

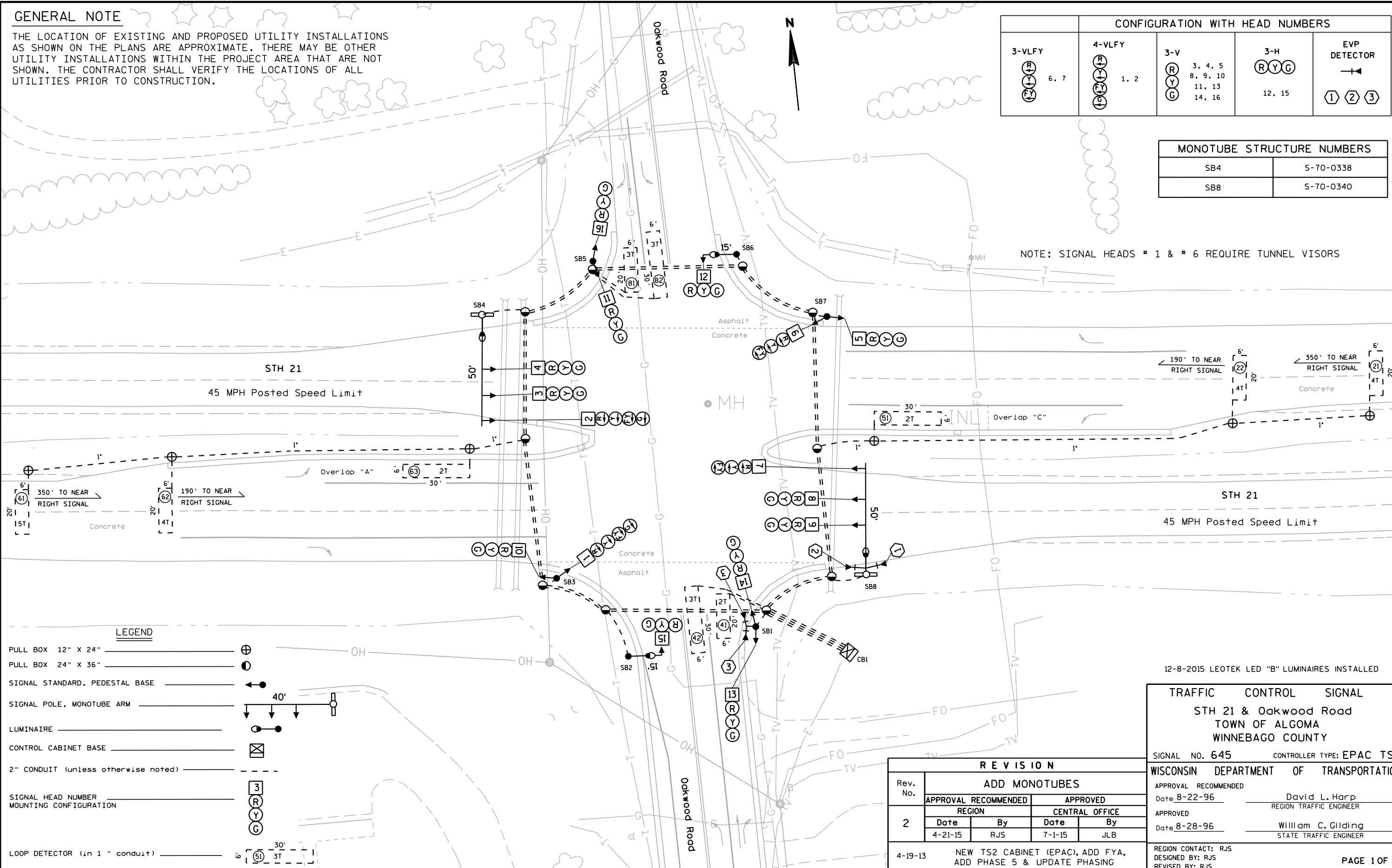
GENERAL NOTE

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.

CONFIGURATION WITH HEAD NUMBERS				
3-VLFY R Y G 6, 7	4-VLFY R Y G 1, 2	3-V R Y G 3, 4, 5 8, 9, 10 11, 13 14, 16	3-H R Y G 12, 15	EVP DETECTOR 1 2 3

MONOTUBE STRUCTURE NUMBERS	
SB4	S-70-0338
SB8	S-70-0340

NOTE: SIGNAL HEADS # 1 & # 6 REQUIRE TUNNEL VISORS



LEGEND

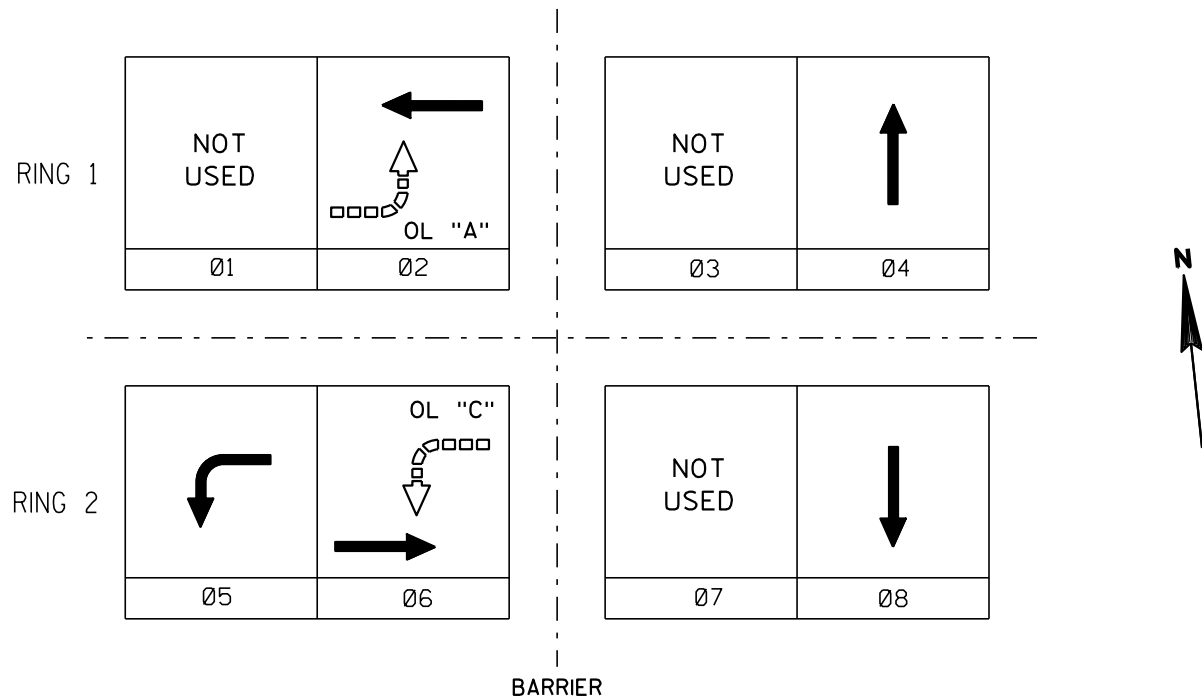
- PULL BOX 12" X 24"
- PULL BOX 24" X 36"
- SIGNAL STANDARD, PEDESTAL BASE
- SIGNAL POLE, MONOTUBE ARM
- LUMINAIRE
- CONTROL CABINET BASE
- 2" CONDUIT (unless otherwise noted)
- SIGNAL HEAD NUMBER MOUNTING CONFIGURATION
- LOOP DETECTOR (in 1" conduit)

12-8-2015 LEOTEK LED "B" LUMINAIRES INSTALLED

TRAFFIC CONTROL SIGNAL	
STH 21 & Oakwood Road TOWN OF ALGOMA WINNEBAGO COUNTY	
SIGNAL NO. 645	CONTROLLER TYPE: EPAC TS2
WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVAL RECOMMENDED Date 8-22-96	David L. Harp REGION TRAFFIC ENGINEER
APPROVED Date 8-28-96	William C. Gilding STATE TRAFFIC ENGINEER

R E V I S I O N			
ADD MONOTUBES			
Rev. No.	APPROVAL RECOMMENDED		APPROVED
	REGION	CENTRAL OFFICE	
2	Date	By	Date By
	4-21-15	RJS	7-1-15 JLB
4-19-13 NEW TS2 CABINET (EPAC), ADD FYA, ADD PHASE 5 & UPDATE PHASING			

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



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

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

TYPE OF COORDINATION	
NONE	
TBC	x
TRAFFIC RESPONSIVE	
ADAPTIVE	
*LOCATION OF MASTER CONTROLLER NO:	S-000
SIGNAL SYSTEM #:	SS-0000

EMERGENCY VEHICLE PREEMPTION			
EMERGENCY VEHICLE DETECTOR	①	②	③
MOVEMENT			
PHASE	2+5	2+6	4+8
TOMAR CHANNEL	1	2	3

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	
TOMAR	x
HARDWIRE	
3M	
LIFT BRIDGE	
QUEUE DETECTOR	

DETECTOR LOGIC

RACK # 1							
DETECTOR CHANNEL	3	1	7	5	11	9	15
PLAN LOOP DETECTOR *(S)	21	41	51	61	63	81	
ASSIGNED PHASE	2	4	5	6	6	8	
OPERATION MODE	Veh	Veh	Veh	Veh	Veh	Veh	
SWITCH TO PHASE							
EXTEND	Yes			Yes			
DELAY		Yes			Yes		
DETECTOR CHANNEL	4	2	8	6	12	10	16
PLAN LOOP DETECTOR *(S)	22	42		62		82	
ASSIGNED PHASE	2	4		6		8	
OPERATION MODE	Veh	Veh		Veh		Veh	
SWITCH TO PHASE							
EXTEND							
DELAY		Yes			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"	1	2
OL "B"		
OL "C"	5	6
OL "D"		

GENERAL NOTES:
1. PROVIDE FOR HAND CONTROL.

Revision 2	
STH 21 & Oakwood Road TOWN OF ALGOMA WINNEBAGO COUNTY	
SIGNAL NO.	645
CABINET: TS2	CONTROLLER: EPAC
DATE: 7-1-2015	PAGE NO. 2 OF 2