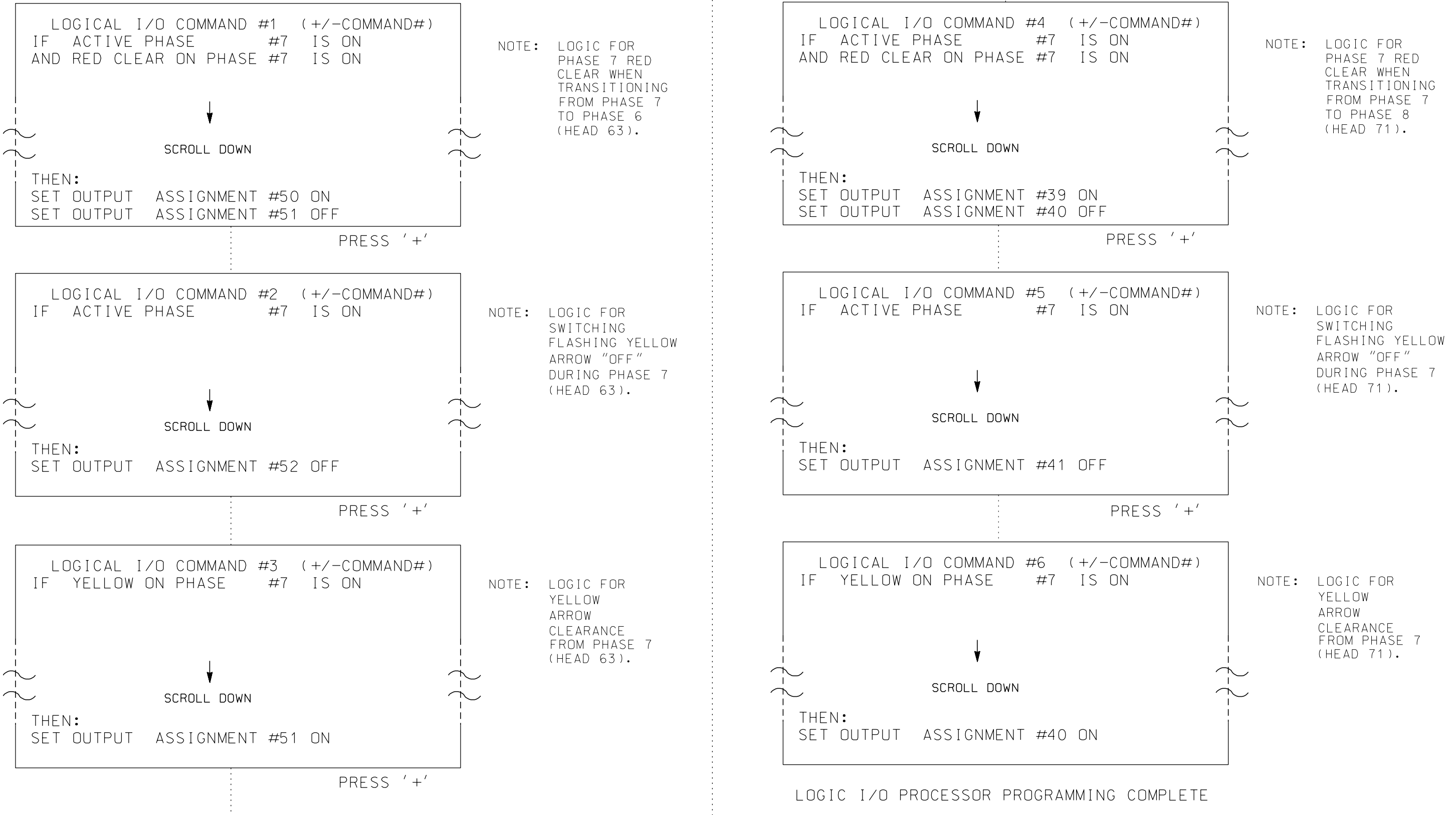


## LOGICAL I/O PROCESSOR PROGRAMMING DETAIL TO PRODUCE SPECIAL FYA-PPLT SIGNAL SEQUENCE

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



OUTPUT 39 = Over lap D Red
OUTPUT 40 = Over lap D Yellow
OUTPUT 41 = Over lap D Green
OUTPUT 50 = Over lap A Red
OUTPUT 51 = Over lap A Yellow
OUTPUT 52 = Over lap A Green

### 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.

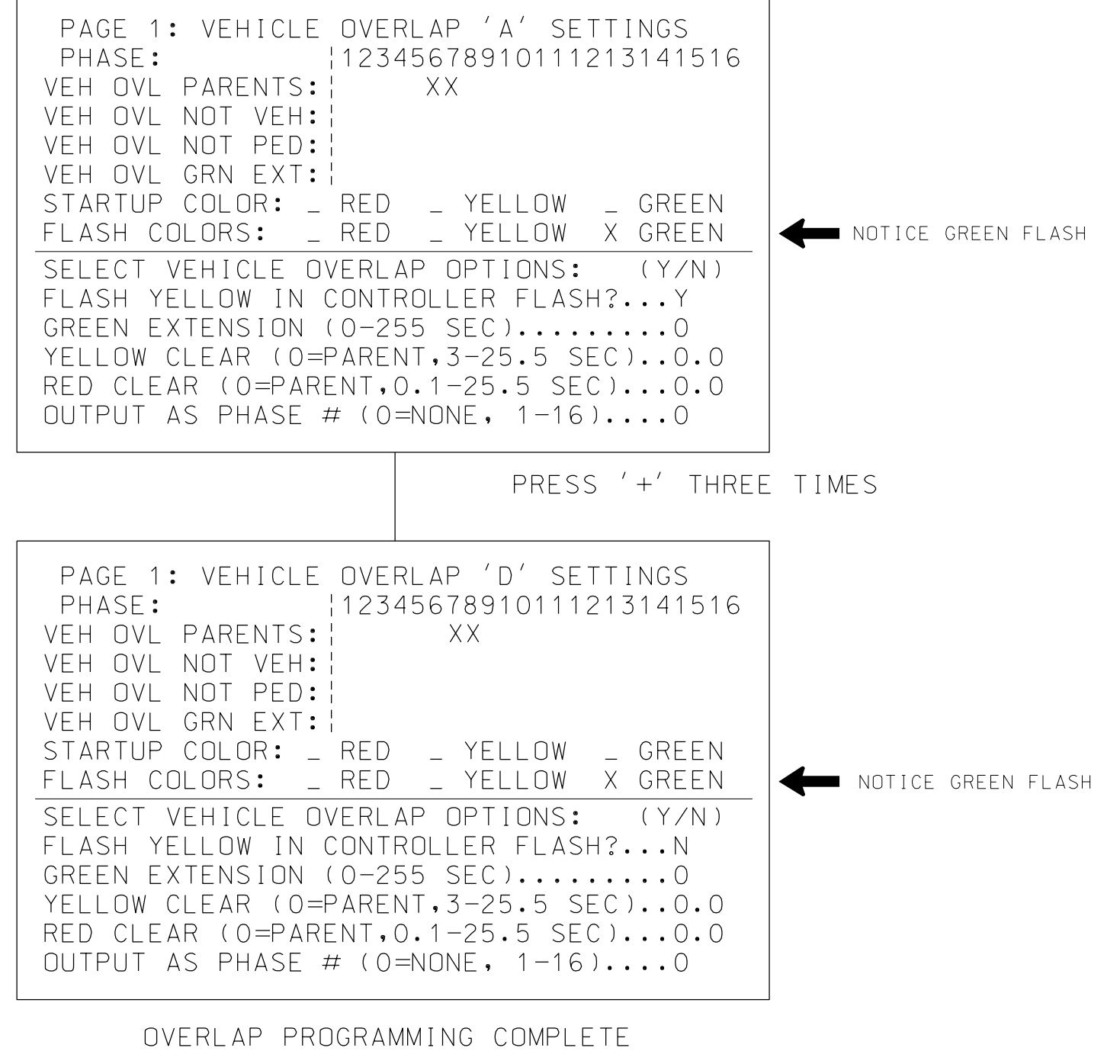
THE CHANGES LISTED ABOVE TIES ALL PHASES AND OVERLAPS TO FLASHER UNIT 1.

THIS ELECTRICAL DETAIL IS FOR  
THE SIGNAL DESIGN: 03-0019  
DESIGNED: May 2014  
SEALED: July 21, 2016  
REVISED:

## OVERLAP PROGRAMMING DETAIL

*(program controller as shown below)*

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



## PHASE 7 PROGRAMMING DETAIL

*(program controller as shown below)*

### CHANGING OUTPUT ASSIGNMENTS

1. FROM MAIN MENU SELECT '6' (OUTPUTS), THEN '1' (OUTPUT ASSIGNMENTS)
2. ENTER 14 (PHASE 1 RED) FOR OUTPUT ASSIGNMENT #.
3. SCROLL DOWN TO 'VEHICLE PHASE' AND ENTER 'Y' REGARDLESS OF DEFAULT PROGRAMMING
4. ENTER '7' FOR 'SELECT VEHICLE PHASE'. NO CHANGE NEEDED FOR 'SELECT COLOR'
5. BACKUP TO 'OUTPUT ASSIGNMENTS AND SETTINGS MENU:' BY PRESSING THE 'ESC' BUTTON ON KEYBOARD.
6. SELECT '1' (OUTPUT ASSIGNMENTS)
7. ENTER 15 (PHASE 1 YELLOW) FOR OUTPUT ASSIGNMENT #.
8. REPEAT STEPS # 3 THRU # 6.
9. ENTER 16 (PHASE 1 GREEN) FOR OUTPUT ASSIGNMENT #.
10. REPEAT STEPS # 3 AND # 4.

PROGRAMMING COMPLETE

Signal Upgrade - Final Design (Electrical Detail Sheet 2 of 2)

	<p><b>ELECTRICAL AND PROGRAMMING DETAILS FOR:</b> US 421 (Carolina Beach Road)/ US 421 Truck-SR 1436 (Front St) at US 421/SR 1140 (Burnett Blvd)</p> <p>Division 03 New Hanover County Wilmington</p> <p>PLAN DATE: May 2014 REVIEWED BY: LM Moon</p> <p>PREPARED BY: AM Encarnacion REVIEWED BY: MB Toth</p>	
<p>DocuSigned by: <b>Melissa B. Toth</b> 10/12/2016</p>		
<p>SIG. INVENTORY NO. 03-0019</p>		

13-SEP-2016 16:32 01:Transortati...Product:Transon...:vis:ton03:Gr:entf:el:d:Lake:Traffic:Signal:Des:gn:wr:ing:03-0019e.dgn BR0550 AT LUS20283