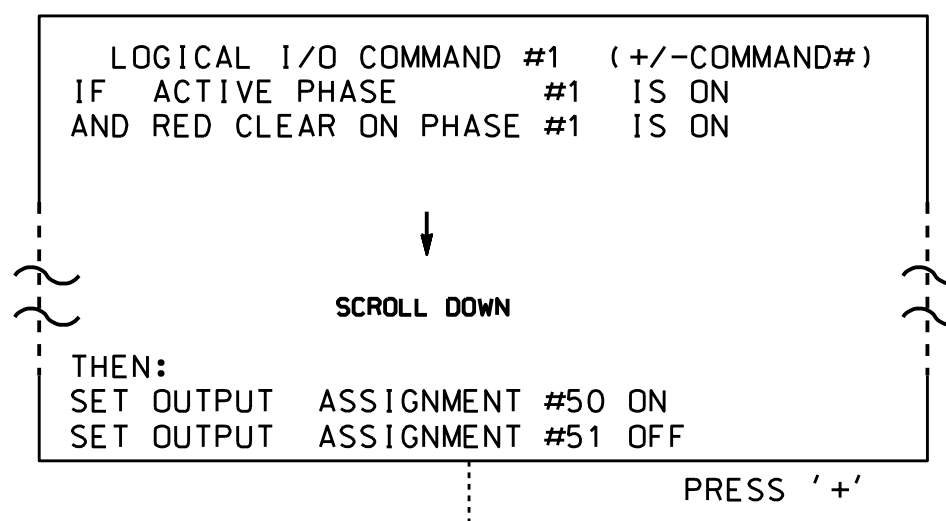


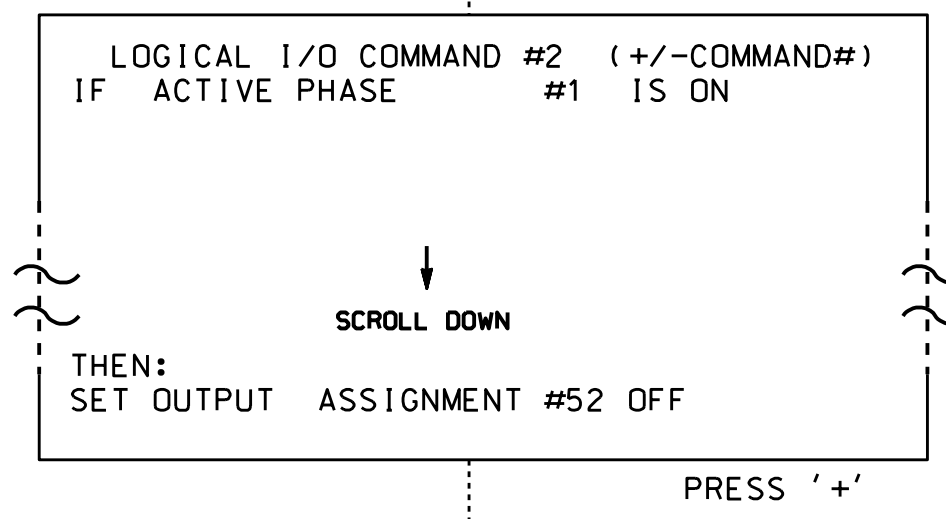
LOGICAL I/O PROCESSOR PROGRAMMING DETAIL TO PRODUCE SPECIAL FYA-PPLT SIGNAL SEQUENCE

(program controller as shown below)

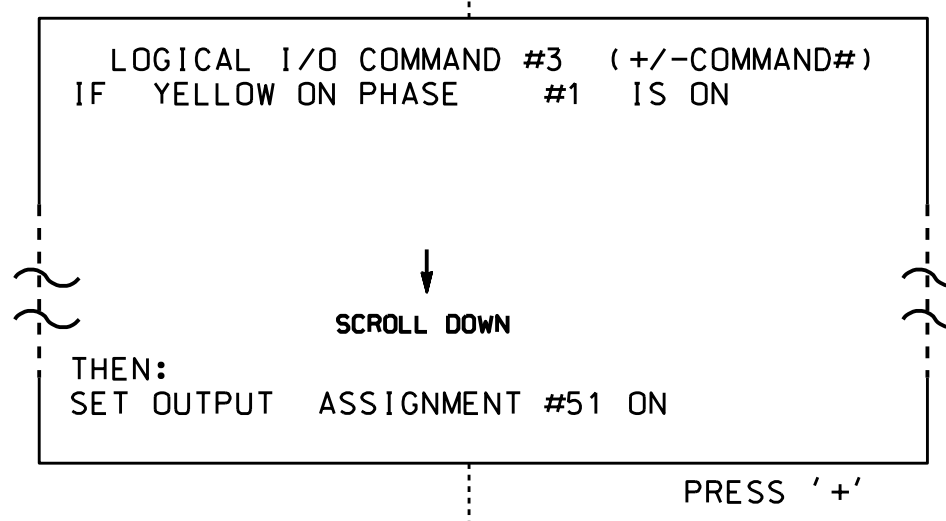
1. FROM MAIN MENU PRESS '2' (PHASE CONTROL), THEN '1' (PHASE CONTROL FUNCTIONS). SCROLL TO THE BOTTOM OF THE MENU AND ENABLE ACT LOGIC COMMANDS 1, 2, 3, 4, 5 AND 6.
2. FROM MAIN MENU PRESS '6' (OUTPUTS), THEN '3' (LOGICAL I/O PROCESSOR).



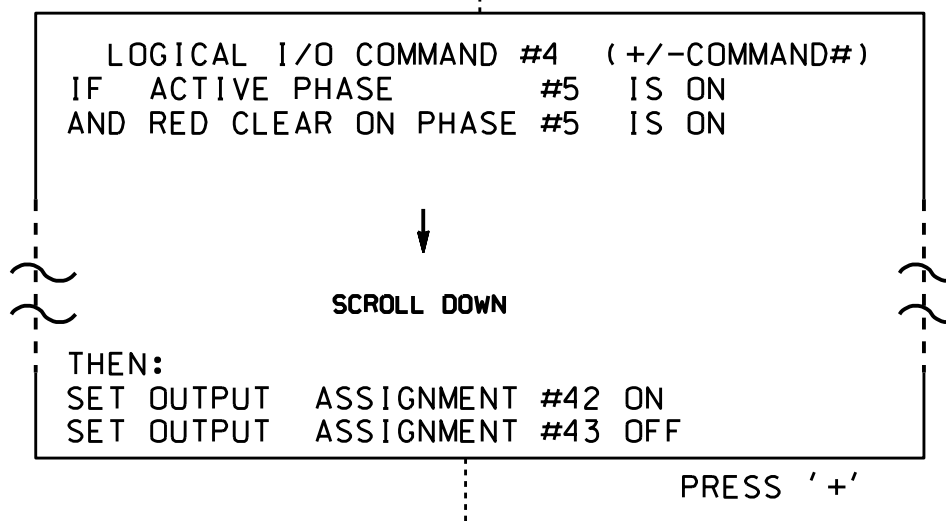
NOTE: LOGIC FOR PHASE 1 RED CLEAR WHEN TRANSITIONING FROM PHASE 1 TO PHASE 2 (HEAD 11).



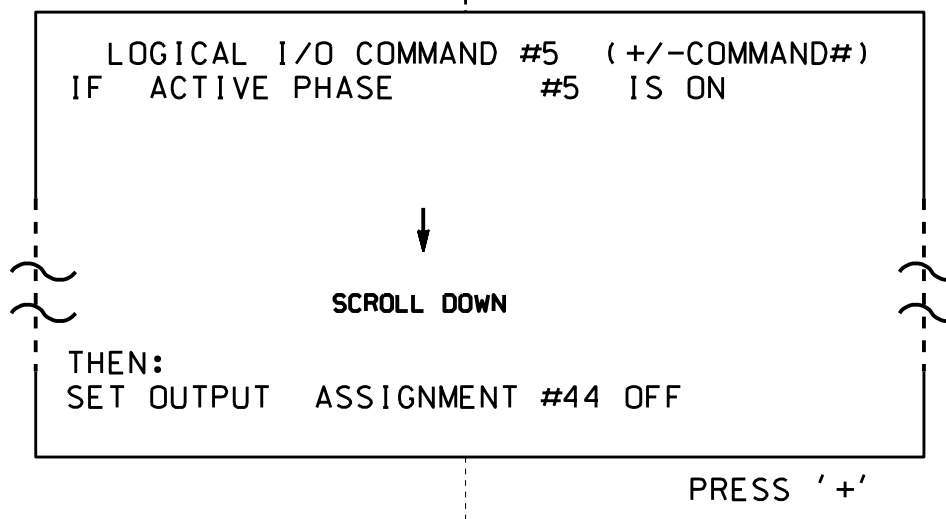
NOTE: LOGIC FOR SWITCHING FLASHING YELLOW ARROW "OFF" DURING PHASE 1 (HEAD 11).



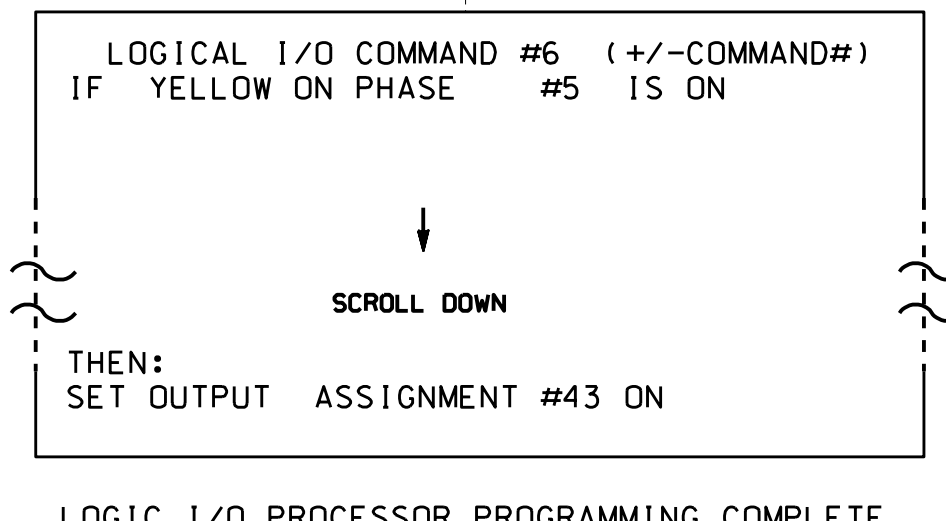
NOTE: LOGIC FOR YELLOW ARROW CLEARANCE FROM PHASE 1 (HEAD 11).



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



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



NOTE: LOGIC FOR YELLOW ARROW CLEARANCE FROM PHASE 5 (HEAD 51).

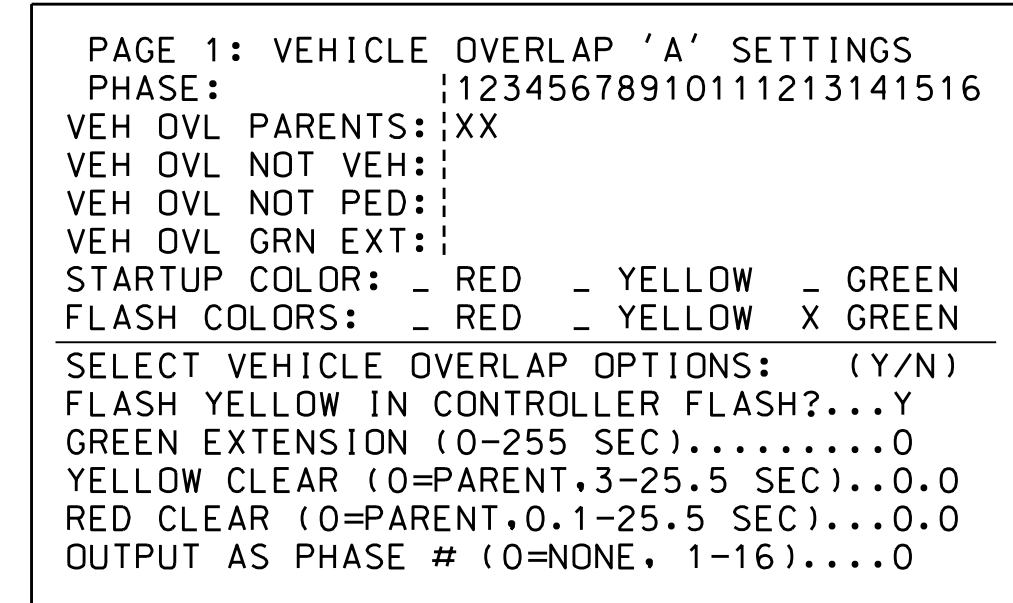
LOGIC I/O PROCESSOR PROGRAMMING COMPLETE

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

OVERLAP PROGRAMMING DETAIL

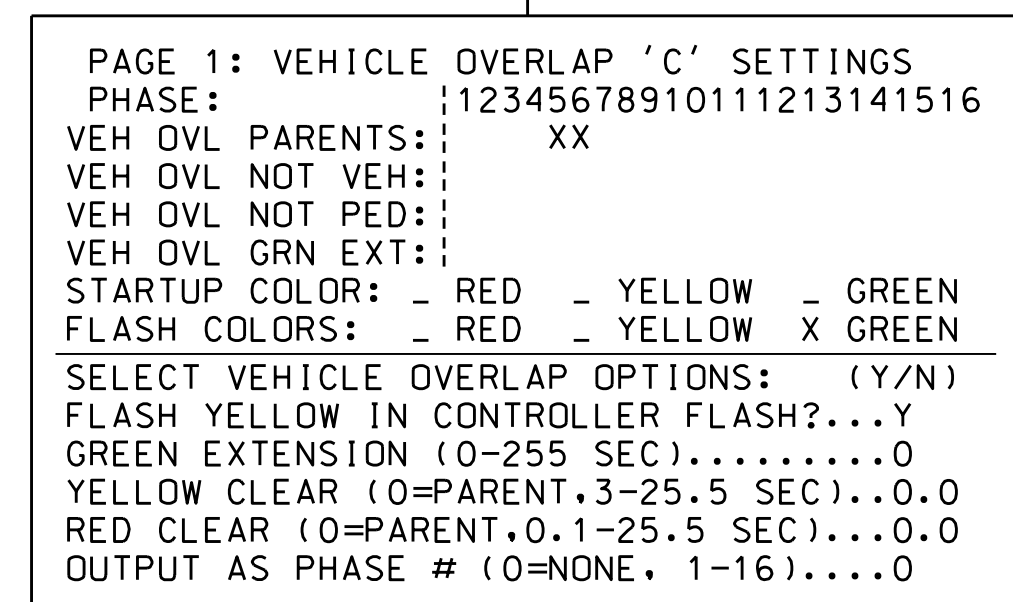
(program controller as shown below)

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



← NOTICE GREEN FLASH

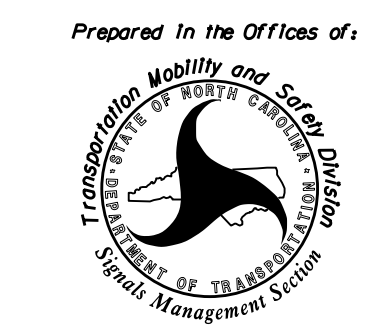
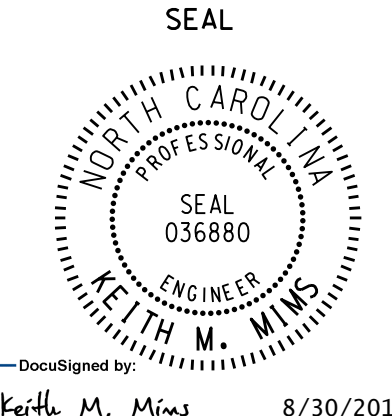
PRESS '+' TWICE



← NOTICE GREEN FLASH

OVERLAP PROGRAMMING COMPLETE

THIS ELECTRICAL DETAIL IS FOR
THE SIGNAL DESIGN: 13-0136
DESIGNED: November 2015
SEALED: 8-10-16
REVISED: N/A

ELECTRICAL DETAIL SHEET 2 OF 2		DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED										
<p style="font-size: small;">ELECTRICAL AND PROGRAMMING DETAILS FOR:</p> <p style="text-align: center;">US 25 (McDowell Street) at Short McDowell Street/ Saint Dunstons Road</p> <p style="font-size: x-small;">Prepared In the Offices of:  750 N. Greenfield Pkwy, Garner, NC 27529</p>	<p style="font-size: x-small;">Division 13 Buncombe County Asheville</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; font-size: x-small;">PLAN DATE: June 2016</td> <td style="width: 50%; font-size: x-small;">REVIEWED BY: DTJ</td> </tr> <tr> <td style="font-size: x-small;">PREPARED BY: James Peterson</td> <td style="font-size: x-small;">REVIEWED BY:</td> </tr> </table> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 80%; font-size: x-small;">REVISIONS</th> <th style="width: 10%; font-size: x-small;">INIT.</th> <th style="width: 10%; font-size: x-small;">DATE</th> </tr> </thead> <tbody> <tr> <td style="height: 20px;"> </td> <td> </td> <td> </td> </tr> </tbody> </table>	PLAN DATE: June 2016	REVIEWED BY: DTJ	PREPARED BY: James Peterson	REVIEWED BY:	REVISIONS	INIT.	DATE				<p style="font-size: x-small;">SEAL</p>  <p style="font-size: x-small;">DocuSigned by: Keith M. Mims 8/30/2016 2F8078E82A243E DATE</p> <p style="font-size: x-small;">SIG. INVENTORY NO. 13-0136</p>
PLAN DATE: June 2016	REVIEWED BY: DTJ											
PREPARED BY: James Peterson	REVIEWED BY:											
REVISIONS	INIT.	DATE										

30-400-2016_08-29
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J. Peterson