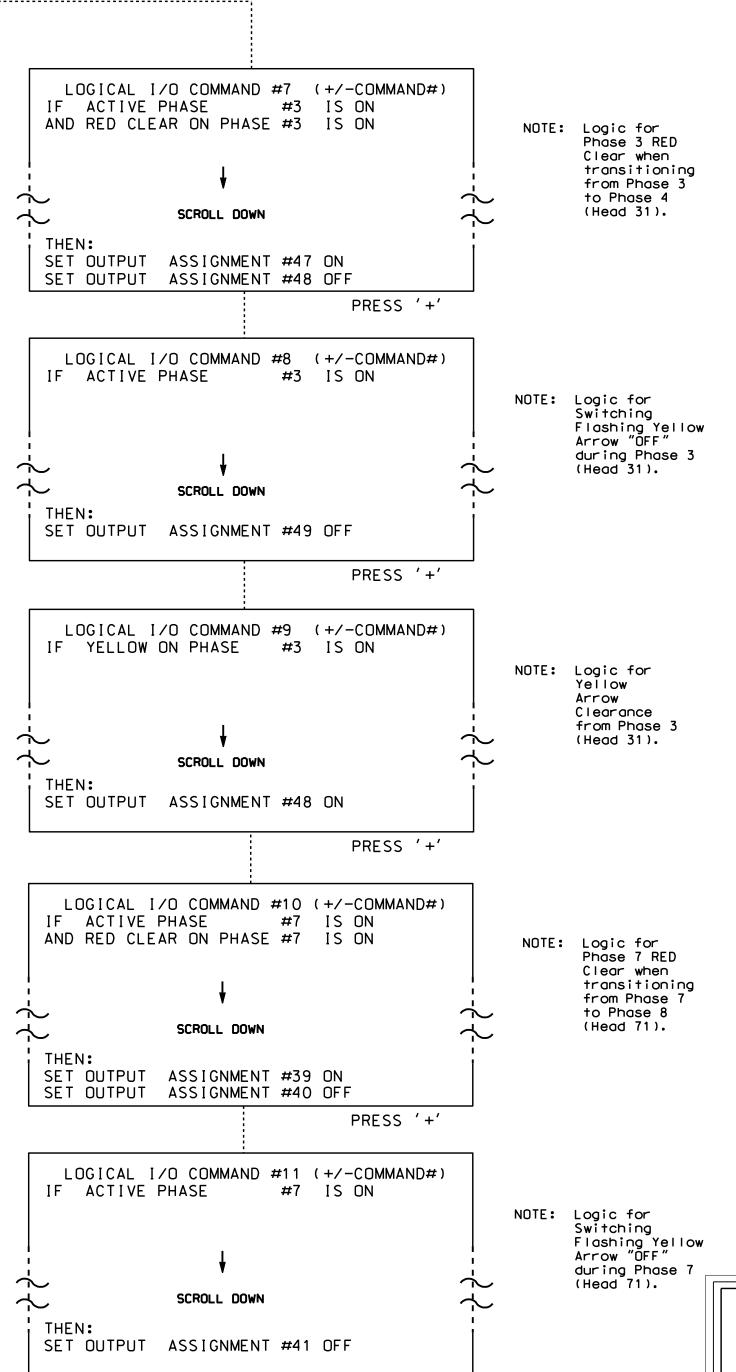
(program controller as shown below)

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 #1 (+/-COMMAND#) IF ACTIVE PHASE #1 IS ON AND RED CLEAR ON PHASE #1 IS ON NOTE: Logic for Phase 1 RED Clear when transitioning from Phase 1 to Phase 2 SCROLL DOWN (Head 11). SET OUTPUT ASSIGNMENT #50 ON SET OUTPUT ASSIGNMENT #51 OFF PRESS '+' LOGICAL I/O COMMAND #2 (+/-COMMAND#) IF ACTIVE PHASE #1 IS ON NOTE: Logic for Switching Flashing Yellow Arrow "OFF" during Phase 1 (Head 11).  $\leftarrow$ SCROLL DOWN SET OUTPUT ASSIGNMENT #52 OFF PRESS '+' LOGICAL I/O COMMAND #3 (+/-COMMAND#) IF YELLOW ON PHASE #1 IS ON NOTE: Logic for Yellow Arrow Clearance from Phase 1  $\dot{\sim}$ (Head 11). SCROLL DOWN SET OUTPUT ASSIGNMENT #51 ON PRESS '+' LOGICAL I/O COMMAND #4 (+/-COMMAND#) IF ACTIVE PHASE #5 IS ON AND RED CLEAR ON PHASE #5 IS ON NOTE: Logic for Phase 5 RED Clear when transitioning from Phase 5 to Phase 6 (Head 51). SCROLL DOWN SET OUTPUT ASSIGNMENT #42 ON SET OUTPUT ASSIGNMENT #43 OFF PRESS '+' LOGICAL I/O COMMAND #5 (+/-COMMAND#) IF ACTIVE PHASE #5 IS ON NOTE: Logic for Switching Flashing Yellow Arrow "OFF" during Phase 5  $\dot{\sim}$  $\sim$ (Head 51). SCROLL DOWN SET OUTPUT ASSIGNMENT #44 OFF PRESS '+' LOGICAL I/O COMMAND #6 (+/-COMMAND#) IF YELLOW ON PHASE #5 IS ON NOTE: Logic for Yellow Arrow Clearance from Phase 5 (Head 51). SCROLL DOWN SET OUTPUT ASSIGNMENT #43 ON

PRESS '+'



PRESS '+'

NOTE: Logic for

Yellow

Clearance

(Head 71).

from Phase 7

LOGICAL I/O COMMAND #12 (+/-COMMAND#)

IF YELLOW ON PHASE #7 IS ON

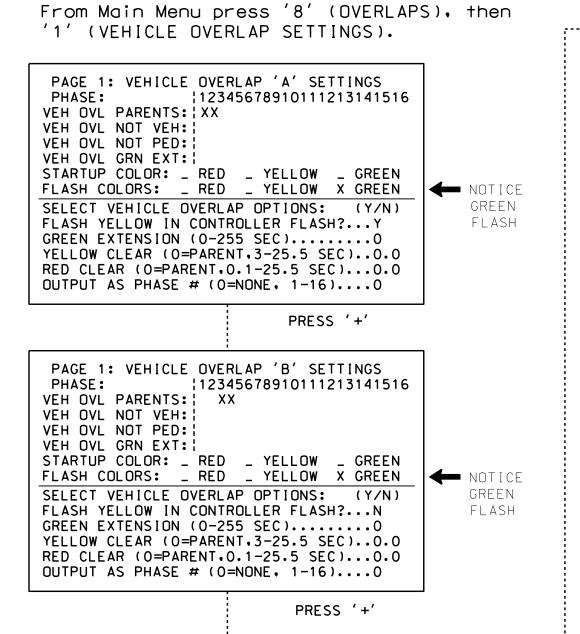
SCROLL DOWN

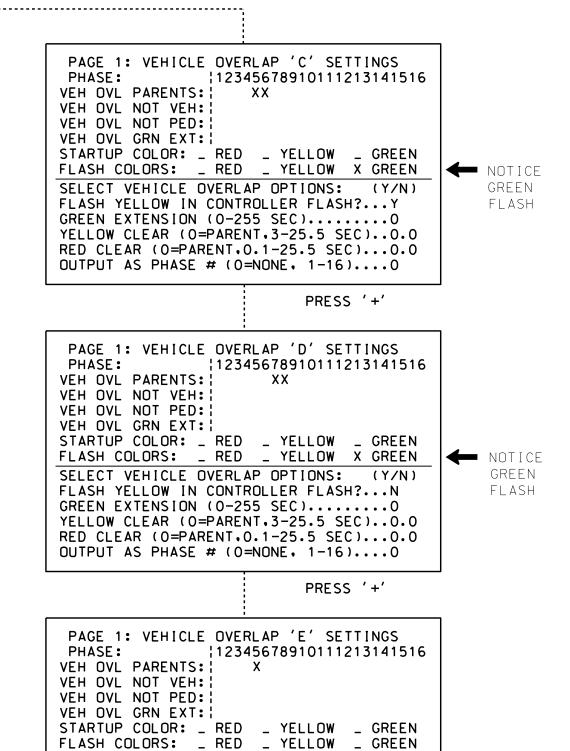
LOGIC I/O PROCESSOR PROGRAMMING COMPLETE

SET OUTPUT ASSIGNMENT #40 ON

## OVERLAP PROGRAMMING DETAIL

(program controller as shown below)



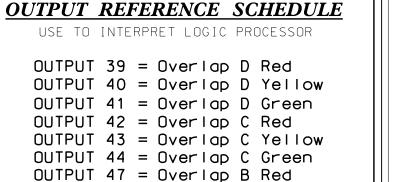


OVERLAP PROGRAMMING COMPLETE

SELECT VEHICLE OVERLAP OPTIONS: (Y/N) FLASH YELLOW IN CONTROLLER FLASH?...N

GREEN EXTENSION (0-255 SEC)..... YELLOW CLEAR (O=PARENT.3-25.5 SEC)..0.0 RED CLEAR (0=PARENT.0.1-25.5 SEC)...0.0

OUTPUT AS PHASE # (0=NONE, 1-16)....0



OUTPUT 48 = Overlap B Yellow

OUTPUT 51 = Overlap A Yellow

OUTPUT 52 = Overlap A Green

OUTPUT 49 = Overlap B Green

OUTPUT 50 = Overlap A Red

Electrical Detail - Sheet 2 of 4 ELECTRICAL AND PROGRAMMING DETAILS FOR: Prepared in the Offices of:

750 N.Greenfield Pkwy.Garner.NC 27529

THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 04-0667 DESIGNED: January 2017 SEALED: 2/14/17 REVISED: N/A

> DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED US 64 Alternate NC 43 Bypass/ Fdaecombe County Rockv Mount

SR 1250 (Springfield Road) ivision 4 PLAN DATE: February 2017 | REVIEWED BY: BAS PREPARED BY: B. SIMMONS REVIEWED BY: KMMREVISIONS INIT. DATE

Moled Aslami SIG. INVENTORY NO. 04-0667

SEAL

SEAL 032108