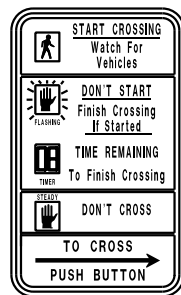


MOUNT ON SB2, SB3
SB5, SB7 & SB8



MOUNT ON SB1,
SB4 & SB6

CONFIGURATION WITH HEAD NUMBERS		
3-V (R) (Y) (G) 1, 3, 4 5, 6, 7 8, 9 10, 12	3-H (R)(Y)(G) 2, 11	1-P (P) 13 - 20

NOTE:

SB2, SB5 & SB8 DO NOT HAVE BREAKAWAY BASES.

10' 6'
125' TO NEAR
RIGHT SIGNAL

STH 15
Main Street

LEGEND

PULL BOX 12" X 24"	⊕
PULL BOX 24" X 36"	⊙
SIGNAL HEAD PEDESTAL MOUNT	20'
SIGNAL HEAD MAST-ARM MOUNT	20'
CONTROL CABINET BASE	⊗
CONDUIT	---
LUMINAIRE (12' TRUSS TYPE) (250 WATT)	⊙
SIGNAL HEAD NUMBER MOUNTING CONFIGURATION	13
SIGNAL HEAD NUMBER MOUNTING CONFIGURATION	(2) (R)(Y)(G)
LOOP DETECTOR (in 1" conduit)	(22) 2T
LOOP DETECTOR (in 1/4" grooves)	(61) 3T
PEDESTRIAN HEAD WITH PUSH BUTTON	⊕
OVERHEAD ELECTRIC	OH
UTILITY POLE	⊙
SERVICE POLE	⊙
LUMINAIRE UNDER PERMIT TO LOCAL MUNICIPALITY	⊙

1" CONDUIT TO FIRE STATION

CTH M
South Nash Street

CTH M
North Nash Street

STH 15
Main Street

Updated 5-16-2014 (Removed EVP)

R E V I S I O N				
Rev. No.	NEW TS2 CABINET (Econolite) & CHANGE TO ALL RED FLASH			
3	APPROVAL RECOMMENDED		APPROVED	
	REGION		CENTRAL OFFICE	
	Date	By	Date	By
	5-3-13	RJS	5-3-13	JLB
1-14-03 Upgrade Complete Signal				
6-27-96 Upgrade Cabinet/Controller				

TRAFFIC CONTROL SIGNAL
STH 15 & CTH M
VILLAGE OF HORTONVILLE
OUTAGAMIE COUNTY

SIGNAL NO. 286	CONTROLLER TYPE: ECONOLITE
WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVAL RECOMMENDED	Dale Borell REGION TRAFFIC ENGINEER
Date 8-6-1981	
APPROVED	H. O. Price STATE TRAFFIC ENGINEER
Date 9-9-1981	
REGION CONTACT: RJS	
DESIGNED BY: RJS	
REVISED BY: RJS	

PAGE 1 OF 2

PROJECT NO: 0083-03-01

HWY: STH 15

COUNTY: OUTAGAMIE

TRAFFIC CONTROL SIGNAL S-286

SHEET

E

CONTROLLER LOGIC

[illegible]

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

TYPE OF INTERCONNECT COMMUNICATION		TYPE OF COORDINATION		TYPE OF PRE-EMPT		TYPE OF LIGHTING	
NONE		NONE		NONE		BY OTHER AGENCY	
TBC	x	TBC	x	RAILROAD		IN TRAFFIC SIGNAL CABINET	x
CLOSED LOOP TWISTED PAIR*		TRAFFIC RESPONSIVE		EMERGENCY VEHICLE		IN SEPARATE DOT LIGHTING CABINET	
CLOSED LOOP FIBER OPTIC*		ADAPTIVE		3M			
RADIO				TOMAR			
*LOCATION OF MASTER CONTROLLER NO: S-				HARDWIRE			
SIGNAL SYSTEM #: SS- -				OTHER	x		
				LIFT BRIDGE			
				QUEUE DETECTOR			

- GENERAL NOTES:
1. ANY ACTUATED PHASE FOR WHICH THERE IS NO CALL SHALL BE SKIPPED.
 2. WHEN ONE PHASE IS ON ALONE, ANY NONCONFLICTING PHASE MAY START TIMING CONCURRENTLY WITHOUT A CLEARANCE INTERVAL.
(SEE CHART 1AT LEFT.)
 3. IF ANY OPPOSING THRU PHASES ARE TIMING CONCURRENTLY, THEY SHALL TERMINATE TOGETHER DUE TO PERMISSIVE LEFT TURN CONFLICT.
 4. PROVIDE FOR HAND CONTROL.

** CLEARANCE TO A PHASE IN CONFLICT WITH THIS PHASE ON (SEE CHART 1)

* WHEN CALLED, TIMED STEADY WALK, THEN FLASHING DON'T WALK, THEN GOES TO STEADY DON'T WALK.

D = DON'T WALK

BARRIER

CHART 1

PHASE ON	NONCONFLICTING PHASE ALLOWED TO TIME CONCURRENTLY	PHASES IN CONFLICT WITH PHASE ON
1		
2	6	4, 8
3		
4	8	2, 6
5		
6	2	4, 8
7		
8	4	2, 6

Updated 5-16-2014 (Removed EVP)

STH 15 & CTH M VILLAGE OF HORTONVILLE OUTAGAMIE COUNTY	
SIGNAL NO.	286
CONTROLLER TYPE: ECONOLITE	
DATE: 5-3-2013	PAGE NO. 2 OF 4