

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 36"	
SIGNAL STANDARD, PEDESTAL MOUNT	
SIGNAL POLE, MAST-ARM, TRANSFORMER MOUNT	
CONTROL CABINET BASE	
CONDUIT	
LOOP DETECTOR (In 1" Conduit)	
SIGNAL HEAD NUMBER MOUNTING CONFIGURATION	
LUMINAIRE	
OVERHEAD LINES	
UNDERGROUND ELECTRIC	
YIELD SIGN	
RAMP GATE	
RAMP GATE SOLAR PANEL	

PROJECT NO: 0083-03-01

HWY: IH 41

COUNTY: OUTAGAMIE

TRAFFIC CONTROL SIGNAL S44-0621

SHEET

E

FILE NAME : F:\d3-traffic\I-621, sb, up. dgn

PLOT DATE : 17-APR-2018 13:35

PLOT BY : dotc5s

PLOT NAME : S-621, sb, up

PLOT SCALE : 40:1

WISDOT/CADDS SHEET 42

CONFIGURATION WITH HEAD NUMBERS

3-H
R Y G
2, 6, 10

3-V
R
Y
G
1, 3, 4, 7
9, 11, 12

5-VL
R
Y
G
L
G
5, 8

N

Changed luminaires to LED B

Updated 4-17-2018 (Updated Loop Detectors)
Updated 11-29-2016 (Added Comms System)

TRAFFIC CONTROL SIGNAL

IH 41 SB & CTH BB (Prospect)
TOWN OF GRAND CHUTE
OUTAGAMIE COUNTY

SIGNAL NO. 44-0621 CONTROLLER TYPE: EPAC

WISCONSIN DEPARTMENT OF TRANSPORTATION

APPROVAL RECOMMENDED

Date 9-15-95

Gerald R. Kurtz
REGIONAL TRAFFIC ENGINEER

APPROVED

Date 9-27-95

Mark P. Morrison
STATE TRAFFIC ENGINEER

REGION CONTACT: RJS

DESIGNED BY: RJS

REVISED BY: RJS

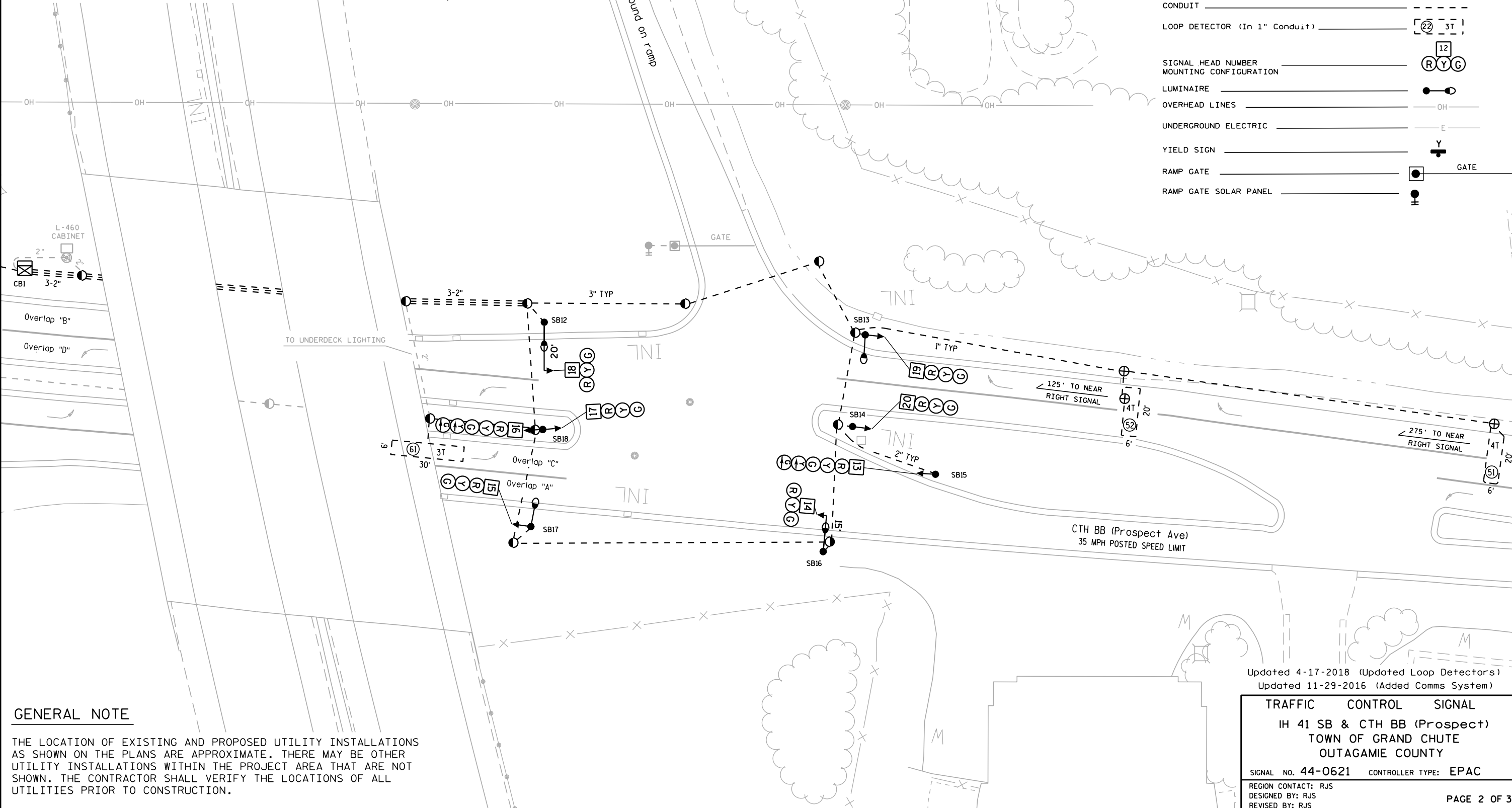
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CONFIGURATION WITH HEAD NUMBERS		
3-H R Y G 14, 18	3-V R Y G 15, 17 19, 20	5-VL R Y G 13, 16



LEGEND

- PULL BOX 12" X 24"
- PULL BOX 24" X 36"
- SIGNAL STANDARD, PEDESTAL MOUNT
- SIGNAL POLE, MAST-ARM, TRANSFORMER MOUNT
- CONTROL CABINET BASE
- CONDUIT
- LOOP DETECTOR (In 1" Conduit)
- SIGNAL HEAD NUMBER MOUNTING CONFIGURATION
- LUMINAIRE
- OVERHEAD LINES
- UNDERGROUND ELECTRIC
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- RAMP GATE
- RAMP GATE SOLAR PANEL



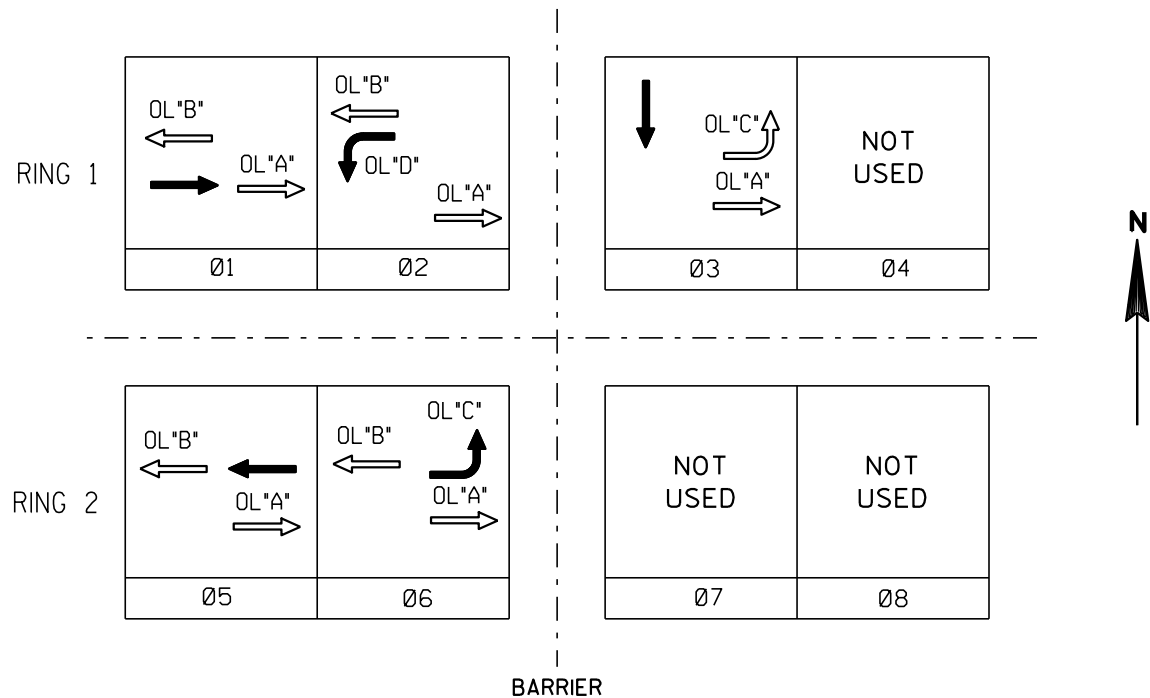
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Updated 4-17-2018 (Updated Loop Detectors)
Updated 11-29-2016 (Added Comms System)

TRAFFIC CONTROL SIGNAL	
IH 41 SB & CTH BB (Prospect)	
TOWN OF GRAND CHUTE	
OUTAGAMIE COUNTY	
SIGNAL NO. 44-0621	CONTROLLER TYPE: EPAC
REGION CONTACT: RJS	
DESIGNED BY: RJS	
REVISED BY: RJS	

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



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

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

TYPE OF COORDINATION	
NONE	
TBC	x
TRAFFIC RESPONSIVE	
ADAPTIVE	
*LOCATION OF MASTER CONTROLLER NO:	S44-xxxx
SIGNAL SYSTEM #:	SS-44-xxxx

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

OVERLAPS	
O.L. "A" =	1, 2, 3, 5, 6
O.L. "B" =	1, 2, 5, 6
O.L. "C" =	3, 6
O.L. "D" =	2

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
PLAN LOOP DETECTOR *(S)	11	21	31	51	61		
ASSIGNED PHASE	1	2	3	5	6		
OPERATION MODE	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)			32	52			
ASSIGNED PHASE			3	5			
OPERATION MODE			Veh	Veh			
SWITCH TO PHASE							
EXTEND							
DELAY							

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							

GENERAL NOTES:

1. PROVIDE FOR HAND CONTROL.

Updated 4-17-2018 (Updated Loop Detectors)
Updated 11-29-2016 (Added Comms System)

IH 41 SB & CTH BB (Prospect) TOWN OF GRAND CHUTE OUTAGAMIE COUNTY	
SIGNAL NO. 44-0621	
CABINET: TS2	CONTROLLER: EPAC
DATE: 9-27-1995	PAGE NO. 3 OF 3