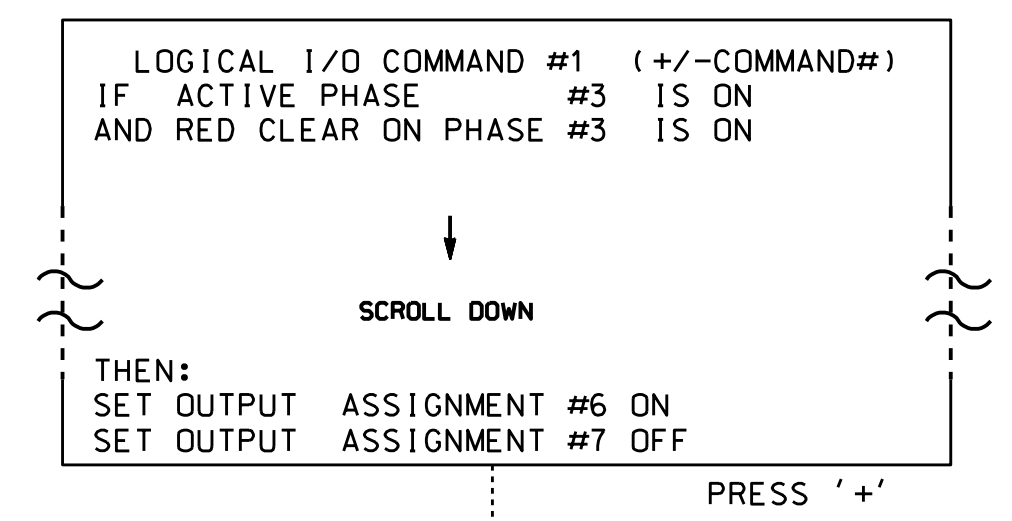


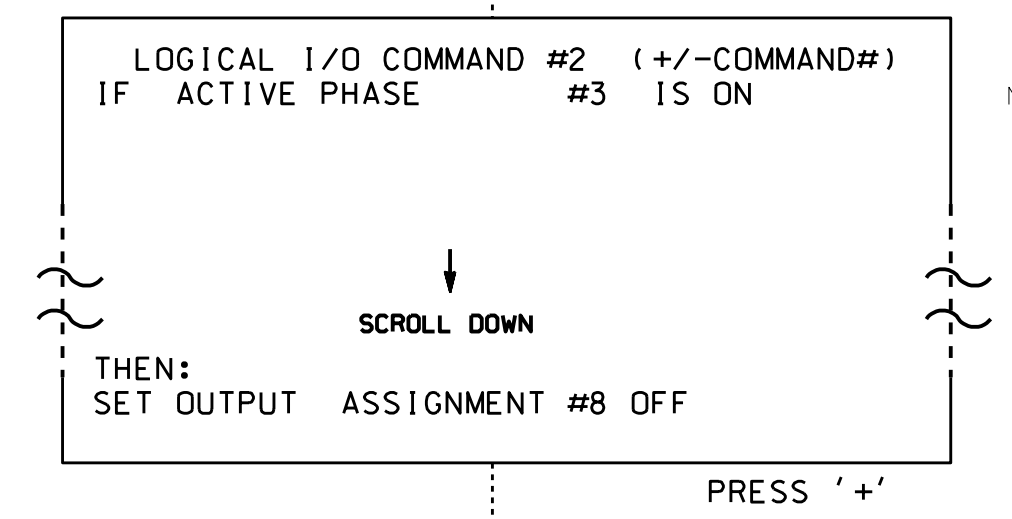
LOGICAL I/O PROCESSOR PROGRAMMING DETAIL TO PRODUCE SPECIAL FYA-PPLT SIGNAL SEQUENCE

(program controller as shown below)

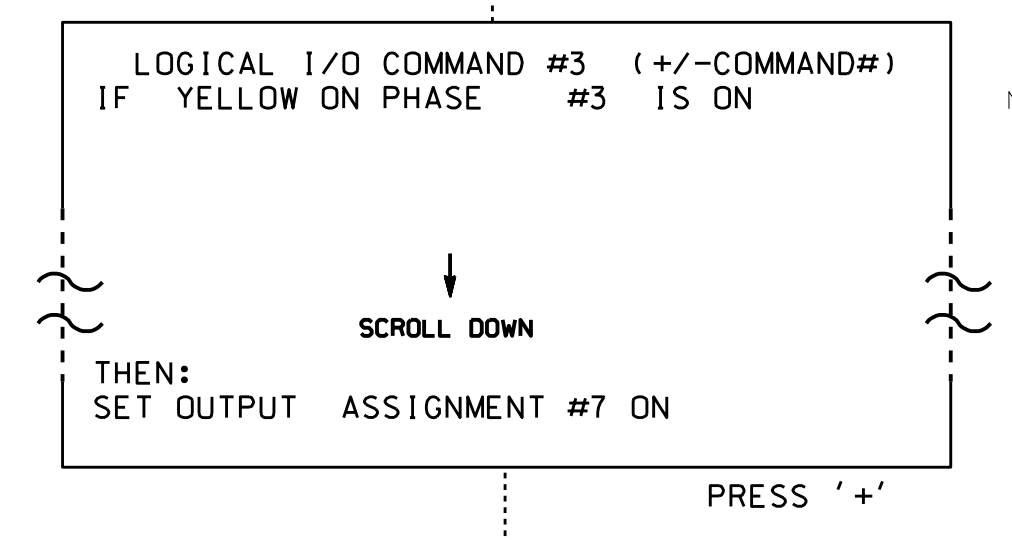
- FROM MAIN MENU PRESS '2' (PHASE CONTROL), THEN '1' (PHASE CONTROL FUNCTIONS). SCROLL TO THE BOTTOM OF THE MENU AND ENABLE ACT LOGIC COMMANDS 1, 2, 3, 4, 5, AND 6.
- FROM MAIN MENU PRESS '6' (OUTPUTS), THEN '3' (LOGICAL I/O PROCESSOR).



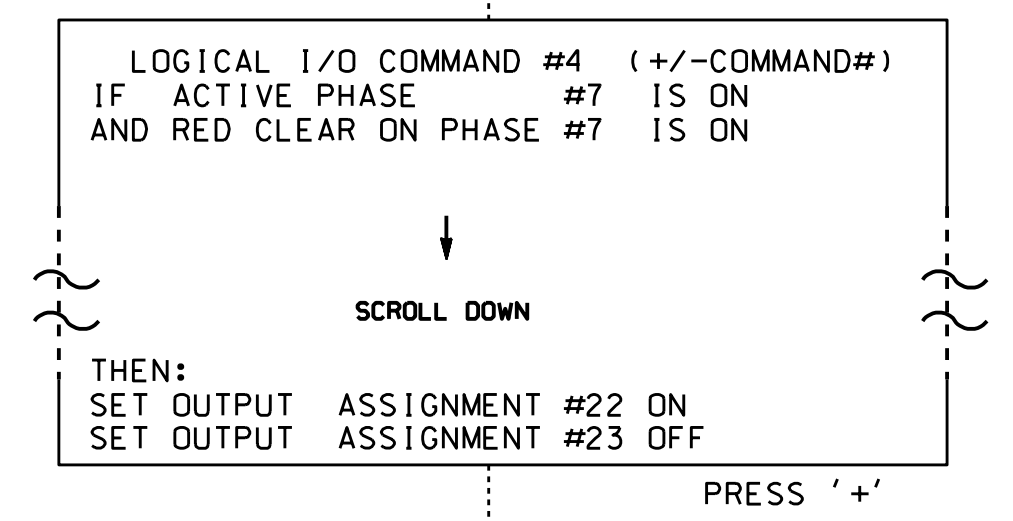
NOTE: LOGIC FOR PHASE 3 RED CLEAR WHEN TRANSITIONING FROM PHASE 3 TO PHASE 4 (HEAD 31).



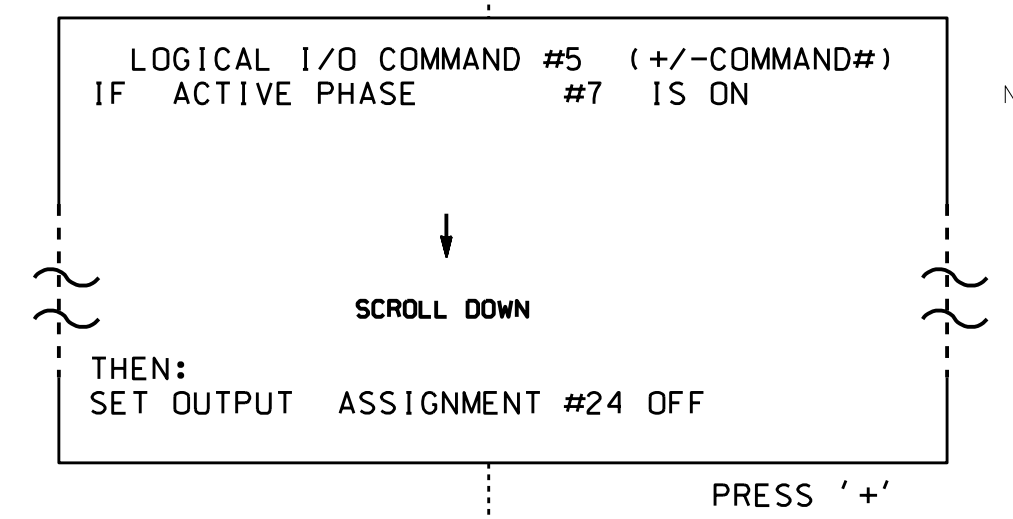
NOTE: LOGIC FOR SWITCHING FLASHING YELLOW ARROW "OFF" DURING PHASE 3 (HEAD 31).



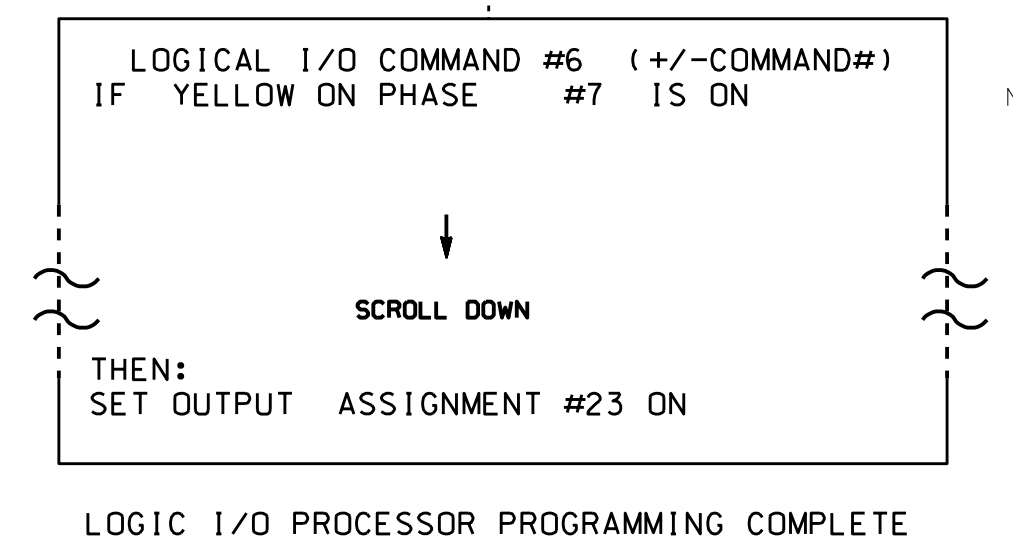
NOTE: LOGIC FOR YELLOW ARROW CLEARANCE FROM PHASE 3 (HEAD 31).



NOTE: LOGIC FOR PHASE 7 RED CLEAR WHEN TRANSITIONING FROM PHASE 7 TO PHASE 8 (HEAD 71).



NOTE: LOGIC FOR SWITCHING FLASHING YELLOW ARROW "OFF" DURING PHASE 7 (HEAD 71).



NOTE: LOGIC FOR YELLOW ARROW CLEARANCE FROM PHASE 7 (HEAD 71).

LOGIC I/O PROCESSOR PROGRAMMING COMPLETE

OUTPUT REFERENCE SCHEDULE

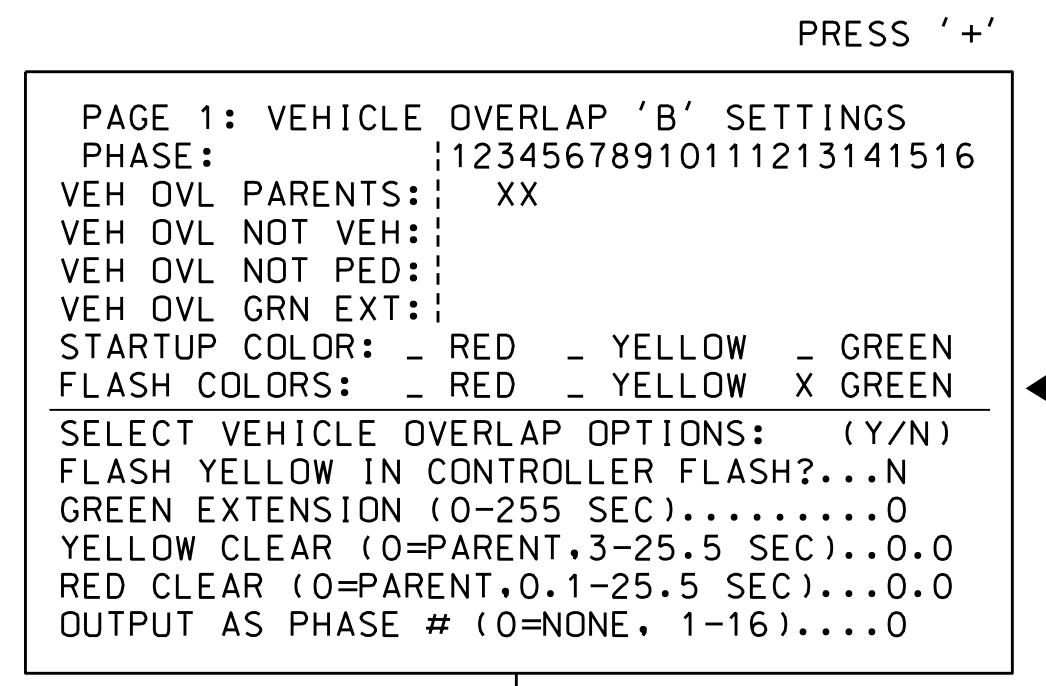
- OUTPUT 6 = Overlap B Red
- OUTPUT 7 = Overlap B Yellow
- OUTPUT 8 = Overlap B Green
- OUTPUT 22 = Overlap D Red
- OUTPUT 23 = Overlap D Yellow
- OUTPUT 24 = Overlap D Green
- OUTPUT 35 = Phase 3 Green
- OUTPUT 36 = Phase 7 Green

Note: All outputs shown above have been remapped. See sheets 3 and 4 of this electrical detail.

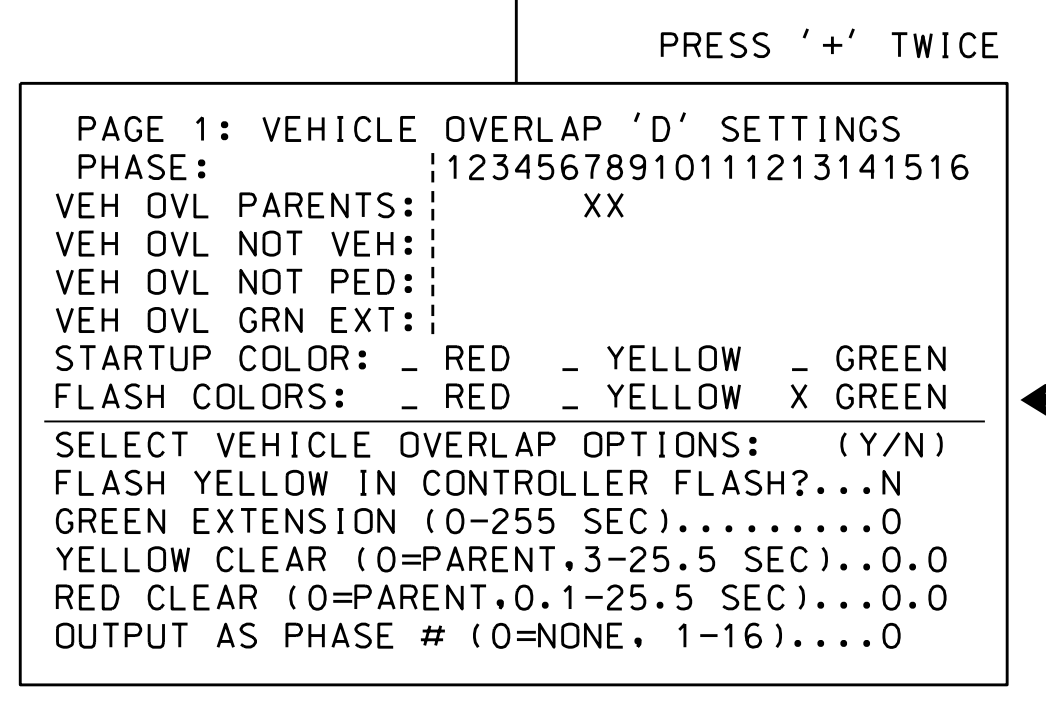
OVERLAP PROGRAMMING DETAIL

(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


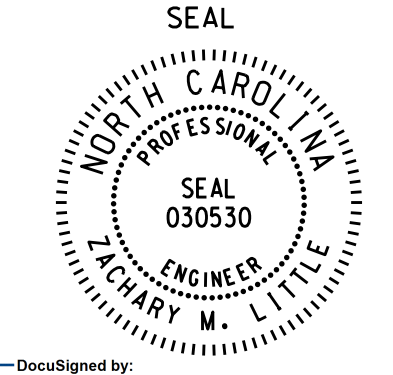
COUNTDOWN PEDESTRIAN SIGNAL OPERATION

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.

THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 13-0248
DESIGNED: February 2016
SEALED: 12/16/2016
REVISED: N/A

Electrical Detail - Sheet 2 of 4

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

	DETAILS FOR: US 25/SR 3214 (Biltmore Ave.) at US 25 (Southside Ave.)/ Charlotte Street		
	Division 13 PLAN DATE: December 2016 PREPARED BY: S. Armstrong	Buncombe County REVIEWED BY: BAS REVIEWED BY:	
REVISIONS		INIT.	DATE
750 N. Greenfield Pkwy, Garner, NC 27529		DocuSigned by: Cary M. Little 12/20/2016 DATE: 12/20/2016 SIG. INVENTORY NO. 13-0248	

2016-02-24 10:39
 C:\Users\armstrong\Documents\Signal Management\130248_Sig_Elec_Sheet_02.dgn
 armstrong