

LEGEND

- PULL BOX 12" X 24"
- PULL BOX 24" X 36"
- SIGNAL STANDARD, PEDESTAL MOUNT
- SIGNAL POLE, MAST-ARM, TRANSFORMER MOUNT
- LUMINAIRE, (under permit)
- CONTROL CABINET BASE
- CONDUIT
- LOOP DETECTOR (In 1" Conduit)
- LOOP DETECTOR (In 1" Conduit W/12" PULL BOX)
- SIGNAL HEAD NUMBER MOUNTING CONFIGURATION
- YIELD SIGN

CONFIGURATION WITH HEAD NUMBERS			
3-H 	3-V 	3-VA 	4-VLP 
2, 6, 10	3, 7 9, 11	1, 5	4, 8

loops in left turn lane are trashed. Conduits cut. Wires pulled out.

Contractor needs to perform a pavement repair so loop 51 can be installed. We won't use 52. PB in pavement.

Conduit for lighting cabinet incorrect. One conduit to column, an additional conduit along north side of pier to PB in median between bridges for u-deck lighting under NB structure.

Conduit not shown connecting west side to east side in median. 3" existing on south side of piers. To get re-connected.

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 41 SB & CTH II (Winchester Road)

TOWN OF MENASHA

WINNEBAGO COUNTY

SIGNAL NO. 295

SCALE 0 20

WISCONSIN DEPARTMENT OF TRANSPORTATION

APPROVAL RECOMMENDED

Date 8-3-1982

Dale J. Borell

DISTRICT TRAFFIC ENGINEER

APPROVED

Date 8-19-1982

H. O. Price

FOR STATE TRAFFIC ENGINEER

Controller Type: ECONOLITE

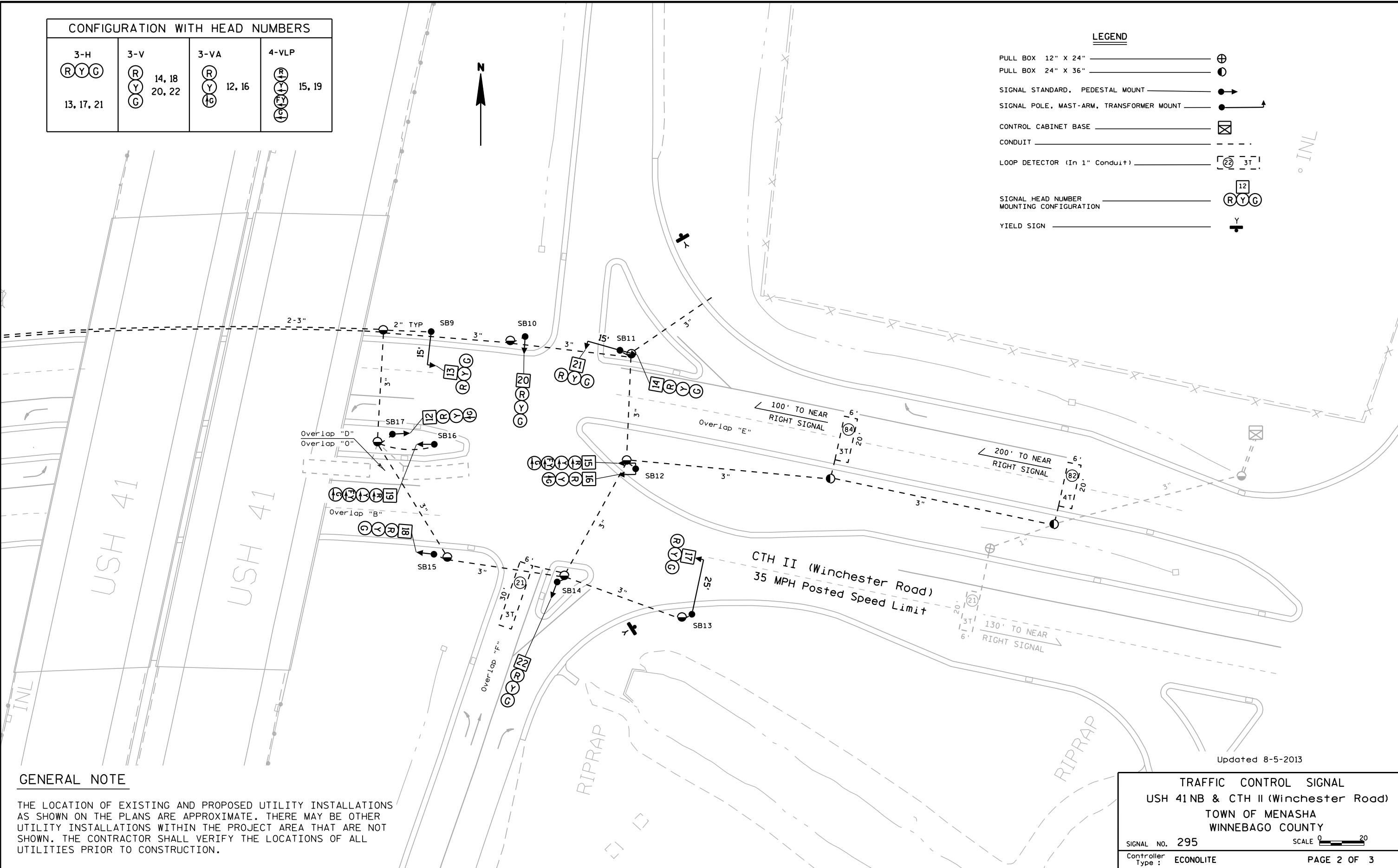
PAGE 1 OF 3

REVISION			
Rev. No.	NEW TS2 CABINET (Econolite), CHANGE TO TTI PHASING, ADD FYA & CHANGE TO ALL RED FLASH		
1	APPROVAL RECOMMENDED		APPROVED
	REGION	CENTRAL OFFICE	
1	Date	By	Date By
	7-16-2012	RJS	7-16-2012 JLB

CONFIGURATION WITH HEAD NUMBERS			
3-H <div><div>R</div><div>Y</div><div>G</div></div> 13, 17, 21	3-V <div><div>R</div><div>Y</div><div>G</div></div> 14, 18 20, 22	3-VA <div><div>R</div><div>Y</div><div>G</div></div> 12, 16	4-VLP <div><div>R</div><div>Y</div><div>G</div><div>G</div></div> 15, 19

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MOUNTING CONFIGURATION
- YIELD SIGN



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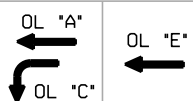
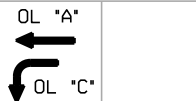
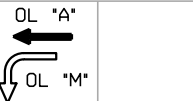
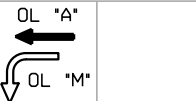

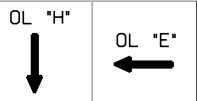
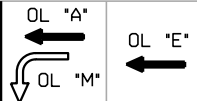
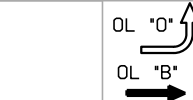
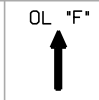

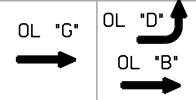
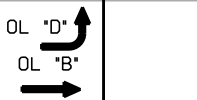

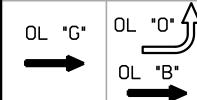
Updated 8-5-2013

TRAFFIC CONTROL SIGNAL  
USH 41NB & CTH II (Winchester Road)  
TOWN OF MENASHA  
WINNEBAGO COUNTY

SIGNAL NO. 295  
Controller Type : ECONOLITE

SCALE 0 20'  
PAGE 2 OF 3

## SEQUENCE OF OPERATION

																																						NOT USED											
																																																	
		Ø1						Ø2						Ø3						Ø4						Ø5						Ø6						Ø7						Ø8					
		CLEAR TO						CLEAR TO						CLEAR TO						CLEAR TO						CLEAR TO						CLEAR TO						CLEAR TO						CLEAR TO					
	HEAD NUMBERS	R/W	**					R/W	**					R/W	**					R/W	**					R/W	**					R/W	**					R/W	**										
OL "A"	5, 6, 7	G	Y	R				G	Y	R				G	Y	R				G	Y	R				R	R	R											G	Y	R								
OL "B"	16, 17, 18	G	Y	R				R	R	R				G	Y	R				G	Y	R				G	Y	R											G	Y	R								
OL "C"	4, 8	G	Y	R				G	Y	R				-	-	-				R	R	R				R	R	R										-	-	-									
OL "D"	15, 19	-	-	-				R	R	R				R	R	R				G	Y	R				-	-	-										-	-	-									
OL "E"	12, 13, 14	G	Y	R				R	R	R				R	R	R				R	R	R				R	R	R										G	Y	R									
OL "F"	20, 21, 22	R	R	R				G	Y	R				G	Y	R				R	R	R				R	R	R										R	R	R									
OL "G"	1, 2, 3	R	R	R				R	R	R				G	Y	R				G	Y	R				R	R	R										G	Y	R									
OL "H"	9, 10, 11	R	R	R				R	R	R				R	R	R				G	Y	R				G	Y	R									R	R	R										
OL "M"	4, 8	-	-	-				-	-	-				F	Y	R				F	Y	R				-	-	-									-	-	-										
OL "O"	15, 19	F	Y	R				-	-	-				-	-	-				-	-	-				F	Y	R									F	Y	R										

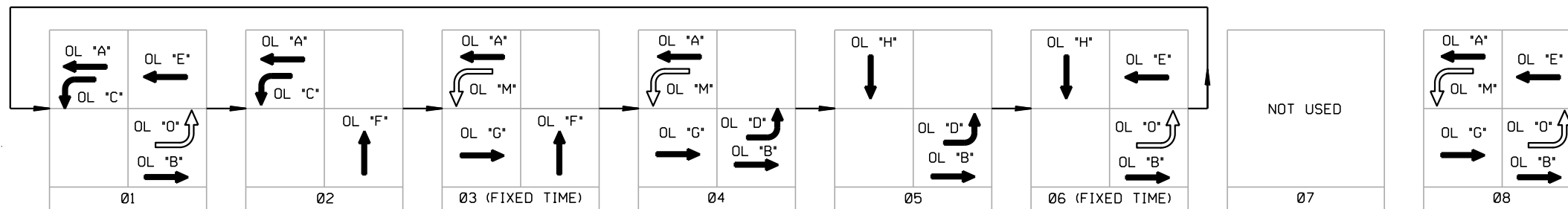
FLASH

## CONTROLLER LOGIC

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

## OVERLAPS

O.L. "A" = 01,02,03,04,08  
O.L. "B" = 01,04,05,06,08  
O.L. "C" = 01,02  
O.L. "D" = 04,05  
O.L. "E" = 01,06,08  
O.L. "F" = 02,03  
O.L. "G" = 03,04,08  
O.L. "H" = 05,06  
O.L. "M" = 03,04,08  
O.L. "O" = 01,06,08



## DETECTOR LOGIC

DETECTOR NUMBER	DETECTOR RACK NUMBER	DETECTOR OPERATION			PHASE CALLED	PHASE EXTENDED	DETECTOR DISCONNECT PHASE	CALLING DELAY	EXTENSION STRETCH	SIZE	NUMBER OF TURNS
		CALLS AND EXTENDS	CALLS ONLY	EXTENDS ONLY							
21	3	X			2	2				6x30	3
51	1			X		5				6x15	3
52	2	X			5	5				5x30	3
53	7	X			5	5				5x30	2
81	5	X			8	8				6x20	3
82	6	X			8	8				6x20	4
83	11	X			8	8				6x20	3
84	12	X			8	8				6x20	3

TYPE OF INTERCONNECT COMMUNICATION	
NONE	
TBC	X
CLOSED LOOP TWISTED PAIR*	
CLOSED LOOP FIBER OPTIC*	
RADIO	
*LOCATION OF MASTER CONTROLLER NO:	S-0000
SIGNAL SYSTEM #:	SS-0000

TYPE OF COORDINATION	
NONE	
TBC	X
TRAFFIC RESPONSIVE	
ADAPTIVE	

TYPE OF PRE-EMPT	
NONE	X
RAILROAD	
EMERGENCY VEHICLE	
3M	
TOMAR	
HARDWIRE	
OTHER	
LIFT BRIDGE	
QUEUE DETECTOR	

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

## NOTES:

- ANY ACTUATED PHASE FOR WHICH THERE IS NO CALL SHALL BE SKIPPED.
- DAY - OMIT PHASE 8  
NIGHT - OMIT PHASES 1, 3, 4 & 6
- PROVIDE FOR HAND CONTROL.

Updated 8-5-2013

USH 41 & CTH II (Winchester Rd)  
Town of Menasha  
Winnebago County

SIGNAL NO. 295

CONTROLLER TYPE: ECONOLITE

DATE: 7-16-2012

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