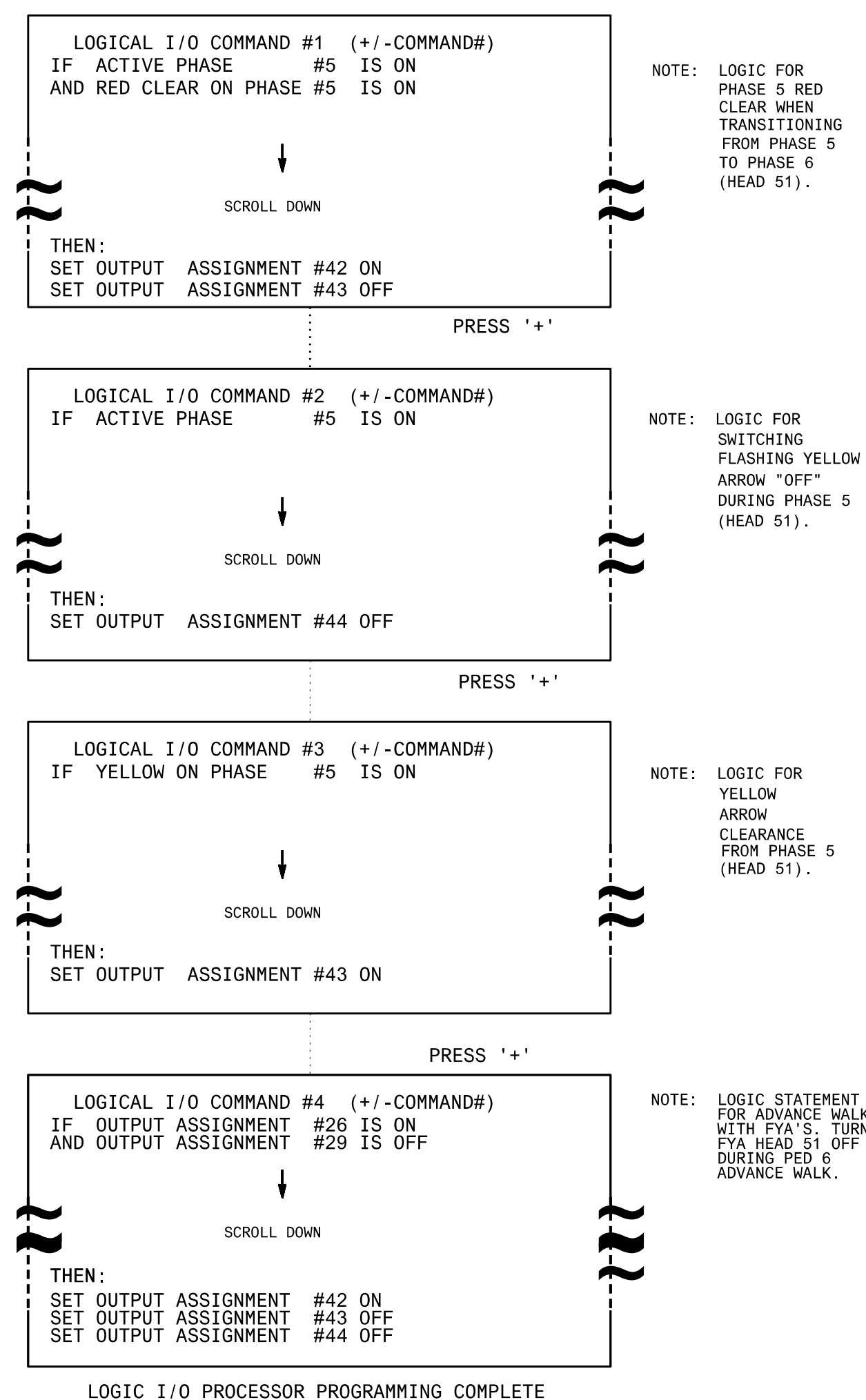


**LOGICAL I/O PROCESSOR PROGRAMMING DETAIL  
TO PRODUCE SPECIAL FYA-PPLT SIGNAL SEQUENCE**

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



**OUTPUT REFERENCE SCHEDULE**

- OUTPUT 26 = 6 Ped Walk
- OUTPUT 29 = Vehicle 6 Green
- 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)...0.0
    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

**COUNTDOWN PEDESTRIAN SIGNAL OPERATION**

Countdown Ped Signals are required to display timing only during Ped Clearance Interval. Consult Ped Signal Module user's manual for instructions on selecting this feature.

**ADVANCE WALK NOTE**

From Main Menu press '2' (Phase Control). Then '1' (Phase Control Functions). Program Phase 6 for 'Advance Walk'. Make sure the Walk Advance Time shown on the Signal Design plans is programmed in the 'Phase Timing' menu.

THIS ELECTRICAL DETAIL IS FOR  
THE SIGNAL DESIGN: 09-0651T2  
DESIGNED: November 2025  
SEALED: 02-12-26  
REVISED: N/A

Electrical Detail - Sheet 2 of 2

Prepared in the Offices of:  

 750 N. Greenfield Pkwy, Garner, NC 27529

SR 4000 (University Parkway) at US 52 SB Ramps	
Division 9	Forsyth County
Winston-Salem	
PLAN DATE: February 2026	REVIEWED BY:
PREPARED BY: James Peterson	REVIEWED BY:
REVISIONS	INIT. DATE

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

SEAL  

 KEITH M. MIMS  
 ENGINEER  
 02/13/2026  
 DATE

13-FEB-2026 12:53  
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 jhansen