

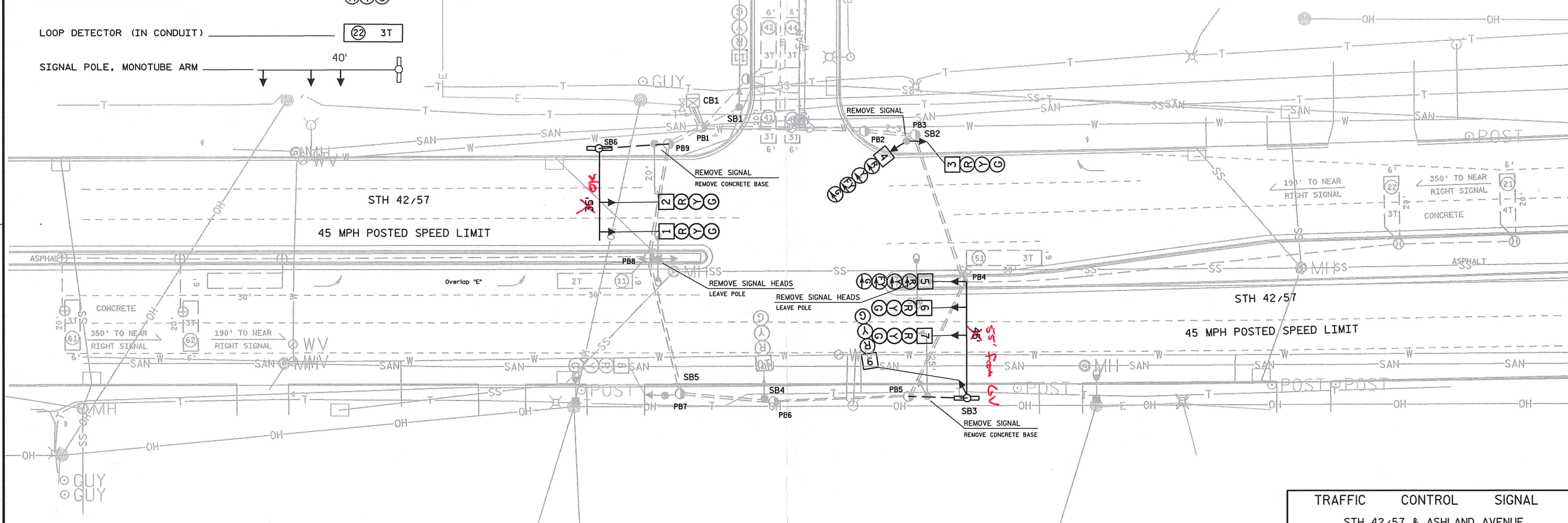
LEGEND

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	<div>2 R Y G</div>
LOOP DETECTOR (IN CONDUIT)	<div>22 3T</div>
SIGNAL POLE, MONOTUBE ARM	40' →

N

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.



CONFIGURATION WITH HEAD NUMBERS

3-V

Ⓡ
Y
G

1, 2, 3
6, 7, 8
9, 10, 11
15

4-VLFY

Ⓡ
Y
G

4, 5

MONOTUBE STRUCTURE NUMBERS

SB3	S-15-0015
SB6	S-15-0016

NOTE:

HEAD #4 REQUIRE A TUNNEL VISOR

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 & ASHLAND AVENUE
CITY OF STURGEON BAY
DOOR COUNTY

SIGNAL NO. 15-0831 CONTROLLER TYPE: ECONOLITE

WISCONSIN DEPARTMENT OF TRANSPORTATION

APPROVAL RECOMMENDED
Date 10-19-2000BRIAN S. BROCK
REGION TRAFFIC ENGINEERAPPROVED
Date 10-30-2000WILLIAM C. GILDING
STATE TRAFFIC ENGINEERREGION CONTACT: RJS
DESIGNED BY: RJS
REVISED BY: RJS

PAGE 1 OF 2

PROJECT NO: 0090-04-02

HWY: STH42/57

COUNTY: DOOR

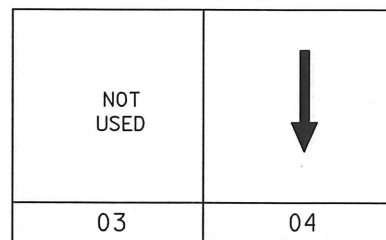
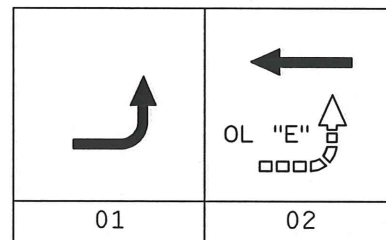
TRAFFIC CONTROL SIGNAL

SHEET NO: ----

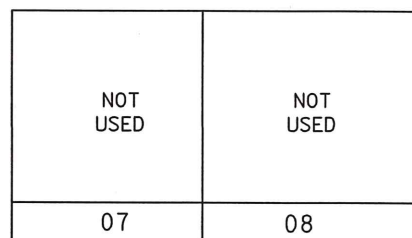
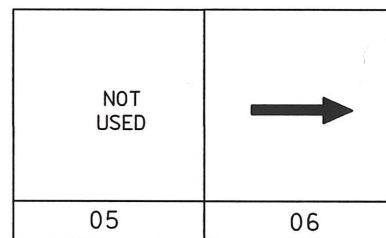
E

	HEAD NUMBERS	FLASH
01	4, 5	R
02	1, 2, 3	R
03		
04	9, 10, 11	R
05		
06	6, 7, 8	R
07		
08		
02P		
04P		
06P		
08P		
OLE	4, 5	
OLF		
OLG		
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				YES
5				
6			MIN	YES
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: 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	43	51	61		
ASSIGNED PHASE	1	2	4	4	5	6		
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)		22	42	44		62		
ASSIGNED PHASE		2	4	4		6		
OPERATION MODE		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 & ASHLAND AVE.
CITY OF STURGEON BAY
DOOR COUNTY

SIGNAL NO. 15-0831

Controller Type: ECONOLITE

Date: ----- 8-15-2017

PROJECT NO: 0090-04-02

HWY: STH42/57

COUNTY: DOOR

SEQUENCE OF OPERATIONS S15-0831

SHEET NO: 2 of 2