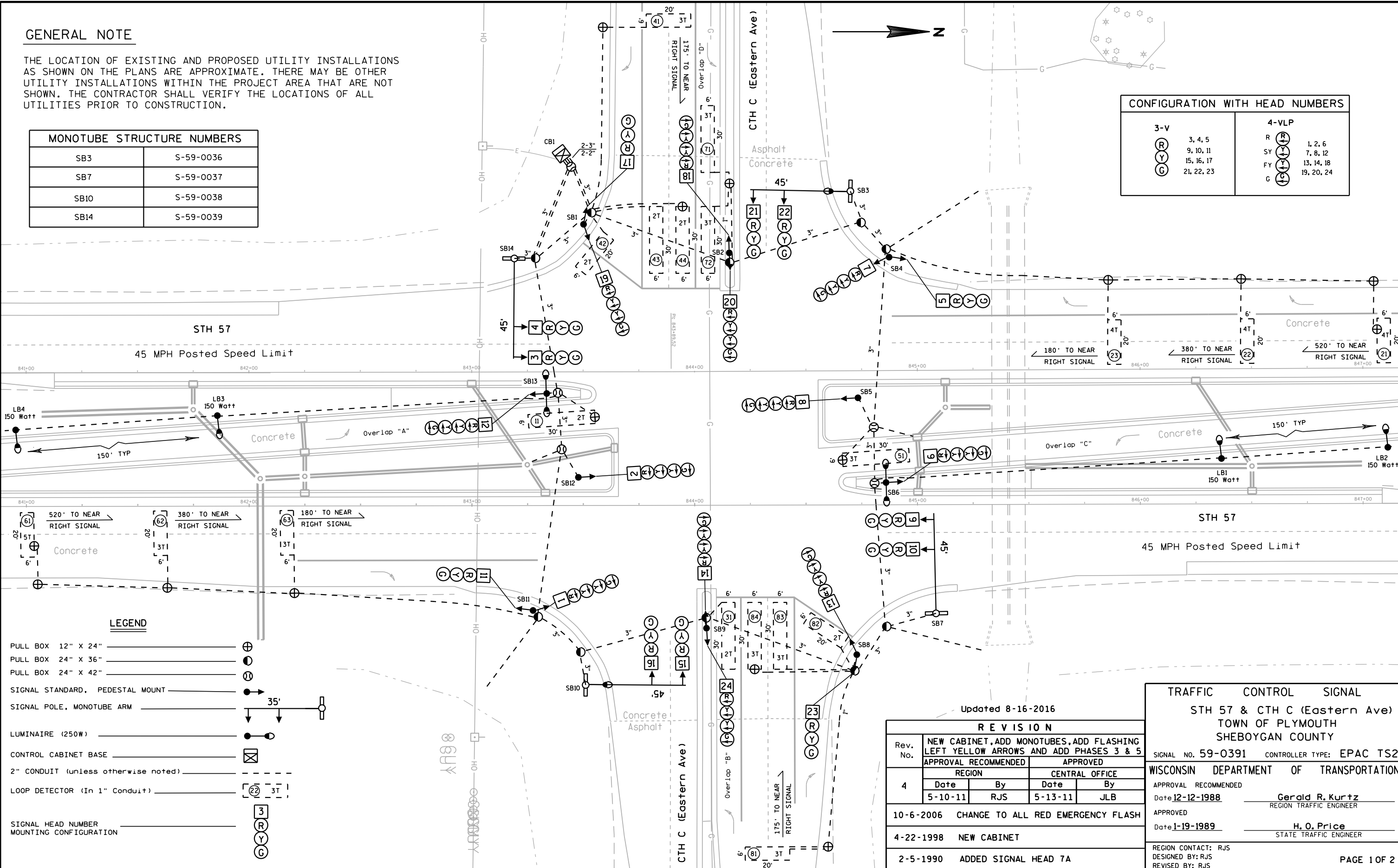


GENERAL NOTE

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.

MONOTUBE STRUCTURE NUMBERS	
SB3	S-59-0036
SB7	S-59-0037
SB10	S-59-0038
SB14	S-59-0039

CONFIGURATION WITH HEAD NUMBERS	
3-V	4-VLP
R	R
Y	SY
G	FY
	G
3, 4, 5	1, 2, 6
9, 10, 11	7, 8, 12
15, 16, 17	13, 14, 18
21, 22, 23	19, 20, 24



LEGEND

- PULL BOX 12" X 24"
- PULL BOX 24" X 36"
- PULL BOX 24" X 42"
- SIGNAL STANDARD, PEDESTAL MOUNT
- SIGNAL POLE, MONOTUBE ARM
- LUMINAIRE (250W)
- CONTROL CABINET BASE
- 2" CONDUIT (unless otherwise noted)
- LOOP DETECTOR (In 1" Conduit)
- SIGNAL HEAD NUMBER
- MOUNTING CONFIGURATION

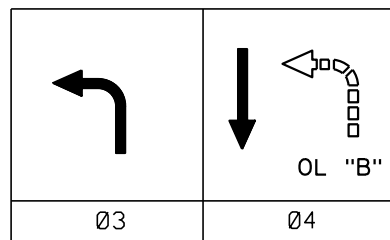
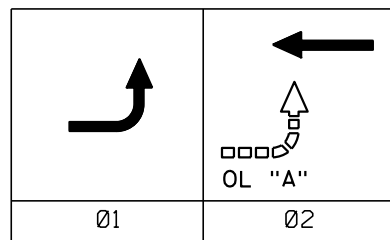
Updated 8-16-2016

REVISION			
Rev. No.	NEW CABINET, ADD MONOTUBES, ADD FLASHING LEFT YELLOW ARROWS AND ADD PHASES 3 & 5		
4	APPROVAL RECOMMENDED		APPROVED
	REGION		CENTRAL OFFICE
	Date	By	Date
	5-10-11	RJS	5-13-11 JLB
10-6-2006 CHANGE TO ALL RED EMERGENCY FLASH			
4-22-1998 NEW CABINET			
2-5-1990 ADDED SIGNAL HEAD 7A			

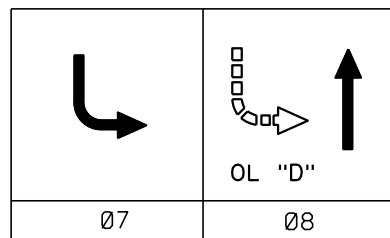
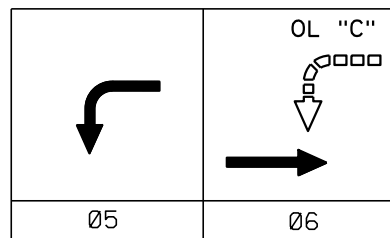
TRAFFIC CONTROL SIGNAL	
STH 57 & CTH C (Eastern Ave)	
TOWN OF PLYMOUTH	
SHEBOYGAN COUNTY	
SIGNAL NO. 59-0391	CONTROLLER TYPE: EPAC TS2
WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVAL RECOMMENDED	APPROVED
Date 12-12-1988	Date 1-19-1989
Gerald R. Kurtz	H. O. Price
REGION TRAFFIC ENGINEER	STATE TRAFFIC ENGINEER
REGION CONTACT: RJS	DESIGNED BY: RJS
REVISOR: RJS	

	HEAD NUMBERS	FLASH
Ø1	7, 8, 12	-
Ø2	3, 4, 5	R
Ø3	19, 20, 24	-
Ø4	15, 16, 17	R
Ø5	1, 2, 6	-
Ø6	9, 10, 11	R
Ø7	13, 14, 18	-
Ø8	21, 22, 23	R
Ø2P		
Ø4P		
Ø6P		
Ø8P		
OLA	7, 8, 12	R
OLB	19, 20, 24	R
OLC	1, 2, 6	R
OLD	13, 14, 18	R

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				YES
4		8		YES
5				YES
6			MIN	YES
7				YES
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	23	31	41	43		
ASSIGNED PHASE	1	2	2	3	4	4		
OPERATION MODE	Veh	Veh	Veh	Veh	Veh	Veh		
SWITCH TO PHASE								
EXTEND								
DELAY					Yes			
DETECTOR CHANNEL	4	2	8	6	12	10	16	14
PLAN LOOP DETECTOR *(S)		22			42	44		
ASSIGNED PHASE		2			4	4		
OPERATION MODE		Veh			Veh	Veh		
SWITCH TO PHASE								
EXTEND		Yes						
DELAY					Yes			

RACK # 2

DETECTOR CHANNEL	19	17	23	21	27	25	31	29
PLAN LOOP DETECTOR *(S)	51	61	63	71	81	83		
ASSIGNED PHASE	5	6	6	7	8	8		
OPERATION MODE	Veh	Veh	Veh	Veh	Veh	Veh		
SWITCH TO PHASE								
EXTEND								
DELAY					Yes			
DETECTOR CHANNEL	20	18	24	22	28	26	32	30
PLAN LOOP DETECTOR *(S)		62		72	82	84		
ASSIGNED PHASE		6		7	8	8		
OPERATION MODE		Veh		Veh	Veh	Veh		
SWITCH TO PHASE								
EXTEND		Yes						
DELAY					Yes			

OVERLAP SPECIAL

	Protected	Permissive
OL "A"	1	2
OL "B"	3	4
OL "C"	5	6
OL "D"	7	8

GENERAL NOTES:

1. PROVIDE FOR HAND CONTROL.
2. PROVIDE HEAVY DUTY CONTACTOR FOR STREET LIGHTING.

Updated 8-16-2016

STH 57 & CTH C (Eastern Ave)
TOWN OF PLYMOUTH
SHEBOYGAN COUNTY

SIGNAL NO. 59-0391

CABINET: TS2 CONTROLLER: EPAC

DATE: 5-13-2011

PAGE NO. 2 OF 2