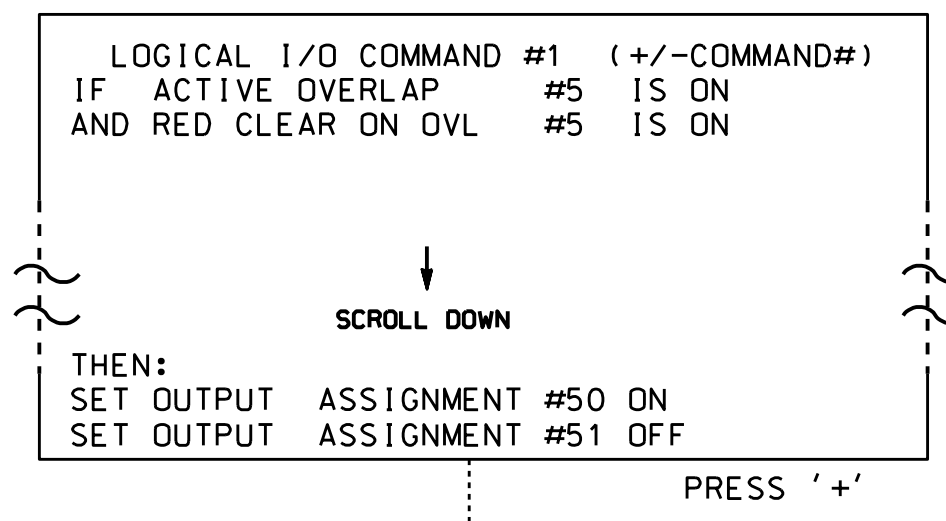


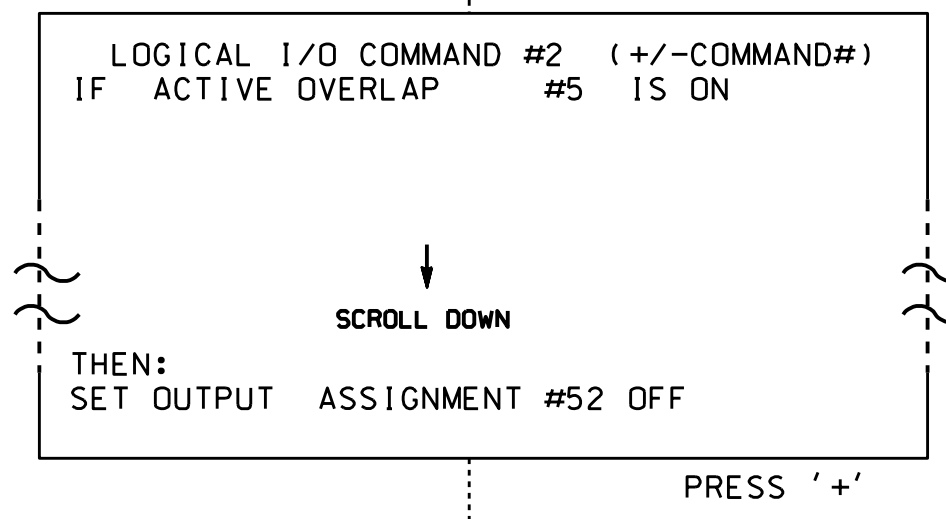
LOGICAL I/O PROCESSOR PROGRAMMING DETAIL TO PRODUCE SPECIAL FYA-PPLT SIGNAL SEQUENCE

(program controller as shown below)

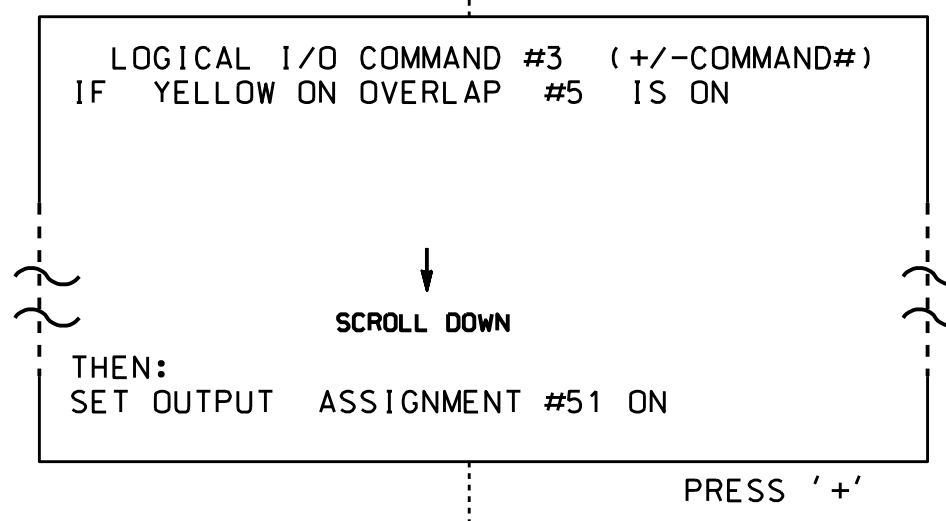
1. FROM MAIN MENU PRESS '2' (PHASE CONTROL), THEN '1' (PHASE CONTROL FUNCTIONS). SCROLL TO THE BOTTOM OF THE MENU AND ENABLE ACT LOGIC COMMANDS 1, 2, 3, 4, 5 AND 6.
2. FROM MAIN MENU PRESS '6' (OUTPUTS), THEN '3' (LOGICAL I/O PROCESSOR).



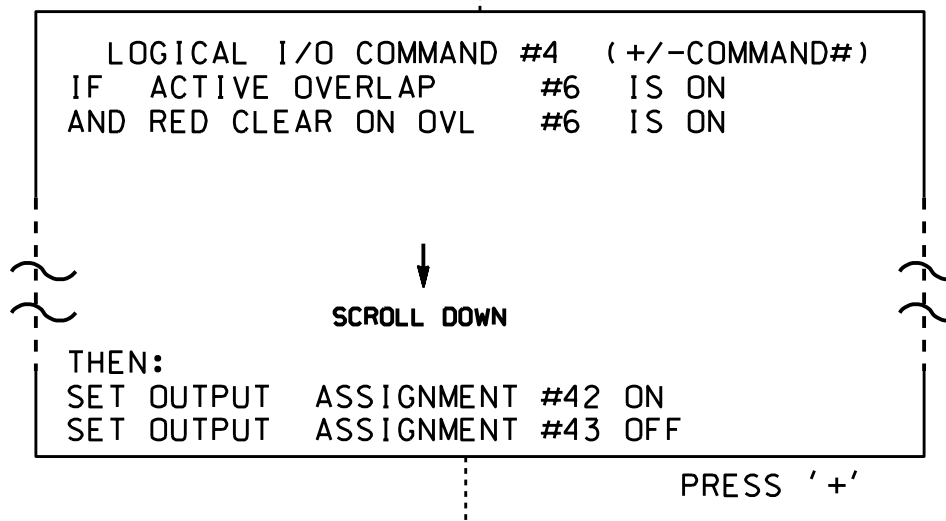
NOTE: LOGIC FOR PHASE 1 RED CLEAR WHEN TRANSITIONING FROM PHASE 1 OR PHASE 4 TO PHASE 2 (HEAD 11).



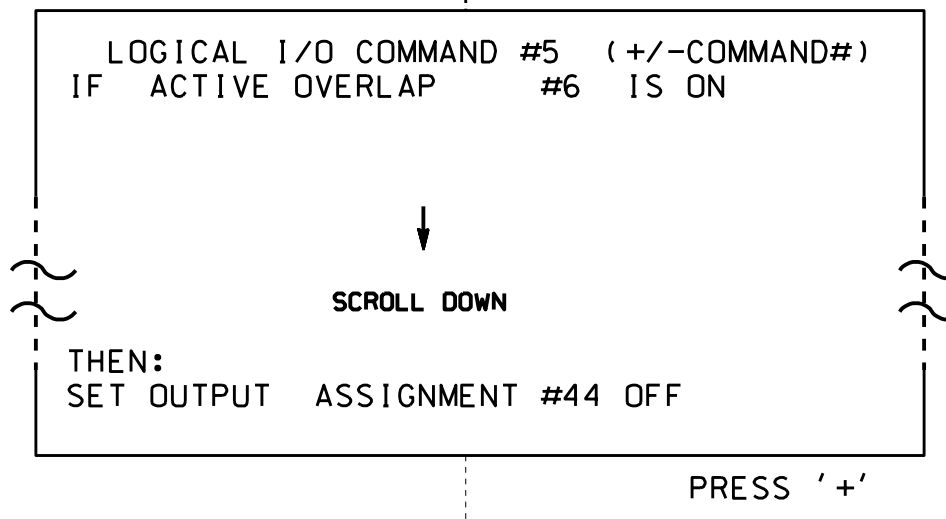
NOTE: LOGIC FOR SWITCHING FLASHING YELLOW ARROW "OFF" DURING PHASE 1 OR PHASE 4 (HEAD 11).



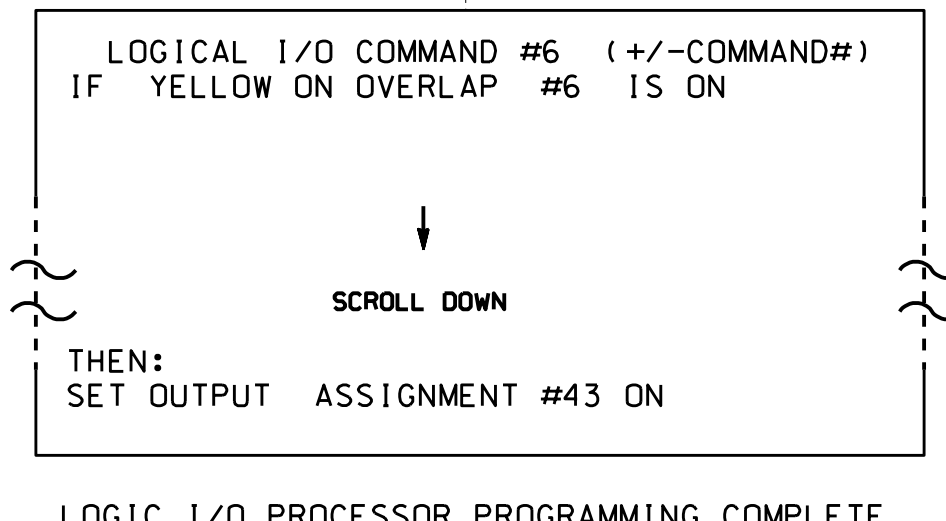
NOTE: LOGIC FOR YELLOW ARROW CLEARANCE FROM PHASE 1 OR PHASE 4 (HEAD 11).



NOTE: LOGIC FOR PHASE 5 RED CLEAR WHEN TRANSITIONING FROM PHASE 5 OR PHASE 3 TO PHASE 6 (HEAD 51).



NOTE: LOGIC FOR SWITCHING FLASHING YELLOW ARROW "OFF" DURING PHASE 5 OR PHASE 3 (HEAD 51).



NOTE: LOGIC FOR YELLOW ARROW CLEARANCE FROM PHASE 5 OR PHASE 3 (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 |
| OUTPUT 50 | = Overlap A Red |
| OUTPUT 51 | = Overlap A Yellow |
| OUTPUT 52 | = Overlap A Green |

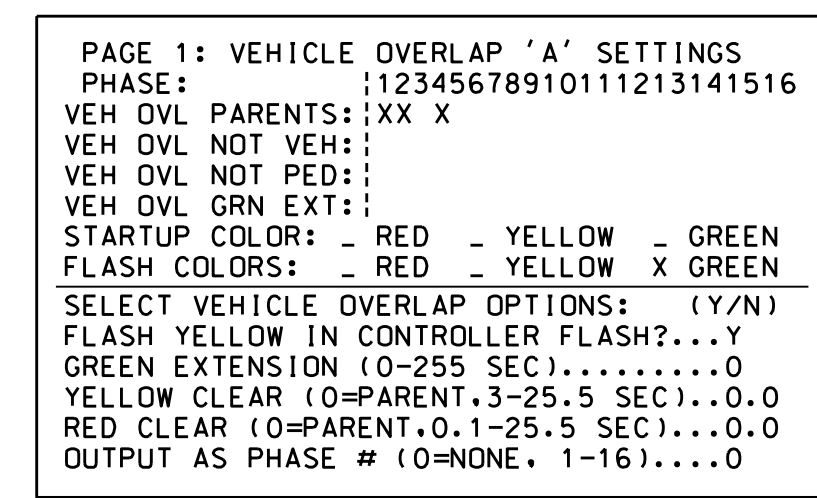
NOTES

Overlap 5 = Overlap E (signal head 11 green arrow)
Overlap 6 = Overlap F (signal head 51 green arrow)

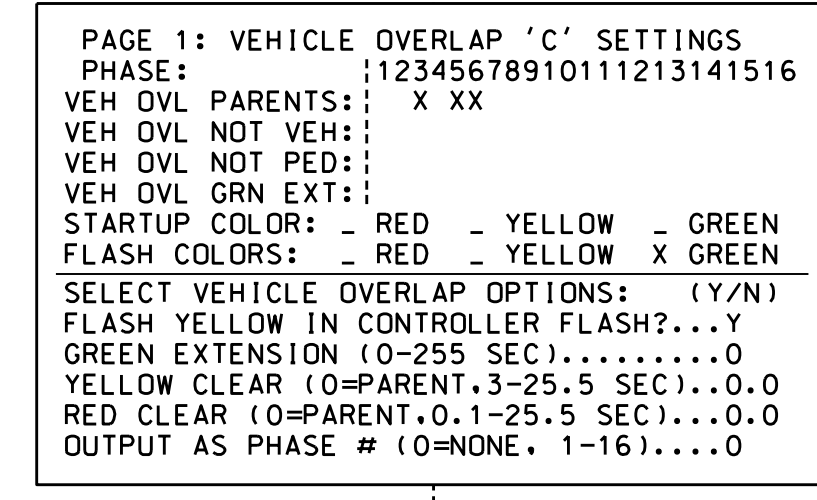
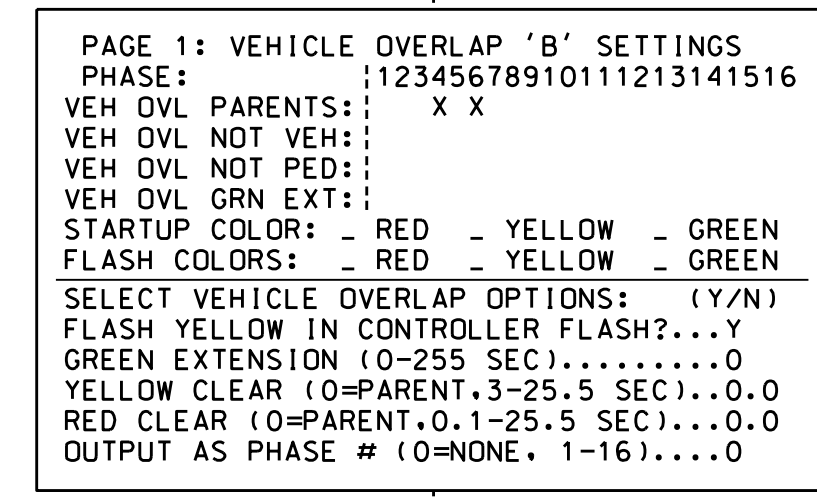
OVERLAP PROGRAMMING DETAIL

(program controller as shown below)

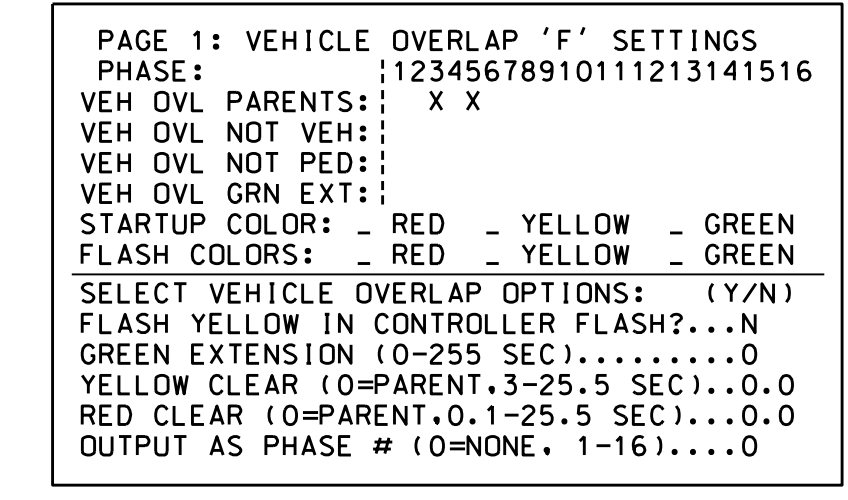
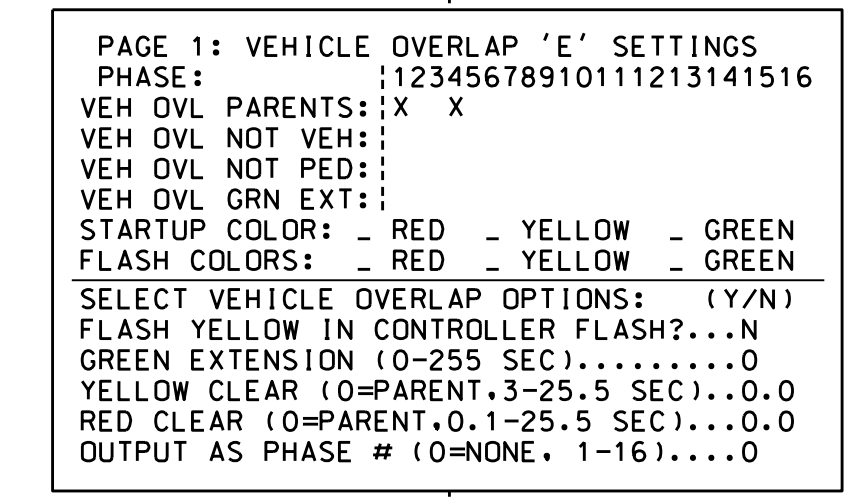
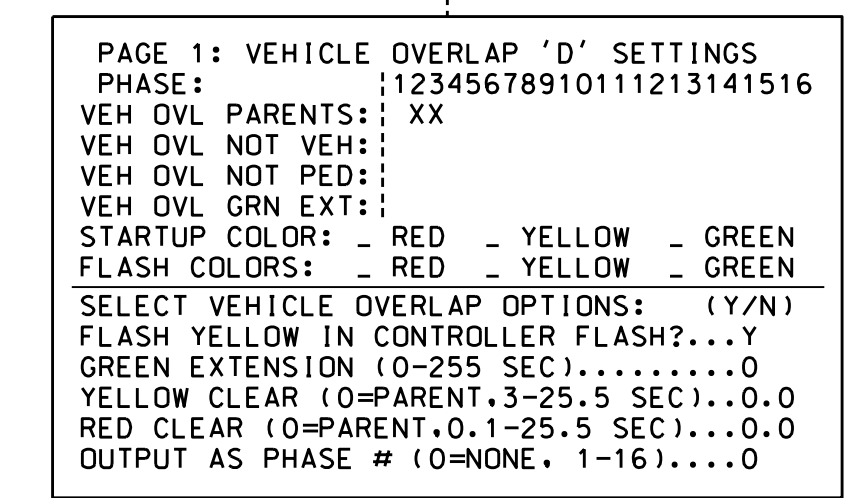
FROM MAIN MENU PRESS '8' (OVERLAPS), THEN '1' (VEHICLE OVERLAP SETTINGS).



NOTICE GREEN FLASH




NOTICE GREEN FLASH



OVERLAP PROGRAMMING COMPLETE

THIS ELECTRICAL DETAIL IS FOR
THE SIGNAL DESIGN: 06-0244
DESIGNED: July 2015
SEALED: 8/25/15
REVISED: N/A

Signal Upgrade - Sheet 2 of 3

| | | |
|---|--|--|
|  <p>750 N. Greenfield Pkwy, Garner, NC 27529</p> | <p>Electrical and Programming Details For:</p> <p>NC 24 (Bragg Boulevard) at US 401 Bus. NC 87 (MLK Freeway) Ramps</p> <p>Division 6 Cumberland County Fayetteville</p> <p>PLAN DATE: July 2015 REVIEWED BY:</p> <p>PREPARED BY: B. SIMMONS REVIEWED BY:</p> <p>REVISIONS INIT. DATE</p> | <p>SEAL</p> <p>PROFESSIONAL ENGINEER</p> <p>SEAL 022013</p> <p>ENGINEER</p> <p>GEORGE C. BROWN</p> <p>DocuSigned by: George C. Brown 8/27/2015</p> <p>SIG. INVENTORY NO. 06-0244</p> |
|---|--|--|

06-0244-01E_08.rvt S:\Projects\Signal\Signal Upgrade\Working Folder\Electrical\Detail\Signal\06-0244-smc.ele_xxx.dgn