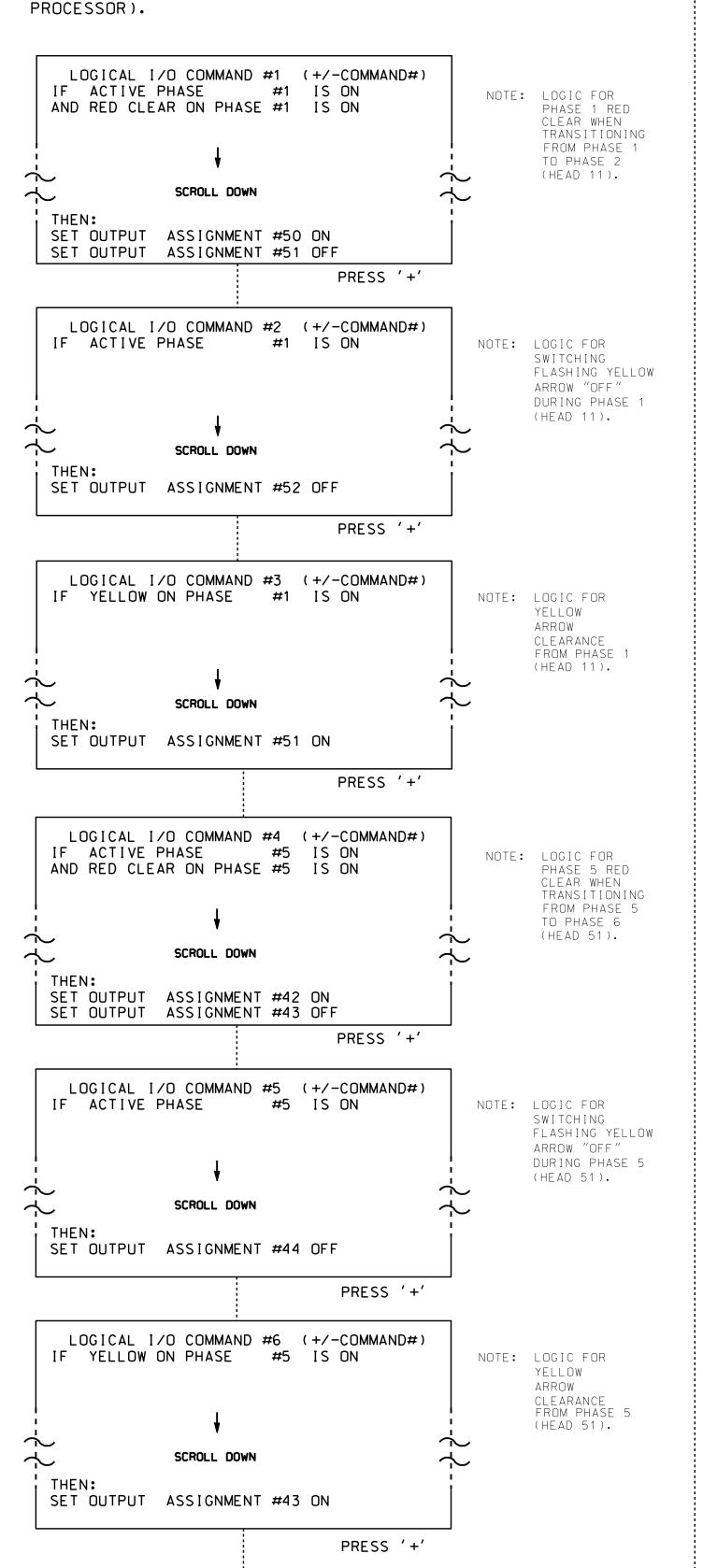
## TO PRODUCE SPECIAL FYA-PPLT SIGNAL SEQUENCE

(program controller as shown below)

1. 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, 3, 4, 5, 6, 7, 8, 9, 10, 11, AND 12.

2. FROM MAIN MENU PRESS '6' (OUTPUTS), THEN '3' (LOGICAL I/O PROCESSOR).



## LOGICAL I/O COMMAND #7 (+/-COMMAND#) IF ACTIVE PHASE #3 IS ON NOTE: LOGIC FOR AND RED CLEAR ON PHASE #3 IS ON PHASE 3 RED CLEAR WHEN TRANSITIONING FROM PHASE 3 TO PHASE 4 (HEAD 31). $\dot{\sim}$ SCROLL DOWN **←** THEN: SET OUTPUT ASSIGNMENT #47 ON SET OUTPUT ASSIGNMENT #48 OFF PRESS '+' LOGICAL I/O COMMAND #8 (+/-COMMAND#) IF ACTIVE PHASE #3 IS ON NOTE: LOGIC FOR SWITCHING FLASHING YELLOW ARROW "OFF" DURING PHASE 3 (HEAD 31). $\dot{\sim}$ SCROLL DOWN SET OUTPUT ASSIGNMENT #49 OFF PRESS '+' LOGICAL I/O COMMAND #9 (+/-COMMAND#) IF YELLOW ON PHASE #3 IS ON NOTE: LOGIC FOR YELLOW ARROW CLEARANCE FROM PHASE 3 (HEAD 31). $\dot{\sim}$ SCROLL DOWN SET OUTPUT ASSIGNMENT #48 ON PRESS '+' LOGICAL I/O COMMAND #10 (+/-COMMAND#) IF ACTIVE PHASE #7 IS ON NOTE: LOGIC FOR AND RED CLEAR ON PHASE #7 IS ON PHASE 7 RED CLEAR WHEN TRANSITIONING FROM PHASE 7 TO PHASE 8 (HEAD 71). $\dot{\sim}$ SCROLL DOWN 4 THEN: SET OUTPUT ASSIGNMENT #39 ON SET OUTPUT ASSIGNMENT #40 OFF PRESS '+' LOGICAL I/O COMMAND #11 (+/-COMMAND#) IF ACTIVE PHASE #7 IS ON NOTE: LOGIC FOR SWITCHING FLASHING YELLOW ARROW "OFF" DURING PHASE 7 (HEAD 71). SCROLL DOWN SET OUTPUT ASSIGNMENT #41 OFF PRESS '+' LOGICAL I/O COMMAND #12 (+/-COMMAND#) IF YELLOW ON PHASE #7 IS ON NOTE: LOGIC FOR YELLOW

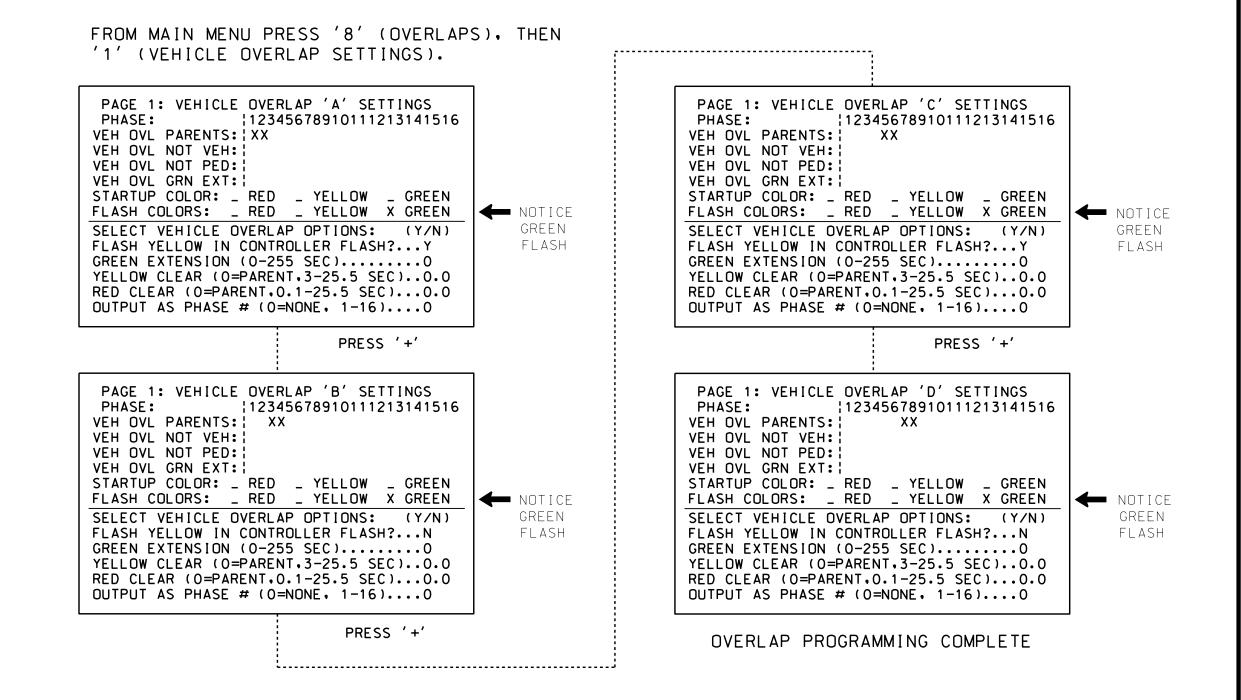
SCROLL DOWN

LOGIC I/O PROCESSOR PROGRAMMING COMPLETE

SET OUTPUT ASSIGNMENT #40 ON

## OVERLAP PROGRAMMING DETAIL

(program controller as shown below)



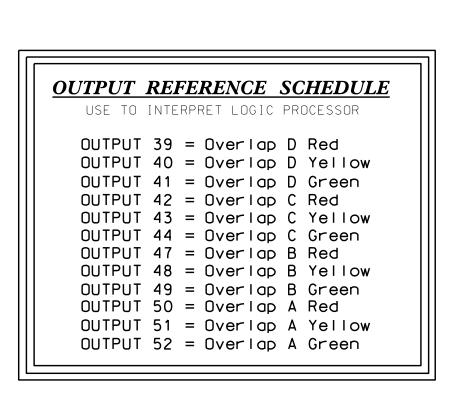
## FLASHER CIRCUIT MODIFICATION DETAIL

IN ORDER TO INSURE THAT SIGNALS FLASH CONCURRENTLY ON THE SAME APPROACH, MAKE THE FOLLOWING FLASHER CIRCUIT CHANGES:

- 1. ON REAR OF PDA REMOVE WIRE FROM TERM. T2-4 AND TERMINATE ON T2-2.
- 2. ON REAR OF PDA REMOVE WIRE FROM TERM. T2-5 AND TERMINATE ON T2-3.
- 3. REMOVE FLASHER UNIT 2.

THE CHANGES LISTED ABOVE TIES ALL PHASES AND OVERLAPS TO FLASHER UNIT 1.

750 N.Greenfield Pkwy, Garner, NC 27529

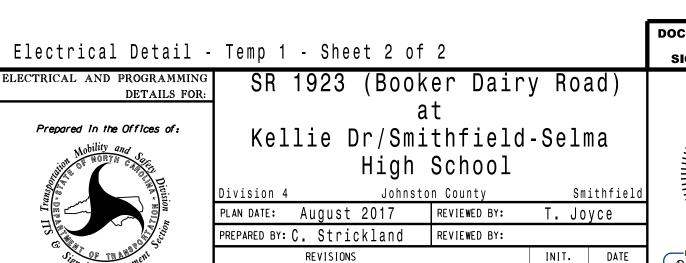


ARROW

CLEARANCE FROM PHASE 7

(HEAD 71).

THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 04-1415T1 DESIGNED: August 2017 SEALED: 9/5/2017 REVISED:



DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED SEAL SEAL 031001 D. told Joya 9/7/2017

SIG. INVENTORY NO. 04-1415T1