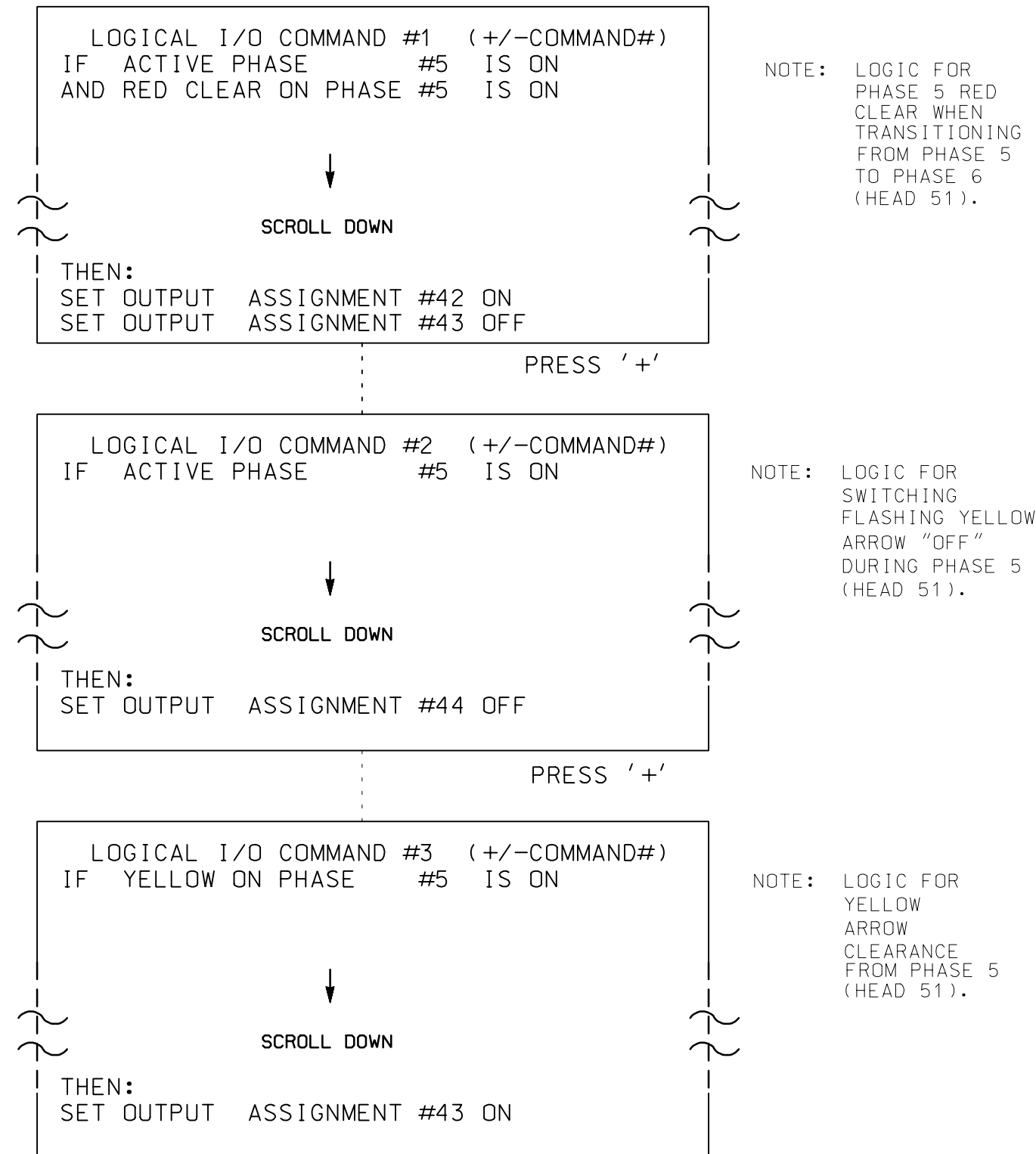


**LOGICAL I/O PROCESSOR PROGRAMMING DETAIL  
TO PRODUCE SPECIAL FYA-PPLT SIGNAL SEQUENCE**

(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).



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 'B' (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
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**

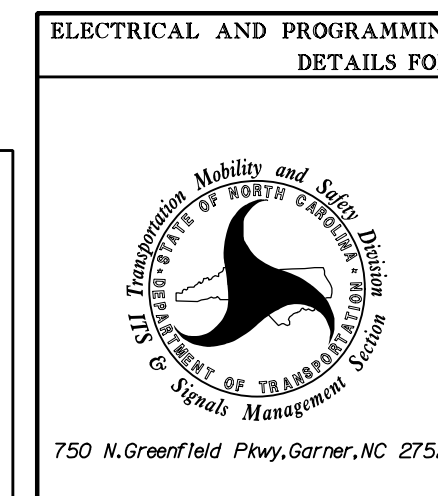
Countdown Ped Signals are required to display timing only during Ped Clearance Interval. Consult Ped Signal Module user's manual for instructions on selecting this feature.

NC Dept of Transportation  
Division of Highways  
Final Drawing Date: 7/10/2018  
DocuSigned by:  
*R. N. Zinsen*  
ITS & Signals Unit

This plan supersedes the one signed and sealed on 2/15/2017.

SIGNAL UPGRADE - ELECTRICAL DETAIL SHEET 2 OF 2

THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 14-0048  
DESIGNED: JULY 2018  
SEALED: 7/10/2018  
REVISED:



ELECTRICAL AND PROGRAMMING DETAILS FOR:		US 25 (Hendersonville Road) at SR1547 (Old Airport Road)/Ingles Market Entrance	
PLAN DATE:	July 2018	REVIEWED BY:	R Dubnicka
PREPARED BY:	J Trueblood	REVIEWED BY:	J Carroll
REVISIONS	INIT.	DATE	

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

SEAL

DocuSigned by:  
*Justin S. Small*  
7/10/2018  
SIGNATURE DATE  
SIG. INVENTORY NO. 14-0048