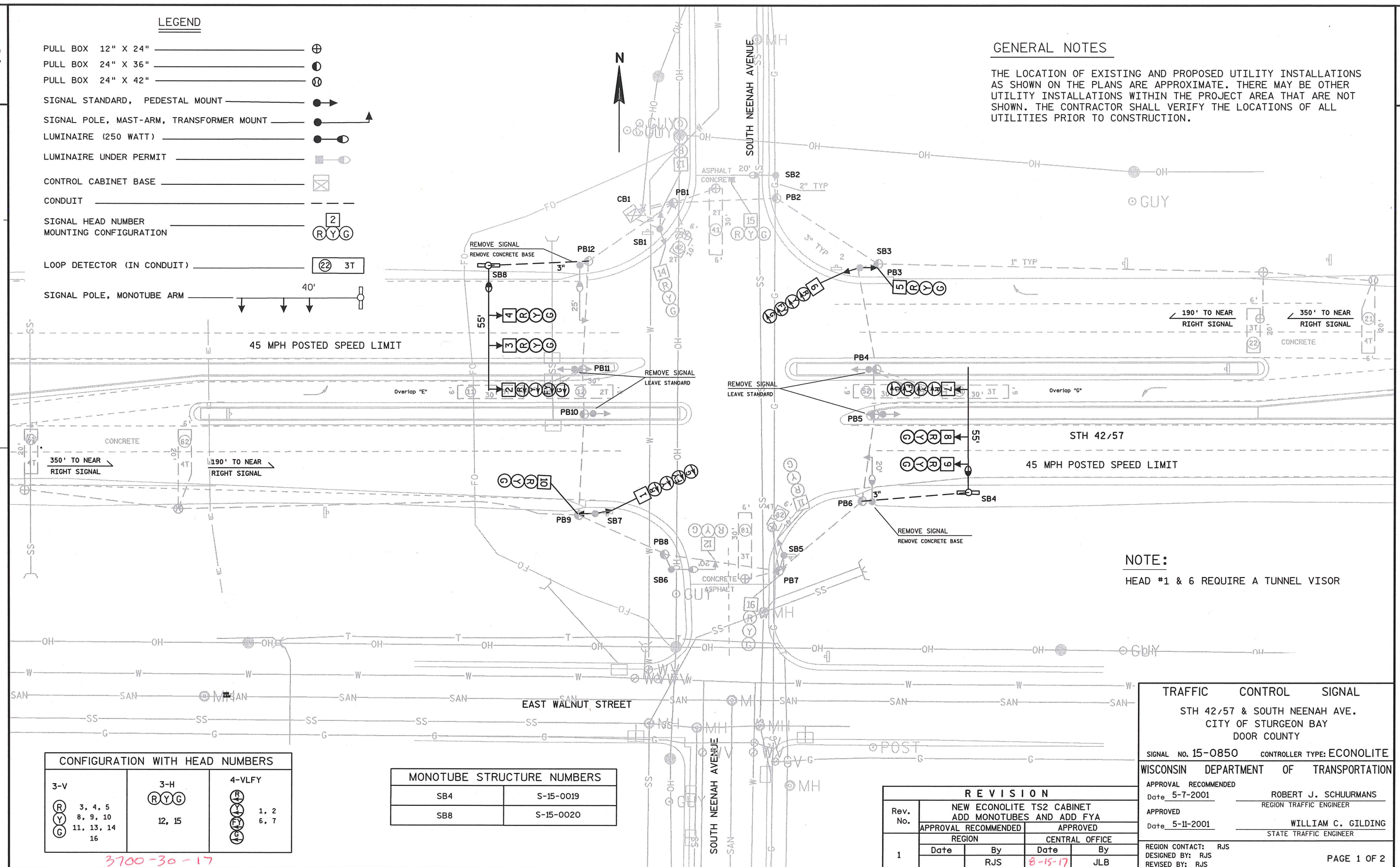


LEGEND

- PULL BOX 12" X 24"
- PULL BOX 24" X 36"
- PULL BOX 24" X 42"
- SIGNAL STANDARD, PEDESTAL MOUNT
- SIGNAL POLE, MAST-ARM, TRANSFORMER MOUNT
- LUMINAIRE (250 WATT)
- LUMINAIRE UNDER PERMIT
- CONTROL CABINET BASE
- CONDUIT
- SIGNAL HEAD NUMBER MOUNTING CONFIGURATION
- LOOP DETECTOR (IN CONDUIT)
- SIGNAL POLE, MONOTUBE ARM

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:
HEAD #1 & 6 REQUIRE A TUNNEL VISOR

CONFIGURATION WITH HEAD NUMBERS		
3-V 3, 4, 5 8, 9, 10 11, 13, 14 16	3-H 12, 15	4-VLFY 1, 2 6, 7

MONOTUBE STRUCTURE NUMBERS	
SB4	S-15-0019
SB8	S-15-0020

REVISION			
Rev. No.	NEW ECONOLITE TS2 CABINET ADD MONOTUBES AND ADD FYA		
	APPROVAL RECOMMENDED		APPROVED
1	REGION		CENTRAL OFFICE
	Date	By	Date By
		RJS	8-15-17 JLB

TRAFFIC CONTROL SIGNAL
STH 42/57 & SOUTH NEENAH AVE.
CITY OF STURGEON BAY
DOOR COUNTY

SIGNAL NO. 15-0850 CONTROLLER TYPE: ECONOLITE

WISCONSIN DEPARTMENT OF TRANSPORTATION

APPROVAL RECOMMENDED
Date 5-7-2001
APPROVED
Date 5-11-2001

ROBERT J. SCHUURMANS
REGION TRAFFIC ENGINEER

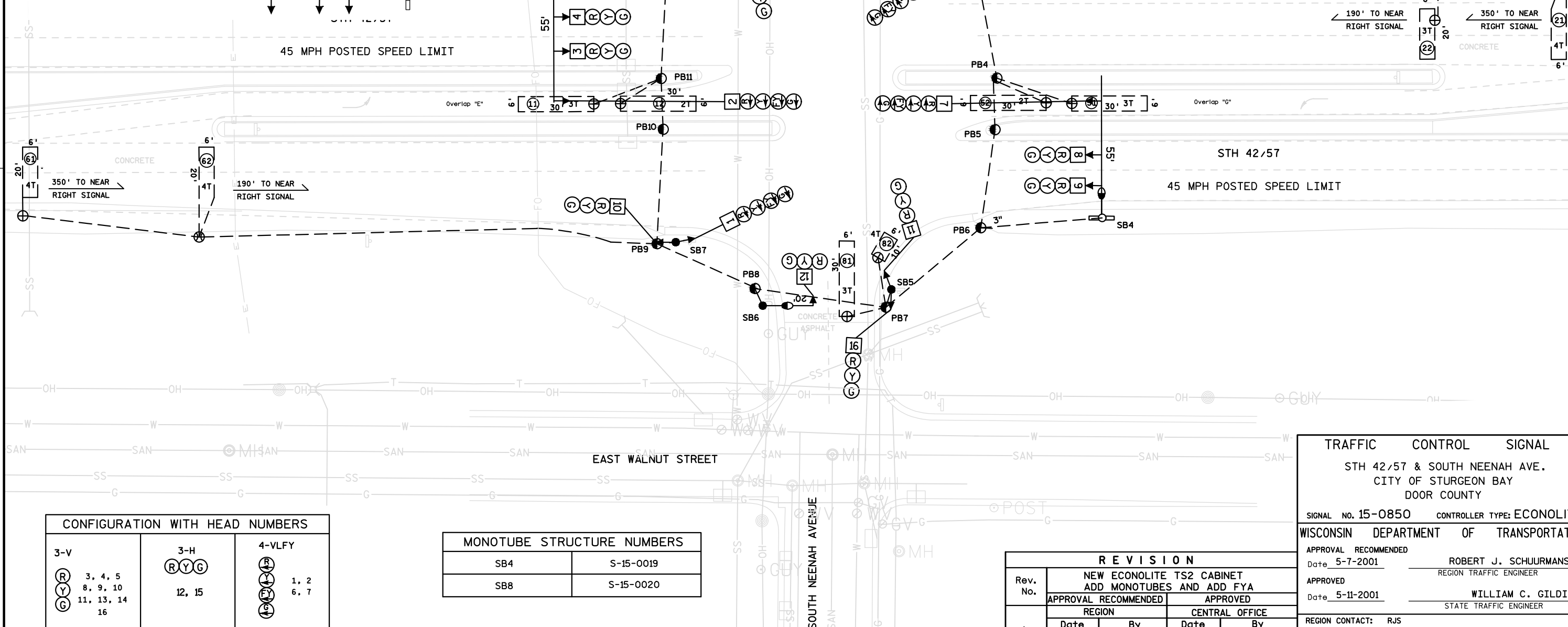
WILLIAM C. GILDING
STATE TRAFFIC ENGINEER

REGION CONTACT: RJS
DESIGNED BY: RJS
REVISED BY: RJS

PAGE 1 OF 2

NOTE:

HEAD #1 & 6 REQUIRE A TUNNEL VISOR
SB4 - Rock at 11', Drilled shaft to 13',
SB8 - Rock at 11.5', Drilled shaft to 13.5'



CONFIGURATION WITH HEAD NUMBERS		
3-V	3-H	4-VLFY

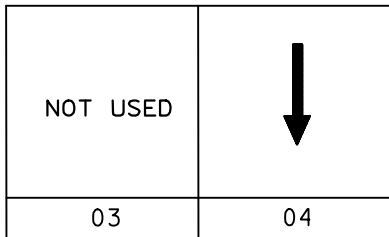
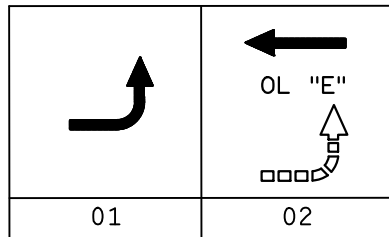
MONOTUBE STRUCTURE NUMBERS	
SB4	S-15-0019
SB8	S-15-0020

R E V I S I O N				
Rev. No.	NEW ECONOLITE TS2 CABINET ADD MONOTUBES AND ADD FYA			
	APPROVAL RECOMMENDED		APPROVED	
1	REGION		CENTRAL OFFICE	
	Date	By	Date	By
	7-15-17	RJS	7-15-17	JLB

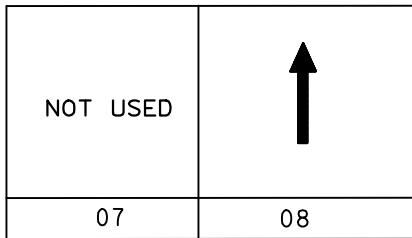
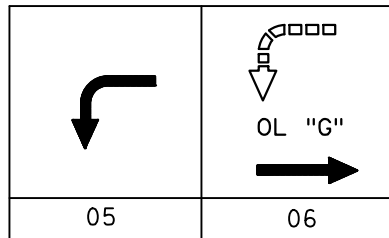
TRAFFIC		CONTROL		SIGNAL	
STH 42/57 & SOUTH NEENAH AVE. CITY OF STURGEON BAY DOOR COUNTY					
SIGNAL NO. 15-0850		CONTROLLER TYPE: ECONOLITE			
WISCONSIN DEPARTMENT OF TRANSPORTATION					
APPROVAL RECOMMENDED					
Date 5-7-2001		ROBERT J. SCHUURMANS REGION TRAFFIC ENGINEER			
APPROVED					
Date 5-11-2001		WILLIAM C. GILDING STATE TRAFFIC ENGINEER			
REGION CONTACT: RJS					
DESIGNED BY: RJS					
REVISED BY: RJS					
PAGE 1 OF 2					

	HEAD NUMBERS	FLASH
01	6, 7	R
02	3, 4, 5	R
03		
04	11, 12, 13	R
05	1, 2	R
06	8, 9, 10	R
07		
08	14, 15 ,16	R
02P		
04P		
06P		
08P		
OLE	6, 7	
OLF		
OLG	1, 2	
OLH		

RING 1



RING 2



BARRIER



CONTROLLER LOGIC

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

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: S00-0000	
SIGNAL SYSTEM *: SS00-0000	

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	

DETECTOR LOGIC

RACK # 1

DETECTOR CHANNEL	3	1	7	5	11	9	15	13
PLAN LOOP DETECTOR *(S)	11	21	41	51	61	81		
ASSIGNED PHASE	1	2	4	5	6	8		
OPERATION MODE	Veh	Veh	Veh	Veh	Veh	Veh		
SWITCH TO PHASE								
EXTEND		Yes			Yes			
DELAY			Yes			Yes		
DETECTOR CHANNEL	4	2	8	6	12	10	16	14
PLAN LOOP DETECTOR *(S)	12	22	42	52	62	82		
ASSIGNED PHASE	1	2	4	5	6	8		
OPERATION MODE	Veh	Veh	Veh	Veh	Veh	Veh		
SWITCH TO PHASE								
EXTEND								
DELAY			Yes			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 42/57 & SOUTH NEENAH AVE.
CITY OF STURGEON BAY
DOOR COUNTY

SIGNAL NO. 15-0850

Controller Type: ECONOLITE

Date: 8-15-17