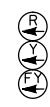

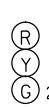





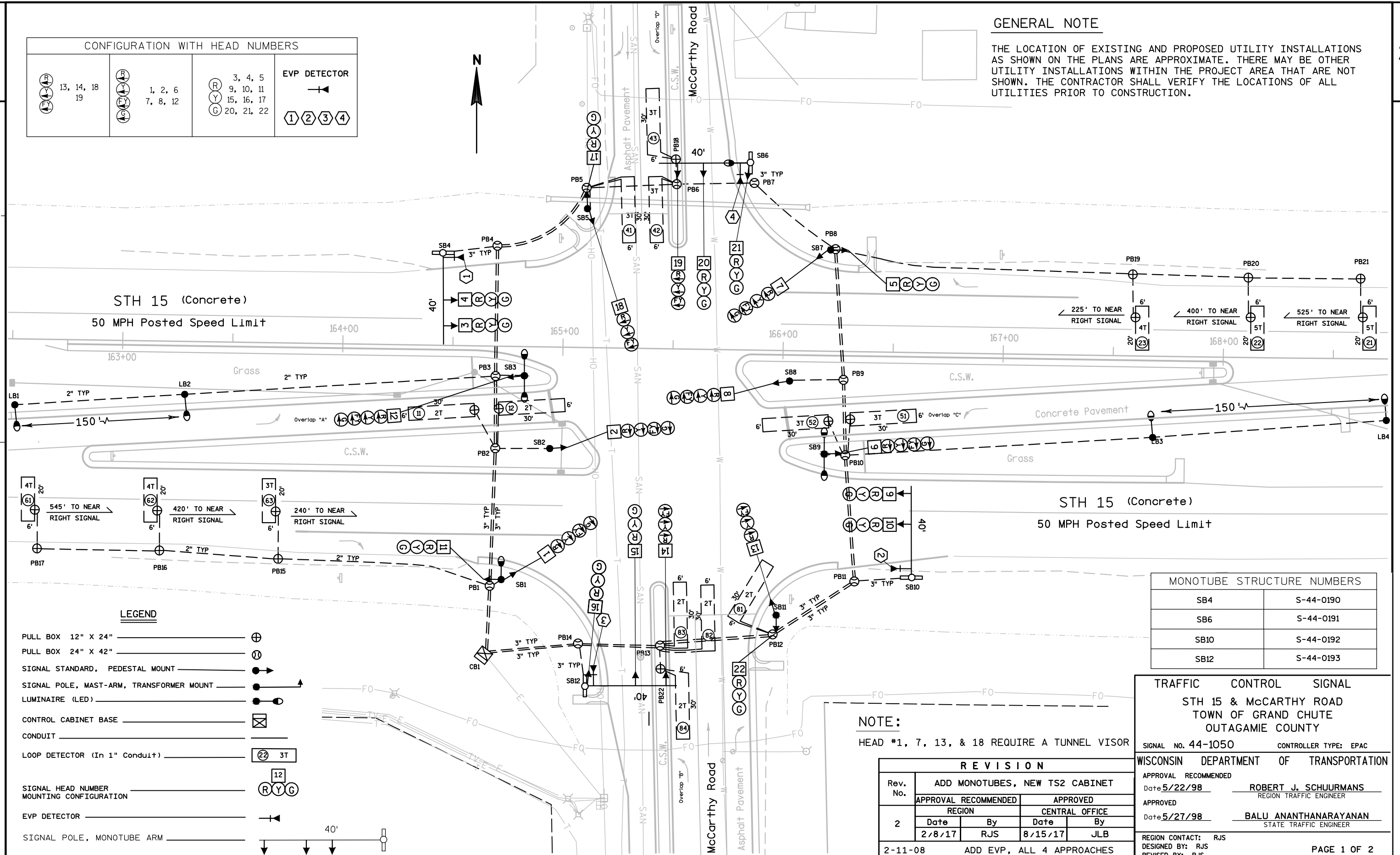


CONFIGURATION WITH HEAD NUMBERS













 13, 14, 18 19	 1, 2, 6 7, 8, 12	 3, 4, 5 9, 10, 11 15, 16, 17 20, 21, 22	EVP DETECTOR 
			

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.



LEGEND

PULL BOX 12" X 24"	
PULL BOX 24" X 42"	
SIGNAL STANDARD, PEDESTAL MOUNT	
SIGNAL POLE, MAST-ARM, TRANSFORMER MOUNT	
LUMINAIRE (LED)	
CONTROL CABINET BASE	
CONDUIT	
LOOP DETECTOR (In 1" Conduit)	
SIGNAL HEAD NUMBER	
MOUNTING CONFIGURATION	
EVP DETECTOR	
SIGNAL POLE, MONOTUBE ARM	

MONOTUBE STRUCTURE NUMBERS

SB4	S-44-0190
SB6	S-44-0191
SB10	S-44-0192
SB12	S-44-0193

TRAFFIC CONTROL SIGNAL

STH 15 & McCARTHY ROAD
TOWN OF GRAND CHUTE
OUTAGAMIE COUNTY

SIGNAL NO. 44-1050 CONTROLLER TYPE: EPAC

WISCONSIN DEPARTMENT OF TRANSPORTATION

APPROVAL RECOMMENDED

Date 5/22/98 ROBERT J. SCHUURMANS
REGIONAL TRAFFIC ENGINEER

APPROVED

Date 5/27/98 BALU ANANTHANARAYANAN
STATE TRAFFIC ENGINEER

REGION CONTACT: RJS

DESIGNED BY: RJS

REVISED BY: RJS

PAGE 1 OF 2

NOTE:

HEAD #1, 7, 13, & 18 REQUIRE A TUNNEL VISOR

REVISION

Rev. No.	ADD MONOTUBES, NEW TS2 CABINET
2	APPROVAL RECOMMENDED
	APPROVED
	REGION
	CENTRAL OFFICE
	Date By Date By
	2/8/17 RJS 8/15/17 JLB
2-11-08	ADD EVP, ALL 4 APPROACHES

PROJECT NO: 3700-30-17

HWY: STH 15

COUNTY: OUTAGAMIE

TRAFFIC CONTROL SIGNAL S44-1050

SHEET

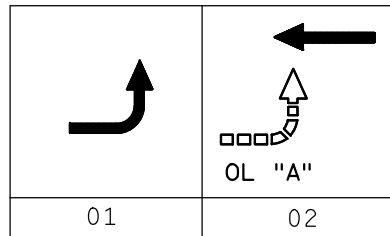
E

	HEAD NUMBERS	FLASH
01	7, 8, 12	-
02	3, 4, 5	R
03		
04	15, 16, 17	R
05	1, 2, 6	-
06	9, 10, 11	R
07		
08	20, 21, 22	R
02P		
04P		
06P		
08P		
OLA	7, 8, 12	R
OLB	18, 19	R
OLC	1, 2, 6	R
OLD	13, 14	R

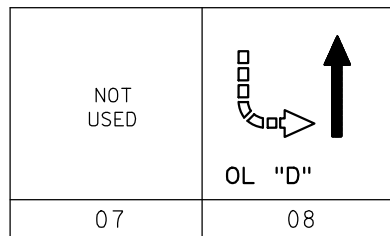
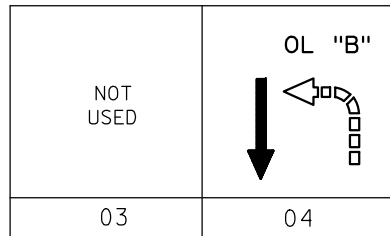
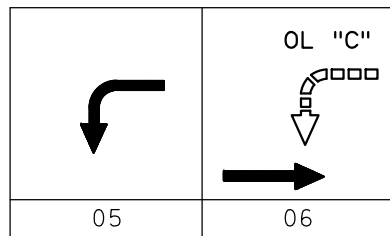
OVERLAP SPECIAL

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

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		W/8		YES
5				YES
6			MIN.	YES
7				
8		W/4		YES



TYPE OF INTERCONNECT/COMMUNICATION	
CELL MODEM	
CLOSED LOOP	
TWISTED PAIR*	
FIBER OPTIC*	X
FIBER OPTIC (ETHERNET)	
RADIO	
*LOCATION OF MASTER CONTROLLER NO:	S- ----
SIGNAL SYSTEM *:	SS0000

TYPE OF COORDINATION

NONE	
TBC	X
TRAFFIC RESPONSIVE	
ADAPTIVE	

TYPE OF PRE-EMPT

NONE	
RAILROAD	
EMERGENCY VEHICLE	
3M	X
TOMAR	
HARDWIRE	
OTHER	
LIFT BRIDGE	
QUEUE DETECTOR	

TYPE OF LIGHTING

BY OTHER AGENCY	
IN TRAFFIC SIGNAL CABINET	X
IN SEPARATE DOT LIGHTING CABINET	

DETECTOR LOGIC

RACK # 1

DETECTOR CHANNEL	3	1	7	5	11	9	15	13
PLAN LOOP DETECTOR *(S)	11	21	23		41	43		
ASSIGNED PHASE	1	2	2		4	4		
OPERATION MODE	Veh	Veh	Veh		Veh	Veh		
SWITCH TO PHASE								
EXTEND								
DELAY					YES	YES		
DETECTOR CHANNEL	4	2	8	6	12	10	16	14
PLAN LOOP DETECTOR *(S)	12	22			42			
ASSIGNED PHASE	1	2			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		81	83		
ASSIGNED PHASE	5	6	6		8	8		
OPERATION MODE	Veh	Veh	Veh		Veh	Veh		
SWITCH TO PHASE								
EXTEND								
DELAY					YES	YES		
DETECTOR CHANNEL	20	18	24	22	28	26	32	30
PLAN LOOP DETECTOR *(S)	52	62			82	84		
ASSIGNED PHASE	5	6			8	8		
OPERATION MODE	Veh	Veh			Veh	Veh		
SWITCH TO PHASE								
EXTEND		YES						
DELAY					YES	YES		

EMERGENCY VEHICLE PREEMPTION

EMERGENCY VEHICLE DETECTOR	①	②	③	④
MOVEMENT				
PHASE	2+5	I+6	4+8	4+8
3M CHANNEL	A	B	C	D

REVISION 2

STH 15 & McCARTHY ROAD
TOWN OF GRAND CHUTE
OUTAGAMIE COUNTY

SIGNAL NO. 44-1050

CABINET: EPAC

CONTROLLER: TS2

DATE: 2/8/17

PAGE NO. 2 OF 2

PROJECT NO: 3700-30-17

HWY: STH 15

COUNTY: OUTGAMIE

SEQUENCE OF OPERATIONS S44-1050

SHEET NO: -----