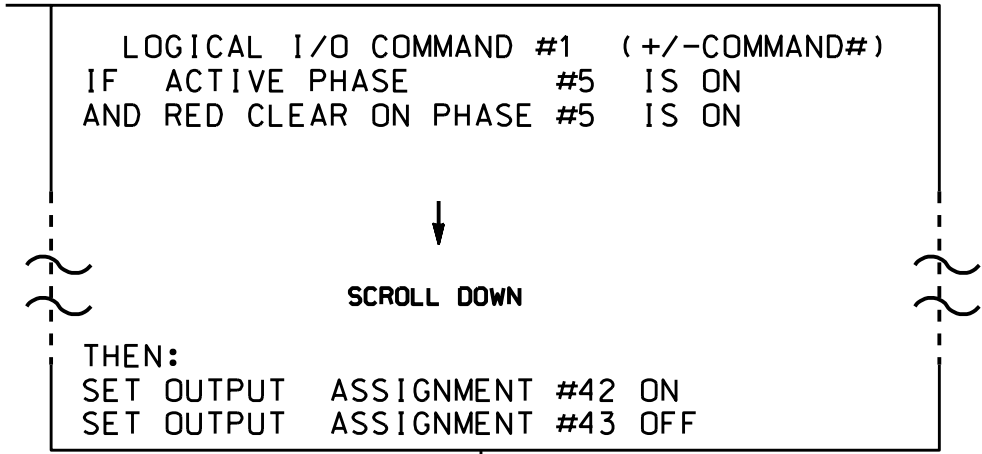


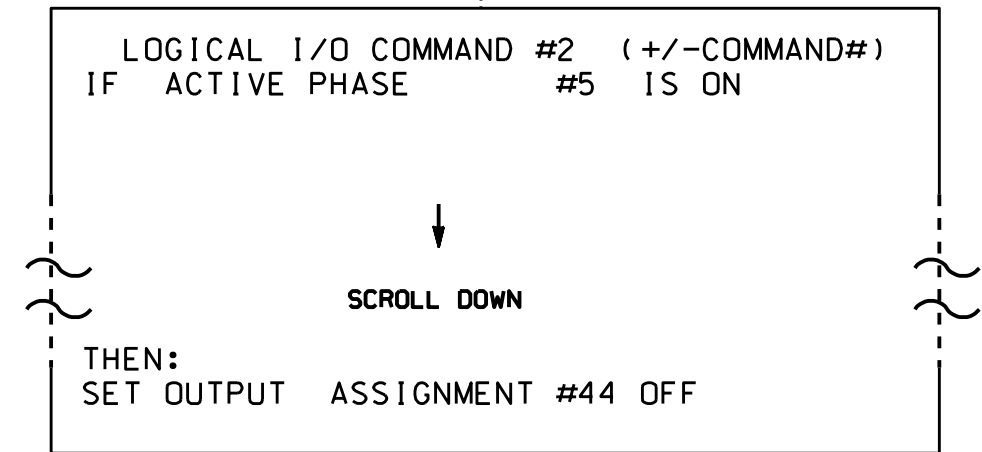
LOGICAL I/O PROCESSOR PROGRAMMING DETAIL  
TO PRODUCE SPECIAL FYA-PPLT SIGNAL SEQUENCE

(program controller as shown below)

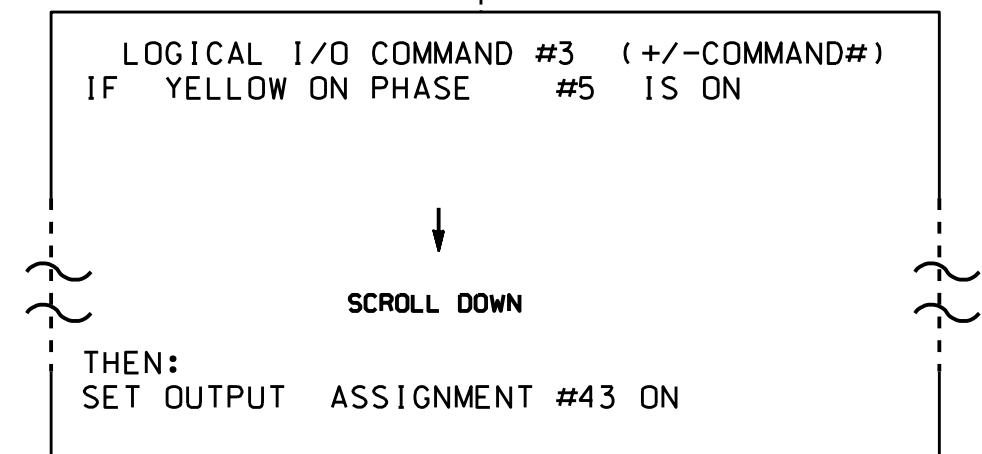
- FROM MAIN MENU PRESS '2' (PHASE CONTROL), THEN '1' (PHASE CONTROL FUNCTIONS). SCROLL TO THE BOTTOM OF THE MENU AND ENABLE ACT LOGIC COMMANDS 1, 2 AND 3.
- FROM MAIN MENU PRESS '6' (OUTPUTS), THEN '3' (LOGICAL I/O PROCESSOR).



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).

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?...N  
GREEN EXTENSION (0-255 SEC).....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

OVERLAP PROGRAMMING COMPLETE

THIS ELECTRICAL DETAIL IS FOR  
THE SIGNAL DESIGN: 09-0599T1  
DESIGNED: September 2024  
SEALED: 01-02-25  
REVISED: N/A

Electrical Design - Sheet 2 of 2 - Tempoary Design 1

ELECTRICAL AND PROGRAMMING  
DETAILS FOR:

Prepared In the Offices of:



750 N. Greenfield Pkwy, Garner, NC 27529

NC 109/SR 4325 (Thomasville Road)  
at  
I-40 WB Ramp and  
SR 3825 (I-40 WB Fronrage Rd.)  
Division 9 Forsyth County Winston-Salem

PLAN DATE: December 2024 REVIEWED BY:

PREPARED BY: James Peterson REVIEWED BY:

REVISIONS INIT. DATE

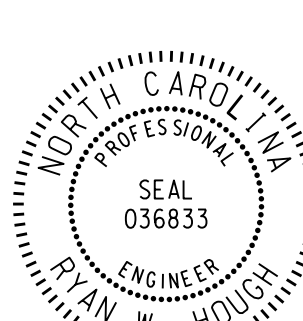
Signed by: Ryan W. Hough 1/13/2025

1/303205AA2054C3 DATE

SIG. INVENTORY NO. 09-0599T1

DOCUMENT NOT CONSIDERED  
FINAL UNLESS ALL  
SIGNATURES COMPLETED

SEAL



Signed by: Ryan W. Hough 1/13/2025

1/303205AA2054C3 DATE

SIG. INVENTORY NO. 09-0599T1