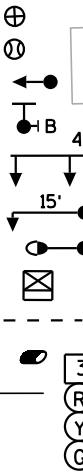


LEGEND

- PULL BOX 12" X 24" _____
- PULL BOX 24" X 42" _____
- SIGNAL STANDARD, PEDESTAL BASE _____
- PEDESTRIAN SIGNAL W/PUSH BUTTON _____
- SIGNAL POLE, MONOTUBE ARM _____
- SIGNAL HEAD MAST-ARM MOUNT _____
- LUMINAIRE _____
- CONTROL CABINET BASE _____
- 3" CONDUIT (2" from PB to T1/T2 concrete base) _____
- MICROWAVE UNIT (Intersector) _____
- SIGNAL HEAD NUMBER _____
- MOUNTING CONFIGURATION _____
- LOOP DETECTOR _____



CONFIGURATION WITH HEAD NUMBERS

3-V	3-VLFY	4-VLFY	3-H	1-P
R Y G 3, 4, 5 8, 9, 10 11, 13 14, 16	R Y G 6, 7	R Y G 1, 2	R Y G 12, 15	P 17, 18 19, 20 21, 22 23, 24

MONOTUBE STRUCTURE NUMBERS

SB2	S-70-0363
SB6	S-70-0362

GENERAL NOTES

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.



Install on SB1, SB3, SB5 & SB7

NOTE: SIGNAL HEADS 1 & 6 REQUIRE TUNNEL VISORS.

TRAFFIC CONTROL SIGNAL

USH 10 & MANITOWOC RD
TOWN OF HARRISON
CALUMET COUNTY

SIGNAL NO. 08-2009 CONTROLLER TYPE: ECONOLITE

WISCONSIN DEPARTMENT OF TRANSPORTATION

APPROVAL RECOMMENDED

Date 1-21-2016

Robert J. Schuurmans

REGION TRAFFIC ENGINEER

APPROVED

Date 3-14-2016

Joanna L. Bush

STATE TRAFFIC ENGINEER

Region Contact: RJS

Designed by: RJS

PAGE 1 OF 2

PROJECT NO: 1500-44-71

HWY: USH 10

COUNTY: WINNEBAGO

TRAFFIC CONTROL SIGNAL S08-2009

SHEET

E

FILE NAME : F:\d3_traffic\US08-2009.dgn

PLOT DATE : 14-DEC-2017 09:44

PLOT BY : dotc5s

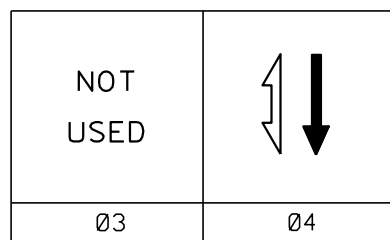
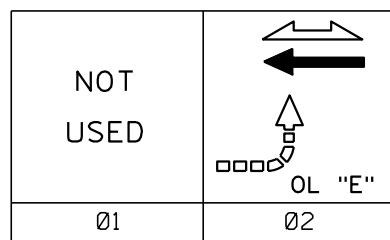
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PLOT SCALE : 40:1

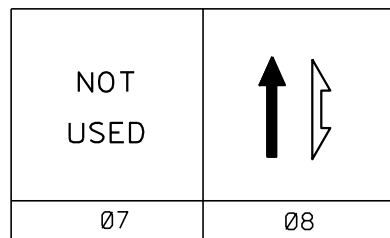
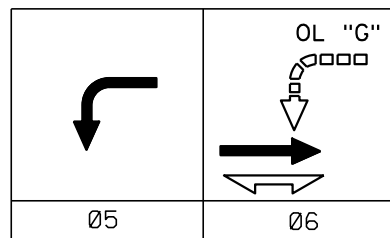
WISDOT/CADDS SHEET 42

	HEAD NUMBERS	FLASH
Ø1	6, 7	R
Ø2	3, 4, 5	R
Ø3		
Ø4	11, 12, 13	R
Ø5	1, 2	R
Ø6	8, 9, 10	R
Ø7		
Ø8	14, 15, 16	R
Ø2P	17, 18	-
Ø4P	19, 20	-
Ø6P	21, 22	-
Ø8P	23, 24	-
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				x
2			MIN/PED	x
3				
4		8		x
5				x
6			MIN/PED	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:	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)	21	41		51		62	61	81
ASSIGNED PHASE	2	4		5		6	6	8
OPERATION MODE	Veh	Veh		Veh		Veh	Veh	Veh
SWITCH TO PHASE								
EXTEND								
DELAY								
DETECTOR CHANNEL	4	2	8	6	12	10	16	14
PLAN LOOP DETECTOR *(S)		42						82
ASSIGNED PHASE		4						8
OPERATION MODE		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.

USH 10 & MANITOWOC ROAD
TOWN OF HARRISON
CALUMET COUNTY

SIGNAL NO. 08-2009

CABINET: TS2 CONTROLLER: ECONOLITE

DATE: 3-14-2016 PAGE NO. 2 OF 2