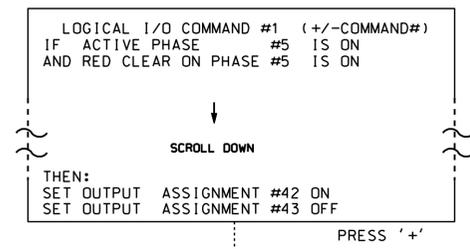


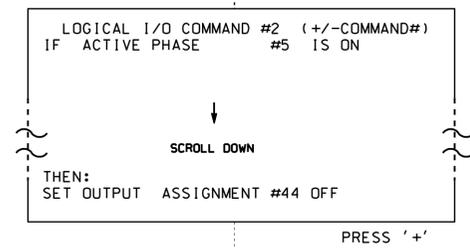
### LOGICAL I/O PROCESSOR PROGRAMMING DETAIL TO PRODUCE SPECIAL FYA-PPLT SIGNAL SEQUENCE

(program controller as shown below)

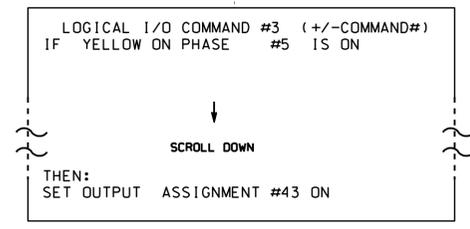
- FROM MAIN MENU PRESS '2' (PHASE CONTROL), THEN '1' (PHASE CONTROL FUNCTIONS). SCROLL TO THE BOTTOM OF THE MENU AND ENABLE ACT LOGIC COMMANDS 1, 2 AND 3.
- FROM MAIN MENU PRESS '6' (OUTPUTS), THEN '3' (LOGICAL I/O PROCESSOR).



NOTE: LOGIC FOR PHASE 5 RED CLEAR WHEN TRANSITIONING FROM PHASE 5 TO PHASE 6 (HEAD 51).



NOTE: LOGIC FOR SWITCHING FLASHING YELLOW ARROW "OFF" DURING PHASE 5 (HEAD 51).



NOTE: LOGIC FOR YELLOW ARROW CLEARANCE FROM PHASE 5 (HEAD 51).

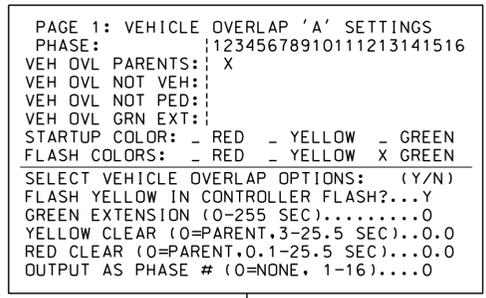
LOGIC I/O PROCESSOR PROGRAMMING COMPLETE

OUTPUT REFERENCE SCHEDULE
OUTPUT 42 = Overlap C Red
OUTPUT 43 = Overlap C Yellow
OUTPUT 44 = Overlap C Green

### OVERLAP PROGRAMMING DETAIL

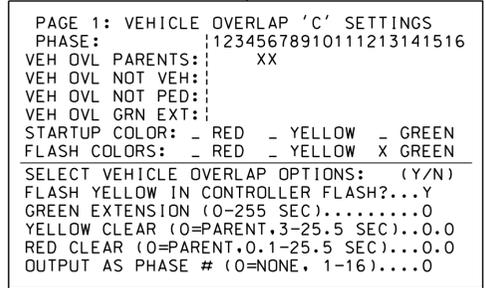
(program controller as shown below)

FROM MAIN MENU PRESS '8' (OVERLAPS), THEN '1' (VEHICLE OVERLAP SETTINGS).



← NOTICE GREEN FLASH

PRESS '+' TWICE

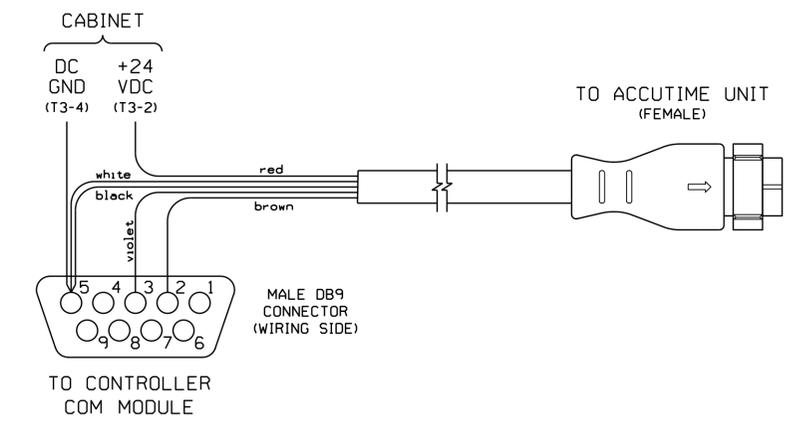


← NOTICE GREEN FLASH

OVERLAP PROGRAMMING COMPLETE

### CONNECTOR WIRING DETAIL FOR ACCUTIME GPS ANTENNA WITH SERIAL INTERFACE

(make connections as shown)



SIGNAL DESCRIPTION	12 CONDUCTOR CABLE COLOR	ACCUTIME CONNECTOR	DB9 TO CONTROLLER	CABINET CONNECTION
DC POWER	RED	PIN 1	PIN 3	T3-2
PORT B: RECEIVE	VIOLET	PIN 2	PIN 2	
PORT B: TRANSMIT	BROWN	PIN 4	PIN 2	
PORT A: RECEIVE	WHITE	PIN 6	PIN 5	
DC GROUND	BLACK	PIN 9	PIN 5	T3-4

Note: All other wires in the Accutime cable are unused and should be tied off.

Configure the Com Port used by the Accutime unit in the Oasis software using the settings below:

- \* 9600 Baud
- \* 8 Data Bits
- \* 1 Stop Bit
- \* Odd Parity
- \* Trimble TSIP GPS Protocol

Be sure to enable the "GET TIME FROM GPS" option under D-1 (Set Clock) menu.

Electrical Detail - Temp - Sheet 2 of 2

THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 10-2176 DESIGNED: July 2015 SEALED: 8/27/2015 REVISED: N/A	Prepared in the Offices of:  750 N. Greenfield Pkwy, Garner, NC 27529	SR 1009 (Old Monroe Road) at SR 1371 (Southfork Road)/ Garmon Drive	SEAL  SEAL 022013 ENGINEER GEORGE C. BROWN
		Division 10 Union County Indian Trail PLAN DATE: August 2015 REVIEWED BY: GCB PREPARED BY: C. Strickland REVIEWED BY:	
REVISIONS: _____ INIT. DATE _____		DocuSigned by:  8/28/2015 P12001ED08EB434 DATE _____ SIG. INVENTORY NO. 10-2176	