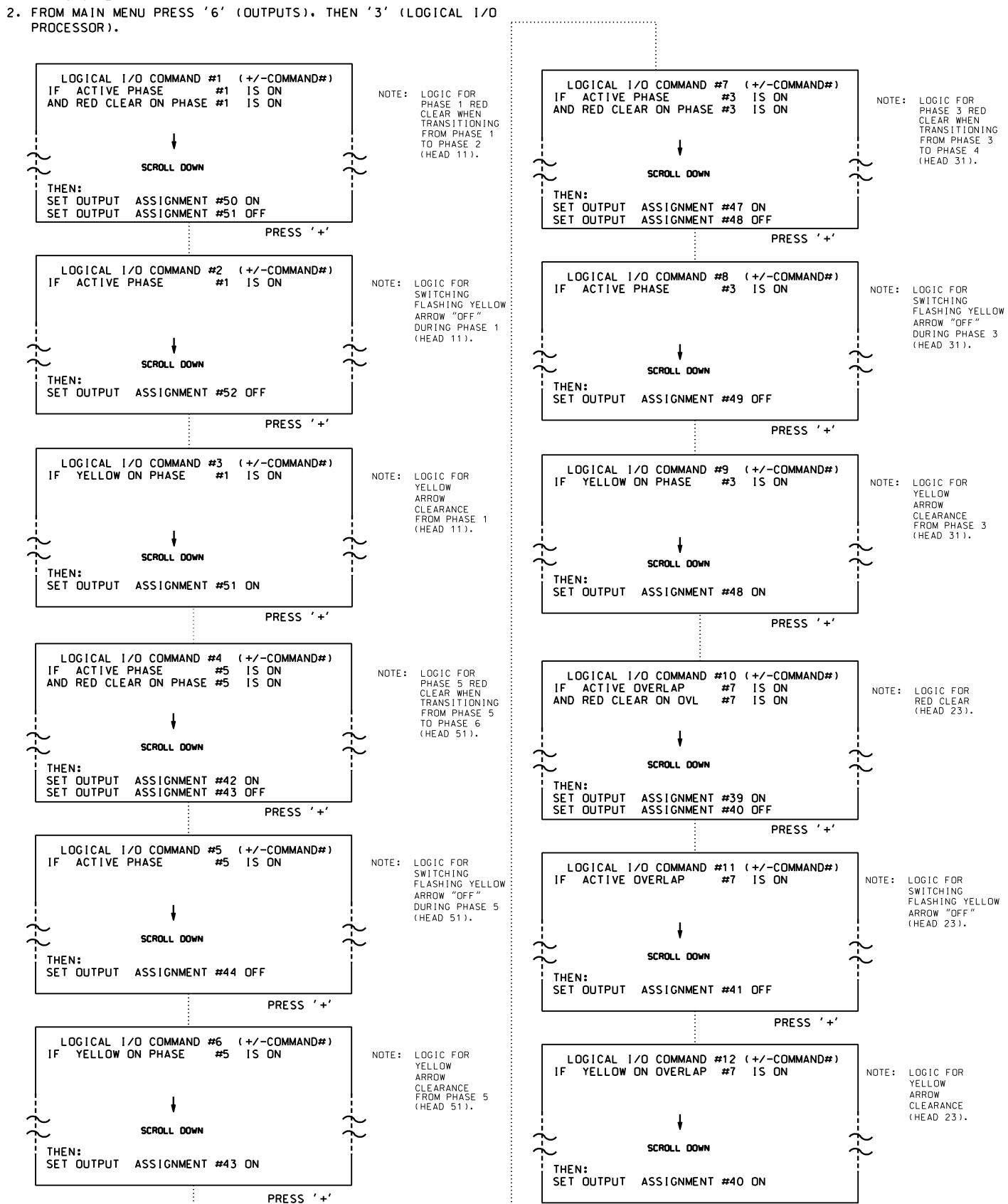
PROJECT REFERENCE NO. R-5021 Sig 38

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.



LOGIC I/O PROCESSOR PROGRAMMING COMPLETE

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.

DYNAMIC BACK-UP CONTROL PROGRAMMING

(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 Dynamic/Backup Control Function 1.
- 2. From Phase Control Functions Menu press '2' (Dynamic/Backup Control Functions).

DYNAMIC/BACKUP CONTROL FUNCTION #01 OVERLAPS: | ABCDEFGHIJKLMNOP IF OVERLAPS ARE ACTIVE ; PHASES: 12345678910111213141516 IF PHASES ARE ON! X OMIT PHASES ; X CALL PHASES

BACKUP PROTECTION PROGRAMMING COMPLETE

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

Electrical Detail - Sheet 2 of 7

THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 03-0897 DESIGNED: June 2017 SEALED: 9/10/2021 REVISED: N/A

Final Design ELECTRICAL AND PROGRAMMING

Signal Upgrade

UNLESS ALL SIGNATURES COMPLETED NC 211 (Howe Street)

DETAILS FOR: Prepared for: Division 03 June 2017 PLAN DATE: REVISIONS

Tidewater Plaza/Sandy Lane

Brunswick Co. Southport REVIEWED BY: A.D. Klinksiek PREPARED BY: A.H. Thornburg | REVIEWED BY: N.R. Simmons

TH CAROL SP OFESSION 1 031464 CACINEER

INIT. DATE **SIG. INVENTORY NO.** 03-0897

DOCUMENT NOT CONSIDERED FINAL

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