

GENERAL NOTE

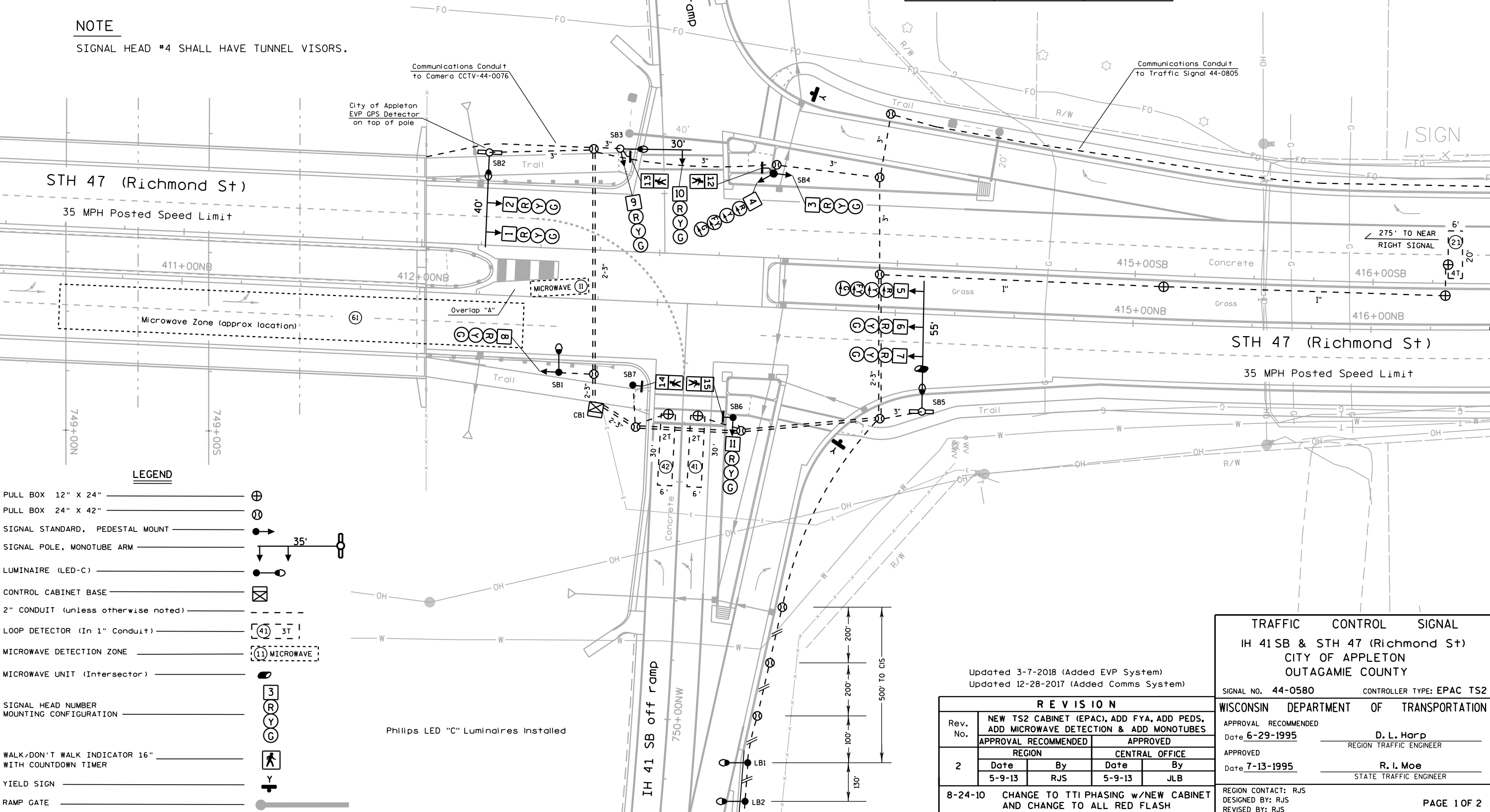
THE LOCATION OF EXISTING AND PROPOSED UTILITY INSTALLATIONS AS SHOWN ON THE PLANS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN. THE CONTRACTOR SHALL VERIFY THE LOCATIONS OF ALL UTILITIES PRIOR TO CONSTRUCTION.

NOTE

SIGNAL HEAD #4 SHALL HAVE TUNNEL VISORS.

CONFIGURATION WITH HEAD NUMBERS		
3-V	4-VLFY	I-P
R Y G	R Y G 4, 5	P 12, 13 14, 15

MONOTUBE STRUCTURE NUMBERS	
SB2	S-44-106
SB3	S-44-107
SB5	S-44-108



LEGEND

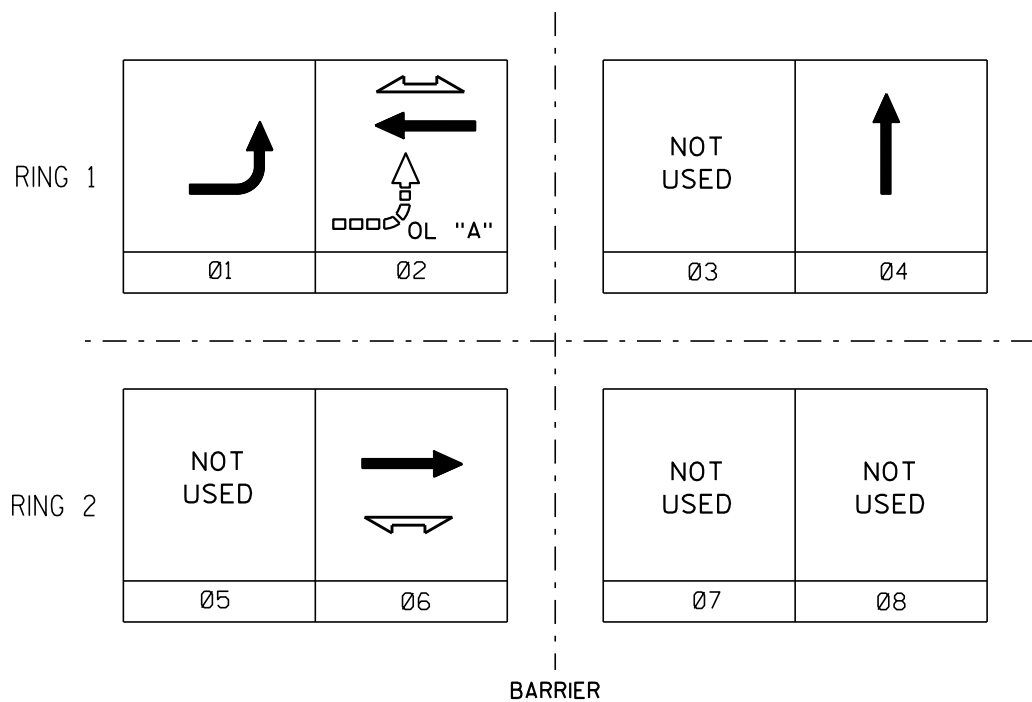
- PULL BOX 12" X 24"
- PULL BOX 24" X 42"
- SIGNAL STANDARD, PEDESTAL MOUNT
- SIGNAL POLE, MONOTUBE ARM
- LUMINAIRE (LED-C)
- CONTROL CABINET BASE
- 2" CONDUIT (unless otherwise noted)
- LOOP DETECTOR (In 1" Conduit)
- MICROWAVE DETECTION ZONE
- MICROWAVE UNIT (Intersector)
- SIGNAL HEAD NUMBER MOUNTING CONFIGURATION
- WALK/DON'T WALK INDICATOR 16" WITH COUNTDOWN TIMER
- YIELD SIGN
- RAMP GATE

Updated 3-7-2018 (Added EVP System)
Updated 12-28-2017 (Added Comms System)

R E V I S I O N			
Rev. No.	NEW TS2 CABINET (EPAC), ADD FYA, ADD PEDS, ADD MICROWAVE DETECTION & ADD MONOTUBES		
2	APPROVAL RECOMMENDED		APPROVED
	REGION		CENTRAL OFFICE
	Date	By	Date By
8-24-10	5-9-13	RJS	5-9-13 JLB
CHANGE TO TTI PHASING w/NEW CABINET AND CHANGE TO ALL RED FLASH			

TRAFFIC CONTROL SIGNAL	
IH 41 SB & STH 47 (Richmond St)	
CITY OF APPLETON	
OUTAGAMIE COUNTY	
SIGNAL NO. 44-0580	CONTROLLER TYPE: EPAC TS2
WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVAL RECOMMENDED	D. L. Harp REGION TRAFFIC ENGINEER
Date 6-29-1995	
APPROVED	R. I. Moe STATE TRAFFIC ENGINEER
Date 7-13-1995	
REGION CONTACT: RJS	
DESIGNED BY: RJS	
REVISED BY: RJS	

	HEAD NUMBERS	FLASH
Ø1	4, 5	-
Ø2	1, 2, 3	R
Ø3		
Ø4	9, 10, 11	R
Ø5		
Ø6	6, 7, 8	R
Ø7		
Ø8		
Ø2P	12, 13	
Ø4P		
Ø6P	14, 15	
Ø8P		
OLA	4, 5	R ←
OLB		
OLC		
OLD		



CONTROLLER LOGIC

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

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

TYPE OF COORDINATION	
NONE	
TBC	
TRAFFIC RESPONSIVE	
ADAPTIVE	
*LOCATION OF MASTER CONTROLLER NO:	S-580
SIGNAL SYSTEM #:	SS0153

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	
LIFT BRIDGE	
QUEUE DETECTOR	

EMERGENCY VEHICLE PREEMPTION
maintained by the City of Appleton

EMERGENCY VEHICLE DETECTOR	①	③	④
MOVEMENT			
PHASE	1+6	2+6	4
GTT CHANNEL	A	C	D

DETECTOR LOGIC

RACK # 1

DETECTOR CHANNEL	3	1	7	5	11	9	15	13
PLAN LOOP DETECTOR *(S)	11	61	21		41			
ASSIGNED PHASE	1	6	2		4			
OPERATION MODE	Veh	Veh	Veh		Veh			
SWITCH TO PHASE								
EXTEND								
DELAY								
DETECTOR CHANNEL	4	2	8	6	12	10	16	14
PLAN LOOP DETECTOR *(S)					42			
ASSIGNED PHASE					4			
OPERATION MODE					Veh			
SWITCH TO PHASE								
EXTEND								
DELAY								

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								

OVERLAP SPECIAL

	Protected	Permissive
OL "A"	1	2
OL "B"		
OL "C"		
OL "D"		

GENERAL NOTES:

1. PROVIDE FOR HAND CONTROL.

Updated 3-7-2018 (Added EVP System)
Updated 12-28-2017 (Added Comms System)

IH 41 SB & STH 47 (Richmond St)
CITY OF APPLETON
OUTAGAMIE COUNTY

SIGNAL NO. 44-0580

CABINET: TS2 CONTROLLER: EPAC

DATE: 5-9-2013 PAGE NO. 2 OF 2