

LEGEND

- PULL BOX 12" X 24"
- PULL BOX 24" X 42"
- SIGNAL STANDARD, PEDESTAL MOUNT
- SIGNAL POLE, MONOTUBE ARM
- LUMINAIRE (250W)
- CONTROL CABINET BASE
- 3" CONDUIT (unless otherwise noted)
- LOOP DETECTOR (In 1" Conduit)
- SIGNAL HEAD NUMBER MOUNTING CONFIGURATION
- WALK/DON'T WALK INDICATOR 16" WITH COUNTDOWN TIMER
- YIELD SIGN
- RAMP GATE

CONFIGURATION WITH HEAD NUMBERS			
3-V	3-VR2	3-VL3	1-P
4, 5, 6 7, 8, 9 10, 11, 12 13, 16	14, 15	1, 2, 3	17, 18 38, 39

MONOTUBE STRUCTURE NUMBERS	
SB2	S-05-0137
SB3	S-05-0138
SB4	S-05-0136

CTH AAA (Waube Ln)

35 MPH Posted Speed Limit

CTH AAA (Waube Ln)
30 MPH Posted Speed Limit

GENERAL NOTE

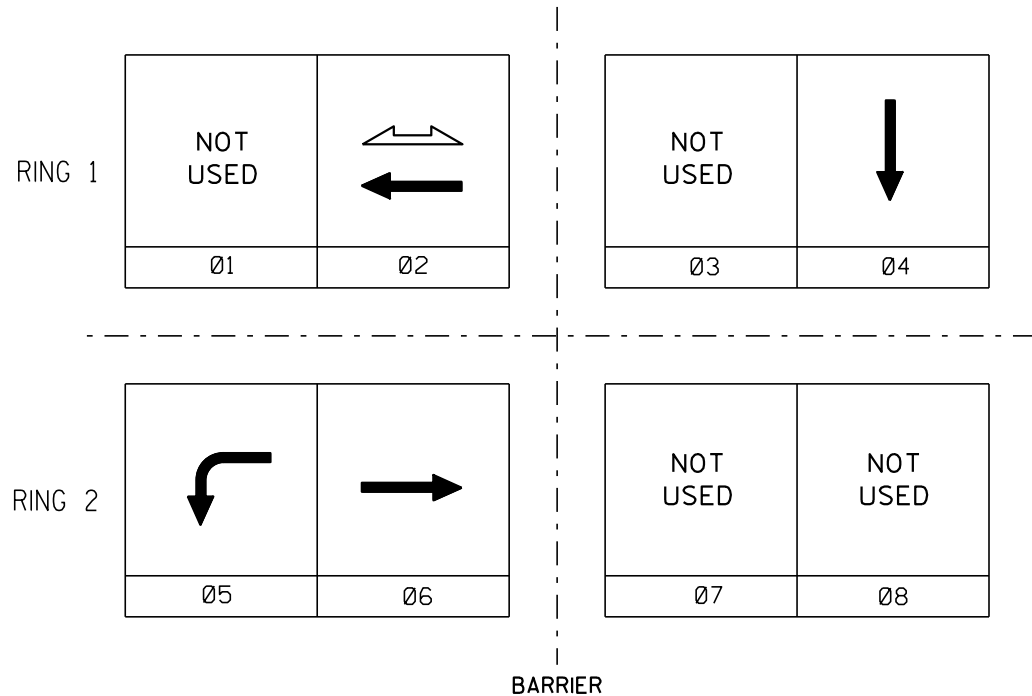
THE LOCATION OF EXISTING AND PROPOSED UTILITY INSTALLATIONS AS SHOWN ON THE PLANS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN. THE CONTRACTOR SHALL VERIFY THE LOCATIONS OF ALL UTILITIES PRIOR TO CONSTRUCTION.

UPDATED 6-6-2016
(Added delay on loop 42)

REVISION			
Rev. No.	NEW TS2 CABINET (Econolite), ADD MONOTUBES, ADD PED SIGNALS, AND ADD LIGHTING.		
	APPROVAL RECOMMENDED		APPROVED
	REGION		CENTRAL OFFICE
3	Date	By	Date By
	6-1-15	RJS	6-16-15 JLB
10-1-08 NEW CABINET & CHANGE TO TTI PHASING			
11-10-97 ADD CALL TO MAX2			

TRAFFIC CONTROL SIGNAL	
USH 41SB & CTH AAA (Waube Ln) VILLAGE OF ASHWAUBENON BROWN COUNTY	
SIGNAL NO. 05-0400	CONTROLLER TYPE: ECONOLITE
WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVAL RECOMMENDED Date 2-24-1989	Gerald R. Kurtz REGION TRAFFIC ENGINEER
APPROVED Date 3-7-1989	H. O. Price STATE TRAFFIC ENGINEER
REGION CONTACT: RJS DESIGNED BY: RJS REVISED BY: RJS	

	HEAD NUMBERS	FLASH
Ø1		
Ø2	4, 5, 6	R
Ø3		
Ø4	12, 13, 14, 15, 16	R
Ø5	1, 2, 3	R
Ø6	7, 8, 9, 10, 11	R
Ø7		
Ø8		
Ø2P	17, 18, 38, 39	
Ø4P		
Ø6P		
Ø8P		
OLE		
OLF		
OLG		
OLH		



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

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

TYPE OF COORDINATION	
NONE	
TBC	x
TRAFFIC RESPONSIVE	
ADAPTIVE	
*LOCATION OF MASTER CONTROLLER NO:	S-400
SIGNAL SYSTEM #:	SS-0177

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
PLAN LOOP DETECTOR *(S)	21	41	43	45	51	53	61
ASSIGNED PHASE	2	4	4	4	5	5	6
OPERATION MODE	Veh	Veh	Veh	Veh	Veh	Veh	Veh
SWITCH TO PHASE							
EXTEND							
DELAY		Yes					
DETECTOR CHANNEL	4	2	8	6	12	10	16
PLAN LOOP DETECTOR *(S)		42	44	46	52	54	62
ASSIGNED PHASE		4	4	4	5	5	6
OPERATION MODE		Veh	Veh	Veh	Veh	Veh	Veh
SWITCH TO PHASE							
EXTEND							
DELAY		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							

GENERAL NOTES:

1. PROVIDE FOR HAND CONTROL.

Updated 6-6-2016 (Added delay on loop 42)

USH 41 SB & CTH AAA (Waube Ln)
VILLAGE OF ASHWAUBENON
BROWN COUNTY

SIGNAL NO. 05-0400

CABINET: TS2 CONTROLLER: ECONOLITE

DATE: 6-16-2015 PAGE NO. 2 OF 2