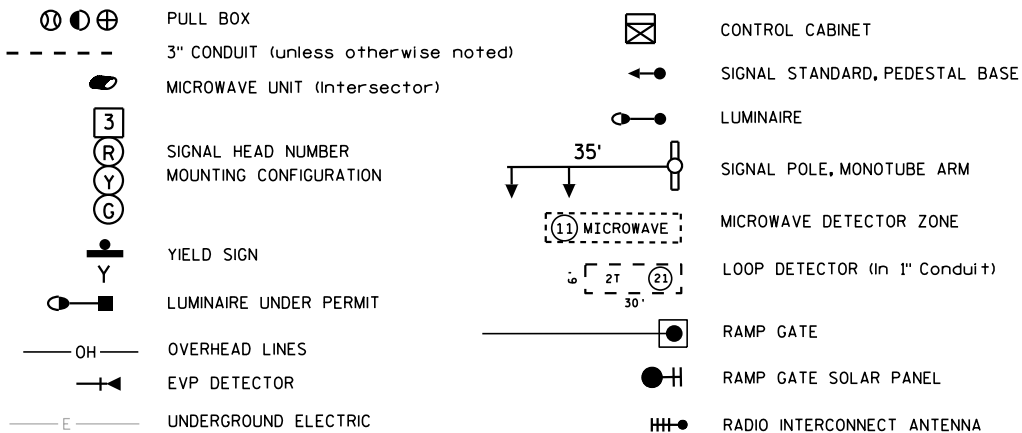
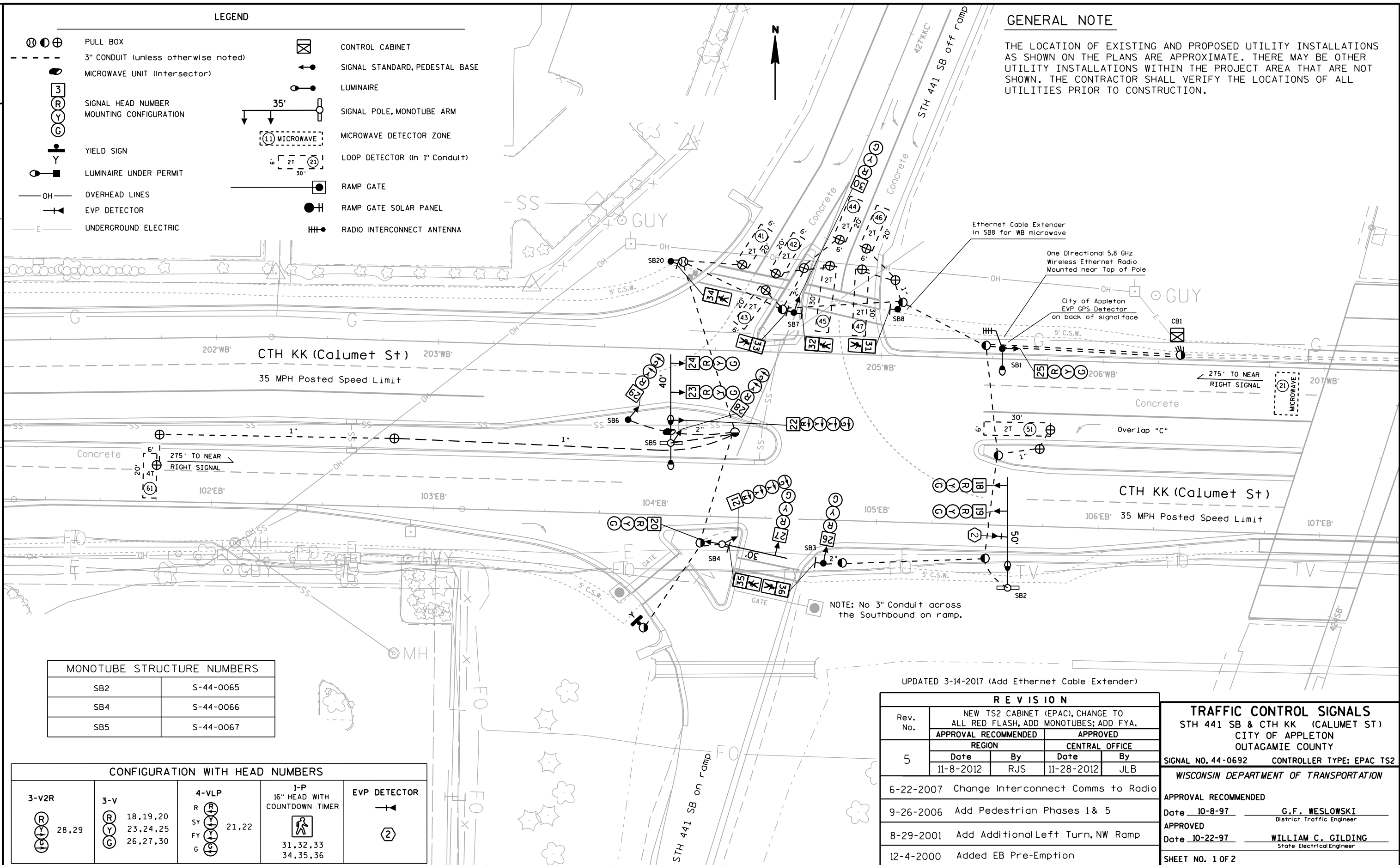


LEGEND



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	
SB2	S-44-0065
SB4	S-44-0066
SB5	S-44-0067

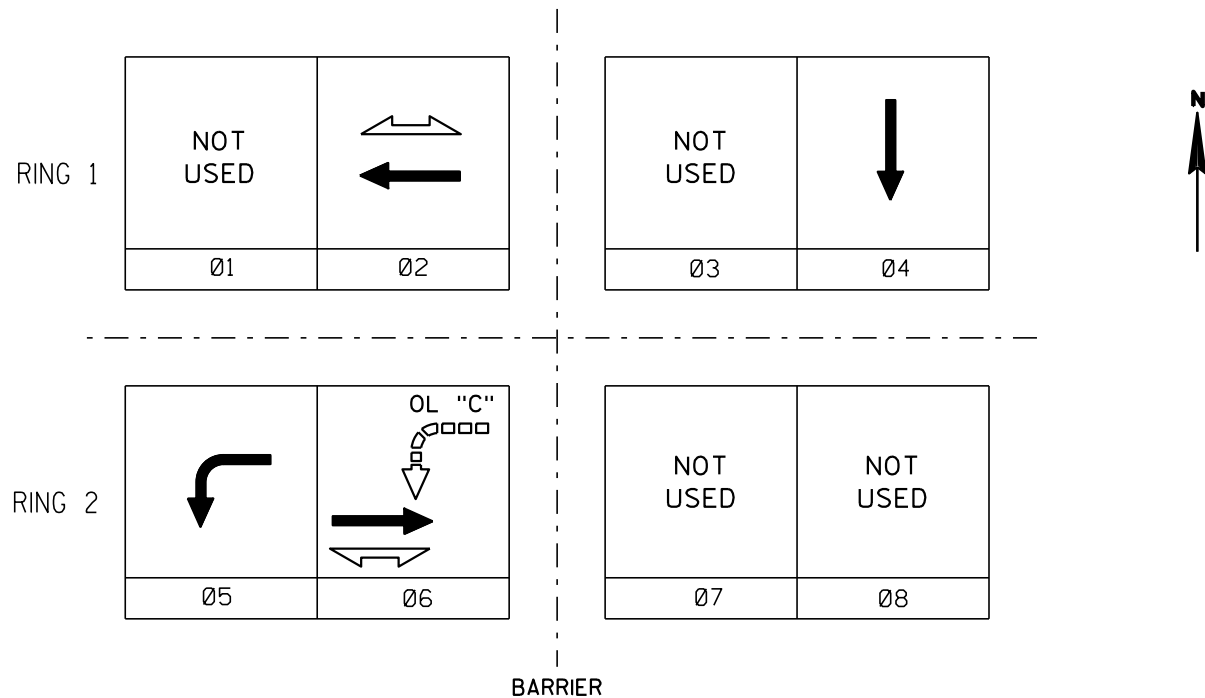
CONFIGURATION WITH HEAD NUMBERS				
3-V2R 28, 29	3-V 18, 19, 20 23, 24, 25 26, 27, 30	4-VLP R 21, 22 SY FY G	1-P 16" HEAD WITH COUNTDOWN TIMER 31, 32, 33 34, 35, 36	EVP DETECTOR 2

UPDATED 3-14-2017 (Add Ethernet Cable Extender)

REVISION			
Rev. No.	NEW TS2 CABINET (EPAC), CHANGE TO ALL RED FLASH, ADD MONOTUBES; ADD FYA.		
5	APPROVAL RECOMMENDED		APPROVED
	REGION	CENTRAL OFFICE	
Date		By	Date
11-8-2012		RJS	11-28-2012
6-22-2007 Change Interconnect Comms to Radio			
9-26-2006 Add Pedestrian Phases 1 & 5			
8-29-2001 Add Additional Left Turn, NW Ramp			
12-4-2000 Added EB Pre-Emption			

TRAFFIC CONTROL SIGNALS	
STH 441 SB & CTH KK (CALUMET ST)	
CITY OF APPLETON	
OUTAGAMIE COUNTY	
SIGNAL NO. 44-0692	CONTROLLER TYPE: EPAC TS2
WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVAL RECOMMENDED	
Date 10-8-97	G.F. WESLOWSKI District Traffic Engineer
APPROVED	
Date 10-22-97	WILLIAM C. GILDING State Electrical Engineer
SHEET NO. 1 OF 2	

	HEAD NUMBERS	FLASH
Ø1		
Ø2	23, 24, 25	R
Ø3		
Ø4	26, 27, 28, 29, 30	R
Ø5	21, 22	-
Ø6	18, 19, 20	R
Ø7		
Ø8		
Ø2P	31, 32, 33, 34	
Ø4P		
Ø6P	35, 36	
Ø8P		
OLA		
OLB		
OLC	21, 22	R
OLD		



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

TYPE OF INTERCONNECT/COMMUNICATION	
CELL MODEM	
CLOSED LOOP	
TWISTED PAIR*	
FIBER OPTIC*	
FIBER OPTIC (ETHERNET)	
RADIO	x

TYPE OF COORDINATION	
NONE	
TBC	x
TRAFFIC RESPONSIVE	
ADAPTIVE	
*LOCATION OF MASTER CONTROLLER NO:	S44-0692
SIGNAL SYSTEM #:	SS-0081

EMERGENCY VEHICLE DETECTOR	①	②	③	④
MOVEMENT	NOT USED	←→	↓	←→
PHASE		2+6	4	2+6
GTT CHANNEL - City		B	C	D
3M CHANNEL - DOT		A		

TYPE OF LIGHTING	
BY OTHER AGENCY	
IN TRAFFIC SIGNAL CABINET	x
IN SEPARATE DOT LIGHTING CABINET	

TYPE OF PRE-EMPT	
NONE	
RAILROAD	
EMERGENCY VEHICLE	
GTT	x
TOMAR	
HARDWIRE	
3M	x
LIFT BRIDGE	
QUEUE DETECTOR	

DETECTOR LOGIC

RACK # 1							
DETECTOR CHANNEL	3	1	7	5	11	9	15
PLAN LOOP DETECTOR *(S)		21	42	44	46	51	61
ASSIGNED PHASE		2	4	4	4	5	6
OPERATION MODE		Veh	Veh	Veh	Veh	Veh	Veh
SWITCH TO PHASE							
EXTEND							
DELAY			Yes				Yes
DETECTOR CHANNEL	4	2	8	6	12	10	16
PLAN LOOP DETECTOR *(S)			43	45	47		
ASSIGNED PHASE			4	4	4		
OPERATION MODE			Veh	Veh	Veh		
SWITCH TO PHASE							
EXTEND							
DELAY			Yes				

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 3-14-2017 (Add Ethernet Cable Extender)

STH 441 SB & CTH KK (Calumet St) CITY OF APPLETON OUTAGAMIE COUNTY	
SIGNAL NO. 44-0692	
CABINET: TS2	CONTROLLER: EPAC
DATE: 11-28-2012	PAGE NO. 2 OF 2