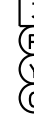


LEGEND

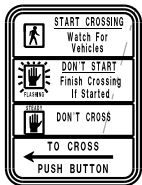
- PULL BOX 12" X 24" 
- PULL BOX 24" X 42" 
- SIGNAL STANDARD, PEDESTAL BASE 
- SIGNAL POLE, MONOTUBE ARM 
- LUMINAIRE 
- CONTROL CABINET BASE 
- CONDUIT 
- SIGNAL HEAD NUMBER
MOUNTING CONFIGURATION 
- LOOP DETECTOR (in 1" conduit) 
- LUMINAIRE (under permit) 

MONOTUBE STRUCTURE NUMBERS

SB2	S-20-0045
SB6	S-20-0044

CONFIGURATION WITH HEAD NUMBERS

3-H  9	3-V  3, 4, 5 6, 7, 8 10, 11, 12	4-VLFY  1, 2	2-P  13, 14
---	--	---	--



R10-3BL
9' X 12'
INSTALL ON SB3



R10-3BRL
9' X 12'
INSTALL ON SB5



R10-3BR
9' X 12'
INSTALL ON SB7

STH 23 (Johnson St)
35 mph Posted Speed Limit

STH 23 (Johnson St)
35 mph Posted Speed Limit

USH 151
Southbound

USH 151
Northbound

NOTE: SIGNAL HEAD # 1 REQUIRES TUNNEL VISORS

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.

TRAFFIC CONTROL SIGNAL

USH 151 SB & STH 23
CITY OF FOND DU LAC
FOND DU LAC COUNTY

SIGNAL NO. 20-1257 CONTROLLER TYPE: EPAC TS2

WISCONSIN DEPARTMENT OF TRANSPORTATION

APPROVAL RECOMMENDED

Date 2-19-2007

Robert J. Schuurmans
REGION TRAFFIC ENGINEER

APPROVED

Date 2-21-2007

Balu Ananthanarayanan
STATE TRAFFIC ENGINEER

REGION CONTACT: RJS

DESIGNED BY: RJS

REVISED BY: RJS

PAGE 1 OF 2

Updated 10-16-2017 (Added EVP)

REVISION

Rev. No.	APPROVAL RECOMMENDED	APPROVED
1	NEW TS2 EPAC CABINET, ADD FYA, ADD MONOTUBES & OSOW IMPROVEMENTS	
	REGION	CENTRAL OFFICE
	Date By	Date By
	7-29-2015 RJS	8-4-2015 JLB

PROJECT NO: 0083-03-01

HWY: USH 151

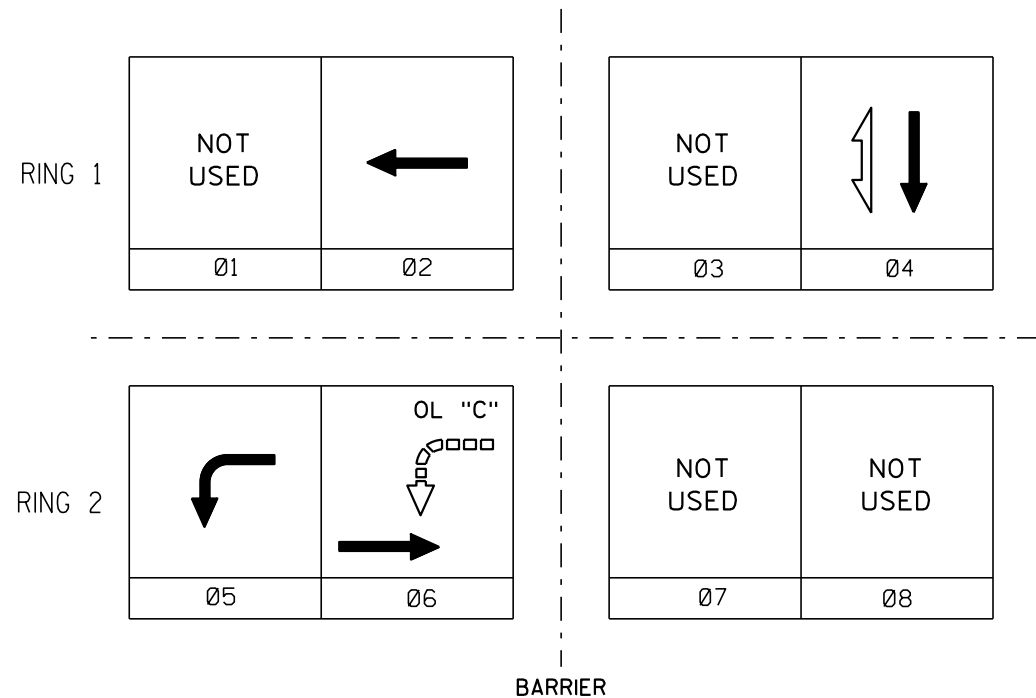
COUNTY: FOND DU LAC

TRAFFIC CONTROL SIGNAL S20-1257

SHEET

E

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



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

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-1257
SIGNAL SYSTEM #:	SS-20-2001

EMERGENCY VEHICLE PREEMPTION maintained by the City of Fond du Lac			
EMERGENCY VEHICLE DETECTOR	1	2	3
MOVEMENT	←	↔	↓
PHASE	2+5	2+6	4
GTT CHANNEL	A	B	C

TYPE OF LIGHTING	
BY OTHER AGENCY	x
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	

DETECTOR LOGIC

RACK # 1							
DETECTOR CHANNEL	3	1	7	5	11	9	15
PLAN LOOP DETECTOR *(S)	21	41	43	51	61	63	
ASSIGNED PHASE	2	4	4	5	6	6	
OPERATION MODE	Veh	Veh	Veh	Veh	Veh	Veh	
SWITCH TO PHASE							
EXTEND							
DELAY		Yes	Yes	Yes			
DETECTOR CHANNEL	4	2	8	6	12	10	16
PLAN LOOP DETECTOR *(S)		42	44		62		
ASSIGNED PHASE		4	4		6		
OPERATION MODE		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"		
OL "B"		
OL "C"	5	6
OL "D"		

GENERAL NOTES:
1. PROVIDE FOR HAND CONTROL.

Updated 10-16-2017 (Added EVP)

USH 151 SB & STH 23 CITY OF FOND DU LAC FOND DU LAC COUNTY	
SIGNAL NO.	1257
CABINET: TS2	CONTROLLER: EPAC
DATE: 8-4-2015	PAGE NO. 2 OF 2