

**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 4, 5 AND 6.
- FROM MAIN MENU PRESS '6' (OUTPUTS), THEN '3' (LOGICAL I/O PROCESSOR).

PRESS '+' THREE TIMES

LOGICAL I/O COMMAND #4 (+/-COMMAND#) IF ACTIVE PHASE #5 IS ON AND RED CLEAR ON PHASE #5 IS ON  SCROLL DOWN  THEN: SET OUTPUT ASSIGNMENT #42 ON SET OUTPUT ASSIGNMENT #43 OFF	NOTE: LOGIC FOR PHASE 5 RED CLEAR WHEN TRANSITIONING FROM PHASE 5 TO PHASE 6 (HEAD 51).
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PRESS '+'

LOGICAL I/O COMMAND #5 (+/-COMMAND#) IF ACTIVE PHASE #5 IS ON  SCROLL DOWN  THEN: SET OUTPUT ASSIGNMENT #44 OFF	NOTE: LOGIC FOR SWITCHING FLASHING YELLOW ARROW "OFF" DURING PHASE 5 (HEAD 51).
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PRESS '+'

LOGICAL I/O COMMAND #6 (+/-COMMAND#) IF YELLOW ON PHASE #5 IS ON  SCROLL DOWN  THEN: SET OUTPUT ASSIGNMENT #43 ON	NOTE: LOGIC FOR YELLOW ARROW CLEARANCE FROM PHASE 5 (HEAD 51).
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LOGIC I/O PROCESSOR PROGRAMMING COMPLETE

**OUTPUT REFERENCE SCHEDULE**

OUTPUT 42 = Over lap C Red  
 OUTPUT 43 = Over lap C Yellow  
 OUTPUT 44 = Over lap C Green

**OVERLAP PROGRAMMING DETAIL**

*(program controller as shown below)*

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

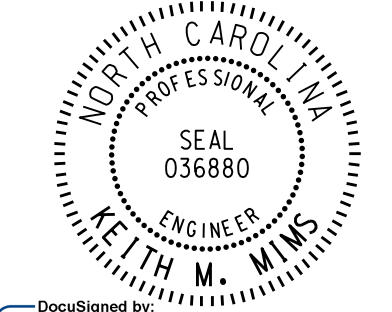

PRESS '+' TWICE

PAGE 1: VEHICLE OVERLAP 'C' SETTINGS PHASE: 12345678910111213141516 VEH OVL PARENTS: XX VEH OVL NOT VEH: VEH OVL NOT PED: VEH OVL GRN EXT: STARTUP COLOR: - RED - YELLOW - GREEN FLASH COLORS: - RED - YELLOW X GREEN SELECT VEHICLE OVERLAP OPTIONS: (Y/N) FLASH YELLOW IN CONTROLLER FLASH?...Y GREEN EXTENSION (0-255 SEC)...0.0 YELLOW CLEAR (0=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	← NOTICE GREEN FLASH
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OVERLAP PROGRAMMING COMPLETE

THIS ELECTRICAL DETAIL IS FOR  
 THE SIGNAL DESIGN: 06-0946T2  
 DESIGNED: September 2017  
 SEALED: 11-28-17  
 REVISED: N/A

06-0946T2-2017-11-28  
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 J.peterson

Electrical Detail - Sheet 2 of 2 - Temp.2 (Phase I-18)		<b>DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED</b>
ELECTRICIAL AND PROGRAMMING DETAILS FOR:	NC 59 (South Main Street) at I-95 Bus./US 301 SB Ramp / SR 2285 (Shipman Road)	SEAL 
Prepared In the Offices of: 	Division 6 Cumberland County Hope Mills	DocuSigned by: Keith M. Mins 12/1/2017
PLAN DATE: November 2017 PREPARED BY: James Peterson	REVIEWED BY:	DATE
REVISIONS	INIT.	DATE
750 N. Greenfield Pkwy, Garner, NC 27529	SIG. INVENTORY NO. 06-0946T2	