

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

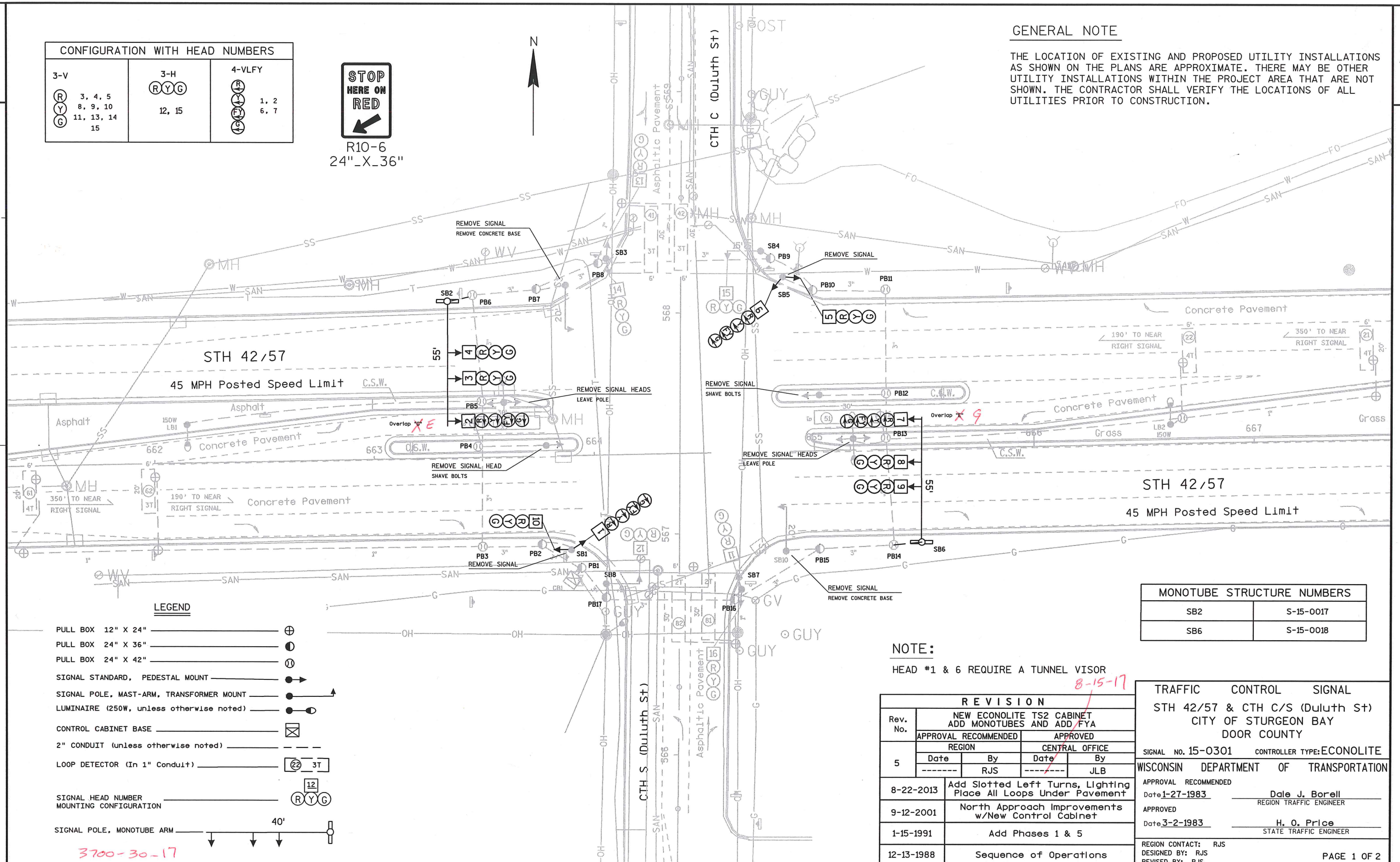


R10-6
24" X 36"



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"	●
PULL BOX 24" X 42"	⊙
SIGNAL STANDARD, PEDESTAL MOUNT	→
SIGNAL POLE, MAST-ARM, TRANSFORMER MOUNT	↑
LUMINAIRE (250W, unless otherwise noted)	●
CONTROL CABINET BASE	⊠
2" CONDUIT (unless otherwise noted)	---
LOOP DETECTOR (In 1" Conduit)	22 3T
SIGNAL HEAD NUMBER MOUNTING CONFIGURATION	(R) Y (G)
SIGNAL POLE, MONOTUBE ARM	40'

MONOTUBE STRUCTURE NUMBERS

SB2	S-15-0017
SB6	S-15-0018

NOTE:

HEAD #1 & 6 REQUIRE A TUNNEL VISOR

REVISION			
Rev. No.	APPROVAL	RECOMMENDED	APPROVED
5	Date	By	Date
		RJS	JLB
8-22-2013	Add Slotted Left Turns, Lighting Place All Loops Under Pavement		
9-12-2001	North Approach Improvements w/New Control Cabinet		
1-15-1991	Add Phases 1 & 5		
12-13-1988	Sequence of Operations		

TRAFFIC CONTROL SIGNAL	
STH 42/57 & CTH C/S (Duluth St)	
CITY OF STURGEON BAY	
DOOR COUNTY	
SIGNAL NO. 15-0301	CONTROLLER TYPE: ECONOLITE
WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVAL RECOMMENDED	Date 1-27-1983
APPROVED	Date 3-2-1983
REGION CONTACT: RJS	DESIGNED BY: RJS
REVISED BY: RJS	

PROJECT NO: 0090-04-02

HWY: STH 42/57

COUNTY: DOOR

TRAFFIC CONTROL SIGNAL S15-301

SHEET

1

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

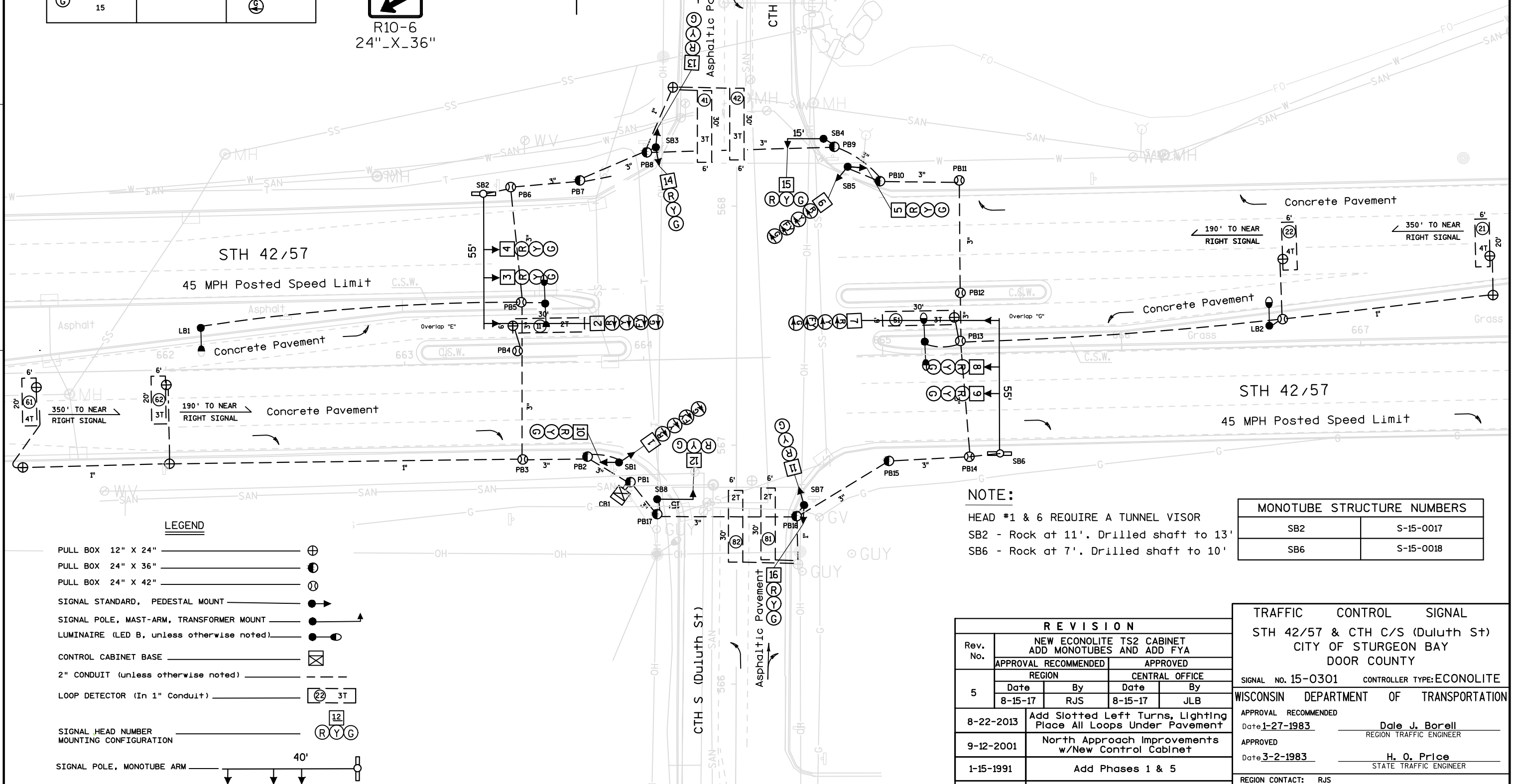


R10-6
24" X 36"



GENERAL NOTE

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LEGEND

PULL BOX 12" X 24"	
PULL BOX 24" X 36"	
PULL BOX 24" X 42"	
SIGNAL STANDARD, PEDESTAL MOUNT	
SIGNAL POLE, MAST-ARM, TRANSFORMER MOUNT	
LUMINAIRE (LED B, unless otherwise noted)	
CONTROL CABINET BASE	
2" CONDUIT (unless otherwise noted)	
LOOP DETECTOR (In 1" Conduit)	
SIGNAL HEAD NUMBER MOUNTING CONFIGURATION	
SIGNAL POLE, MONOTUBE ARM	

NOTE:

HEAD #1 & 6 REQUIRE A TUNNEL VISOR
SB2 - Rock at 11'. Drilled shaft to 13'
SB6 - Rock at 7'. Drilled shaft to 10'

MONOTUBE STRUCTURE NUMBERS

SB2	S-15-0017
SB6	S-15-0018

REVISION

Rev. No.	NEW ECONOLITE TS2 CABINET ADD MONOTUBES AND ADD FYA			
	APPROVAL RECOMMENDED		APPROVED	
5	REGION	CENTRAL OFFICE		
	Date	By	Date	By
8-22-2013	8-15-17	RJS	8-15-17	JLB
9-12-2001	Add Slotted Left Turns, Lighting Place All Loops Under Pavement			
1-15-1991	North Approach Improvements w/New Control Cabinet			
12-13-1988	Add Phases 1 & 5			
	Sequence of Operations			

TRAFFIC CONTROL SIGNAL

STH 42/57 & CTH C/S (Duluth St)
CITY OF STURGEON BAY
DOOR COUNTY

SIGNAL NO. 15-0301	CONTROLLER TYPE: ECONOLITE
WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVAL RECOMMENDED Date 1-27-1983	Dale J. Borell REGION TRAFFIC ENGINEER
APPROVED Date 3-2-1983	H. O. Price STATE TRAFFIC ENGINEER
REGION CONTACT: RJS DESIGNED BY: RJS REVISED BY: RJS	PAGE 1 OF 2

PROJECT NO: 3700-30-17

HWY: STH 42/57

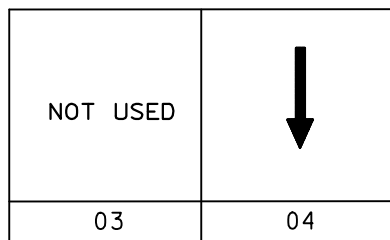
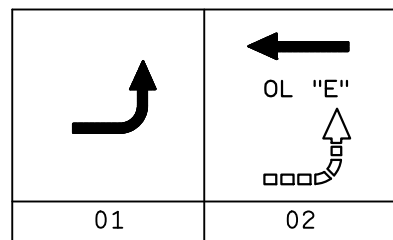
COUNTY: DOOR

TRAFFIC CONTROL SIGNAL S15-301

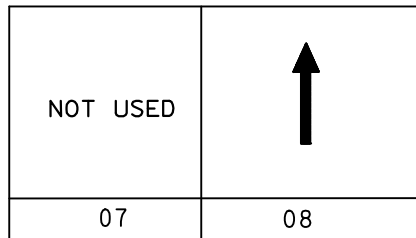
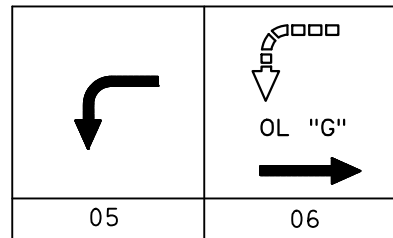
SHEET

	HEAD NUMBERS	FLASH
01	6, 7	R
02	3, 4, 5	R
03		
04	11, 12, 13	R
05	1, 2	R
06	8, 9, 10	R
07		
08	14, 15 ,16	R
02P		
04P		
06P		
08P		
OLE	6, 7	
OLF		
OLG	1, 2	
OLH		

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		8		YES
5				YES
6			MIN	YES
7				
8		4		YES

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

TYPE OF COORDINATION	
NONE	
TBC	X
TRAFFIC RESPONSIVE	
ADAPTIVE	
*LOCATION OF MASTER CONTROLLER NO: S00-0000	
SIGNAL SYSTEM #: SS00-0000	

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

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	13
PLAN LOOP DETECTOR *(S)	11	21	41	51	61	81		
ASSIGNED PHASE	1	2	3	5	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	14
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	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								

GENERAL NOTES:

1. PROVIDE FOR HAND CONTROL.

TRAFFIC CONTROL SIGNAL STH 42/57 & CTH C/S (Duluth St) CITY OF STURGEON BAY DOOR COUNTY
SIGNAL NO. 15-0301
CONTROLLER TYPE:ECONOLITE
DATE: 8-15-17 PAGE NO. 2 OF 2