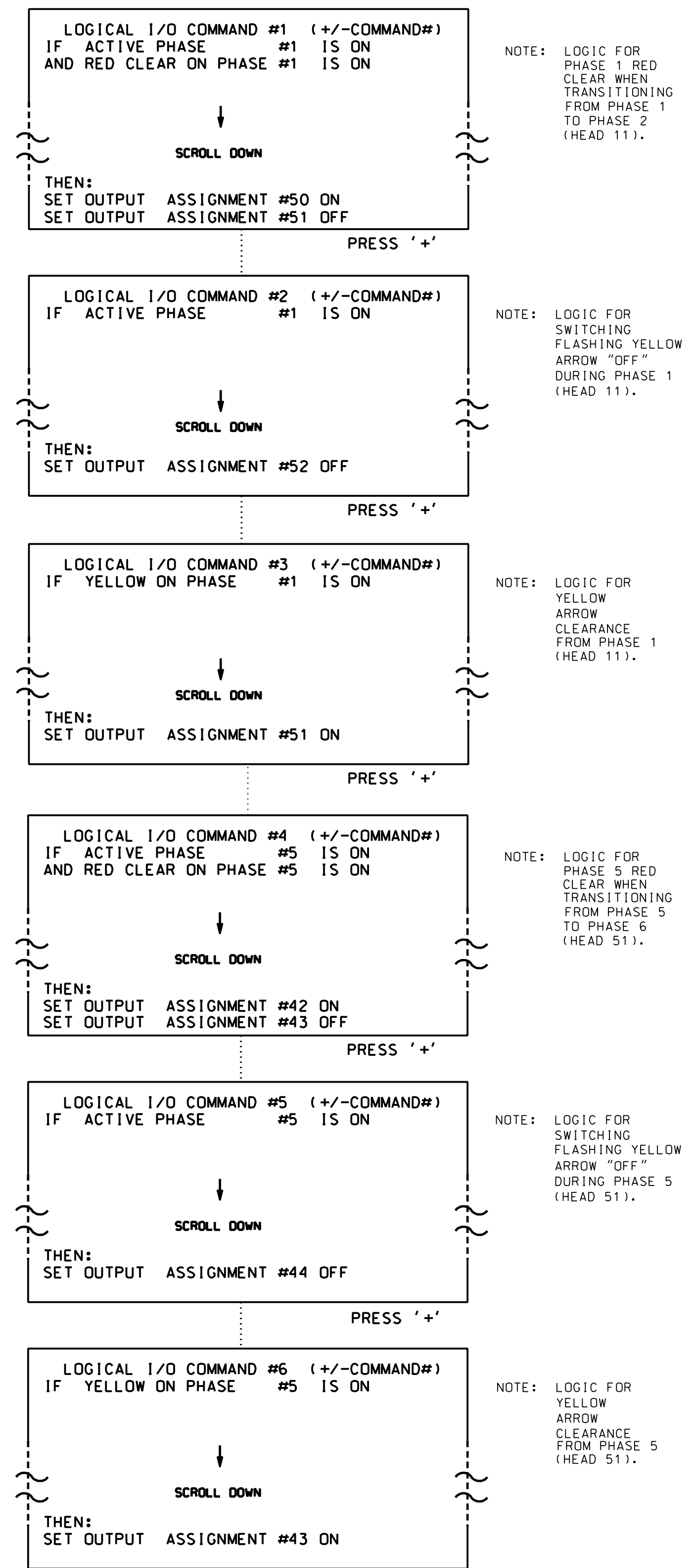


### LOGICAL I/O PROCESSOR PROGRAMMING DETAIL TO PRODUCE SPECIAL FYA-PPLT SIGNAL SEQUENCE

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

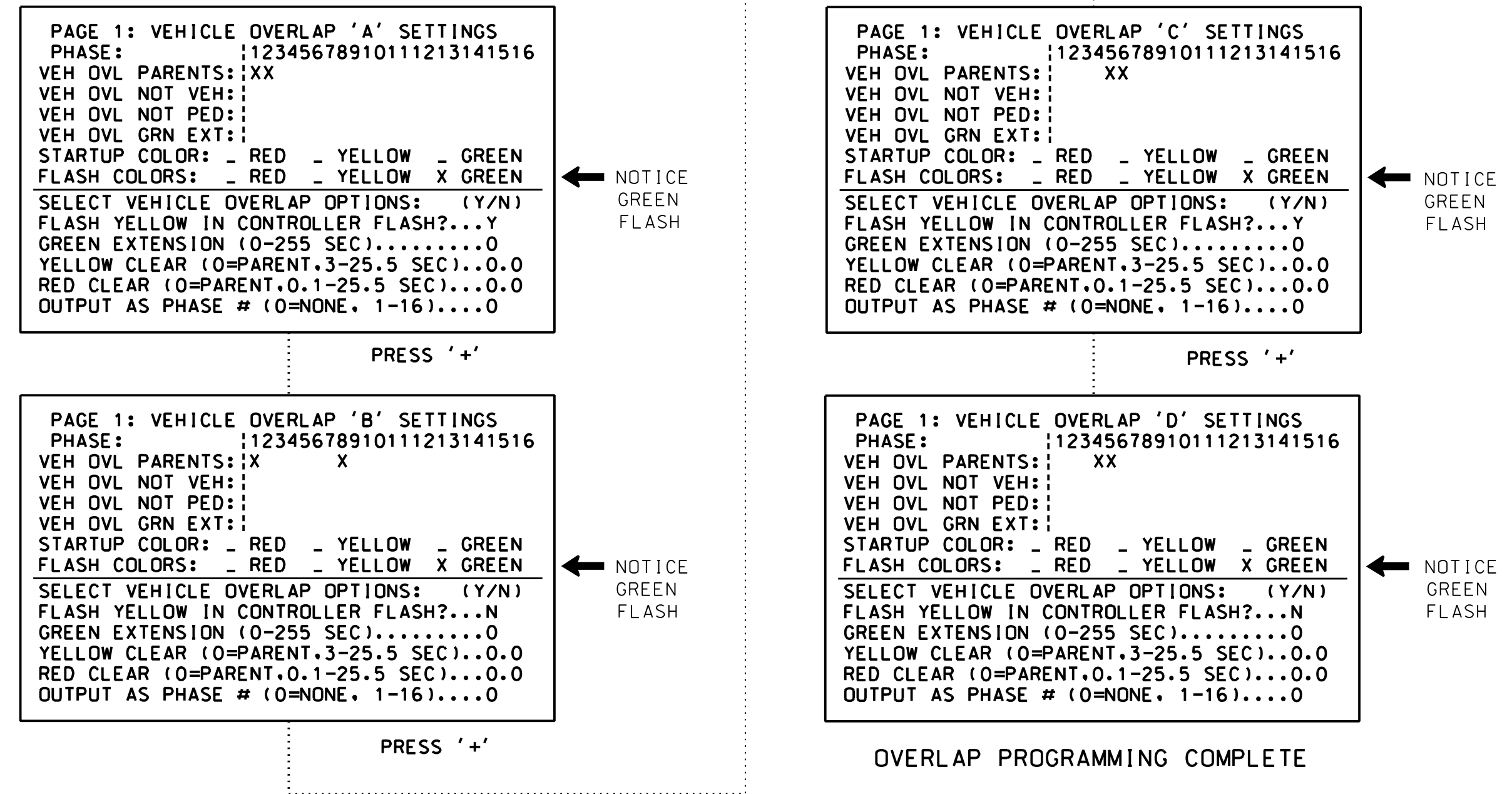


LOGIC I/O PROCESSOR PROGRAMMING COMPLETE

### OVERLAP PROGRAMMING DETAIL FOR DEFAULT PHASING

(program controller as shown below)

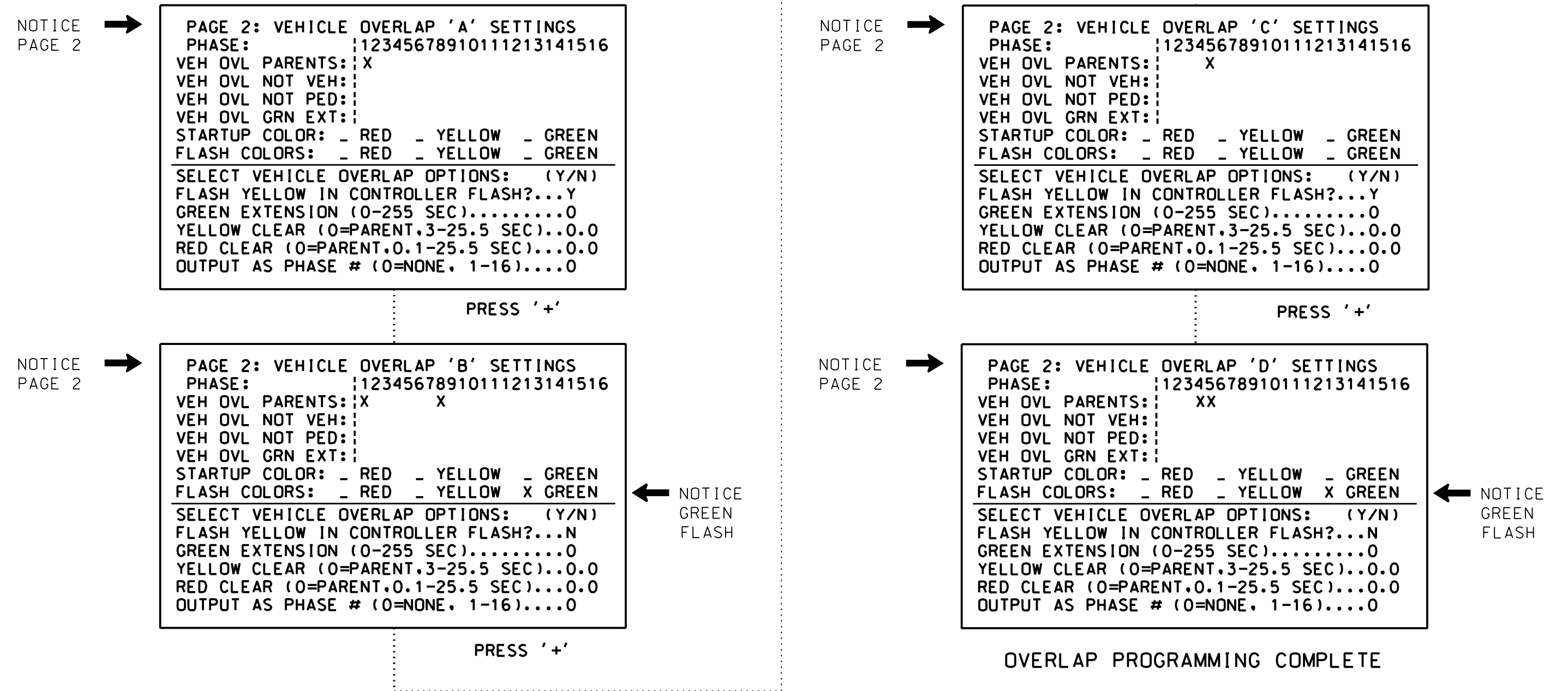
FROM MAIN MENU PRESS '8' (OVERLAPS), THEN '1' (VEHICLE OVERLAP SETTINGS).



### OVERLAP PROGRAMMING DETAIL FOR ALTERNATE PHASING

(program controller as shown below)

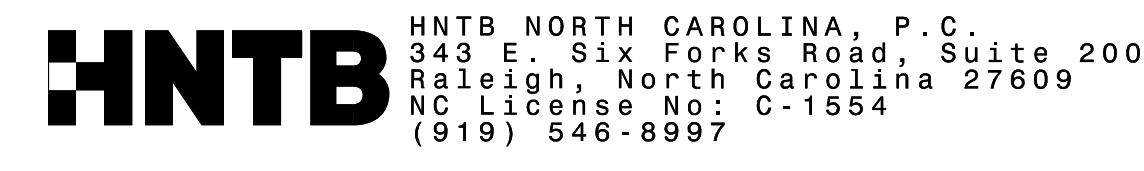
FROM MAIN MENU PRESS '8' (OVERLAPS), THEN '1' (VEHICLE OVERLAP SETTINGS). PRESS 'NEXT' TO ADVANCE TO PAGE 2.



**OUTPUT REFERENCE SCHEDULE**  
USE TO INTERPRET LOGIC PROCESSOR

|             |                  |
|-------------|------------------|
| OUTPUT 42 = | Overlap C Red    |
| OUTPUT 43 = | Overlap C Yellow |
| OUTPUT 44 = | Overlap C Green  |
| OUTPUT 50 = | Overlap A Red    |
| OUTPUT 51 = | Overlap A Yellow |
| OUTPUT 52 = | Overlap A Green  |

THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 03-0977  
DESIGNED: June 2017  
SEALED: 9/10/2021  
REVISED: N/A



Electrical Detail - Sheet 2 of 5  
Signal Upgrade  
Final Design

**DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED**

|                                   |  |  |
|-----------------------------------|--|--|
|                                   | NC 211 (Southport-Supply Road)<br>at<br>St. James Drive<br>Division 03 Brunswick Co. Southport |  |
|                                   | PLAN DATE: June 2017<br>PREPARED BY: A.H. Thornburg  | REVIEWED BY: A.D. Klinksiek<br>REVIEWED BY: N.R. Simmons |
| REVISIONS                         | INIT.  | DATE   |
| Signature: <i>Natasha Simmons</i> |  | DATE: 9/10/2021  |
| SIGNATURE                         |  | DATE   |
| SIG. INVENTORY NO. 03-0977        |  |  |