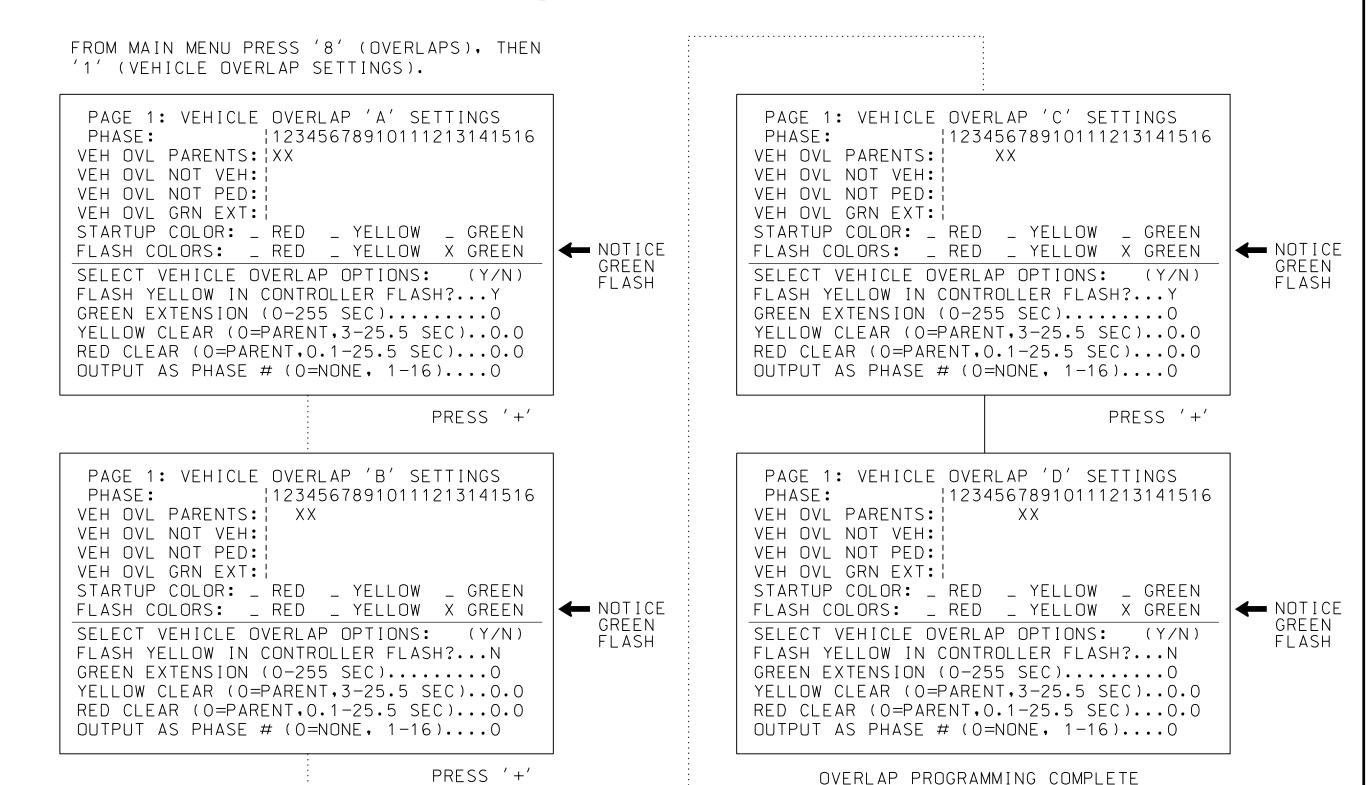
PROJECT REFERENCE NO. SHEET NO. SIG-5.2 U-5935

OVERLAP PROGRAMMING DETAIL

(program controller as shown below)

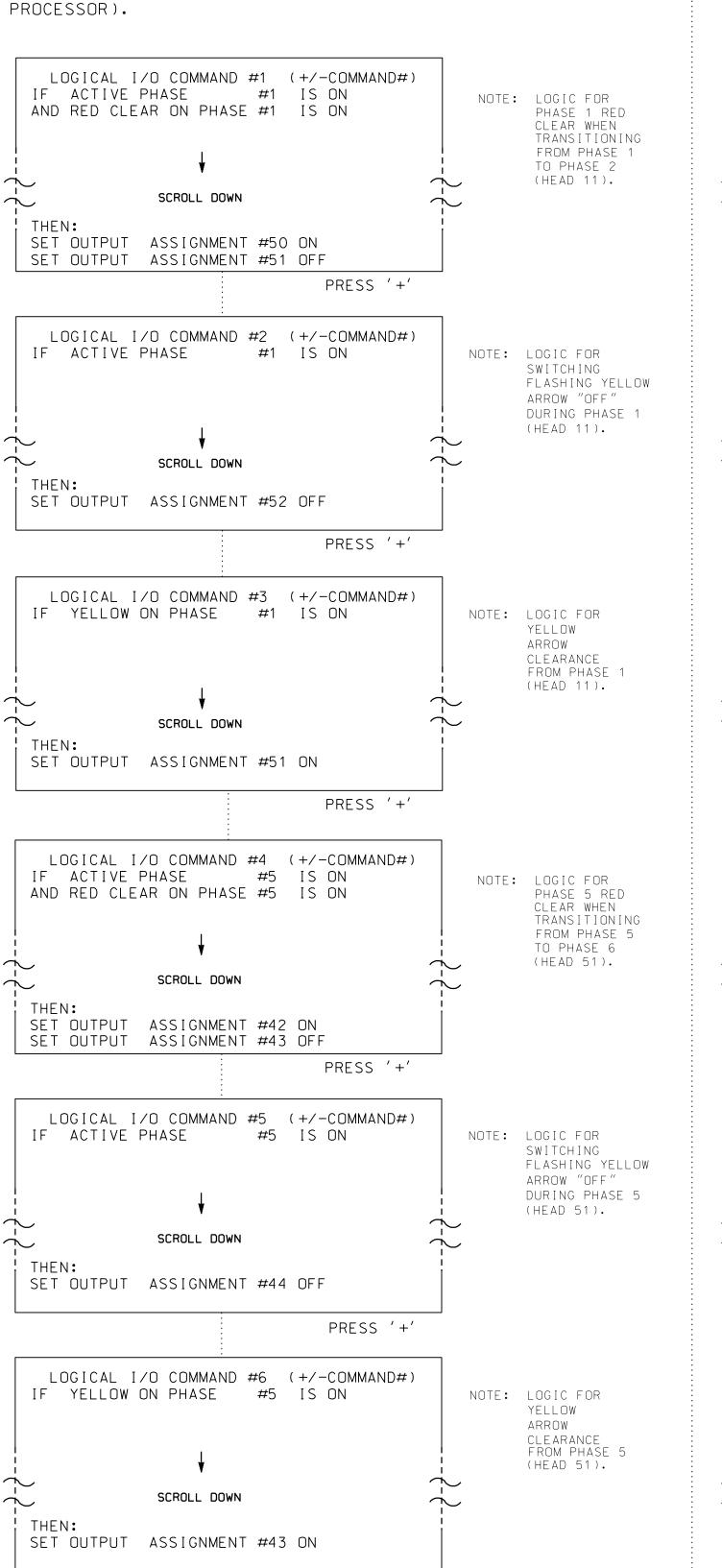


LOGICAL I/O PROCESSOR PROGRAMMING DETAIL TO PRODUCE SPECIAL FYA-PPLT SIGNAL SEQUENCE

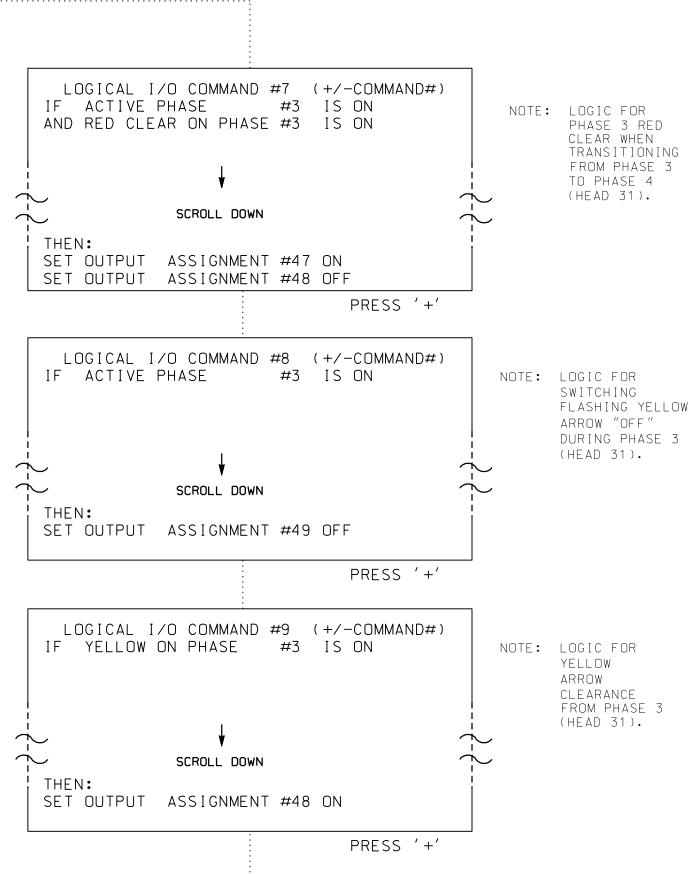
(program controller as shown below)

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, 6, 7, 8, 9, 10, 11 AND 12.

2. FROM MAIN MENU PRESS '6' (OUTPUTS), THEN '3' (LOGICAL I/O



PRESS '+'



LOGICAL I/O COMMAND #10 (+/-COMMAND#) #7 IS ON NOTE: LOGIC FOR AND RED CLEAR ON PHASE #7 IS ON PHASE 7 RED CLEAR WHEN TRANSITIONING FROM PHASE 7 TO PHASE 8 (HEAD 71). SET OUTPUT ASSIGNMENT #39 ON SET OUTPUT ASSIGNMENT #40 OFF PRESS '+' LOGICAL I/O COMMAND #11 (+/-COMMAND#) #7 IS ON NOTE: LOGIC FOR SWITCHING FLASHING YELLOW ARROW "OFF" DURING PHASE 7

(HEAD 71).

YELLOW

CLEARANCE

FROM PHASE 7

(HEAD 71).

ARROW

SET OUTPUT ASSIGNMENT #41 OFF PRESS '+' LOGICAL I/O COMMAND #12 (+/-COMMAND#) IF YELLOW ON PHASE #7 IS ON NOTE: LOGIC FOR SCROLL DOWN SET OUTPUT ASSIGNMENT #40 ON

LOGIC I/O PROCESSOR PROGRAMMING COMPLETE

IF ACTIVE PHASE

IF ACTIVE PHASE

THEN:

SCROLL DOWN

SCROLL DOWN

OUTPUT REFERENCE SCHEDULE USE TO INTERPRET LOGIC PROCESSOR

OUTPUT 39 = Overlap D Red OUTPUT 40 = Overlap D Yellow OUTPUT 41 = Overlap D Green OUTPUT 42 = Overlap C Red OUTPUT 43 = Overlap C Yellow OUTPUT 44 = Overlap C Green OUTPUT 47 = Overlap B Red OUTPUT 48 = Overlap B Yellow OUTPUT 49 = Overlap B Green OUTPUT 50 = Overlap A Red OUTPUT 51 = Overlap A Yellow OUTPUT 52 = Overlap A Green

THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 04-0317 DESIGNED: June 2017 SEALED: 08/04/2017 REVISED: N/A

FLASHER CIRCUIT MODIFICATION DETAIL

IN ORDER TO INSURE THAT SIGNALS FLASH CONCURRENTLY ON THE SAME APPROACH, MAKE THE FOLLOWING FLASHER CIRCUIT CHANGES:

1. ON REAR OF PDA - REMOVE WIRE FROM TERM, T2-4 AND TERMINATE ON T2-2.

2. ON REAR OF PDA - REMOVE WIRE FROM TERM. T2-5 AND TERMINATE ON T2-3. 3. REMOVE FLASHER UNIT 2.

THE CHANGES LISTED ABOVE TIES ALL PHASES AND OVERLAPS TO FLASHER UNIT 1.

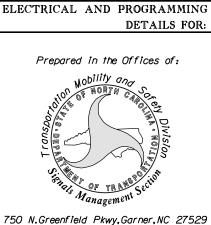
Electrical Detail - Sheet 2 of 2 - Signal Upgrade

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED SEAL

Michael Baker INTERNATIONAL

MBAKERINTL.COM

8000 Regency Parkway, Suite 600 Cary, North Carolina 27518 Phone: 919-463-5488 NC License No.: F-1084



US 301 (Ward Boulevard) SR 1192 (Nash Street)/

US 64 ALT/NC 58 (MLK Jr Pkwv) Division 4 Wilson County June 2017 REVIEWED BY: W M Ruhsam PLAN DATE: PREPARED BY: K M Cory REVIEWED BY:

REVISIONS INIT. DATE

SEAL 038970

Kelly M Cory 8/4/2017 SIG. INVENTORY NO. 04-0317