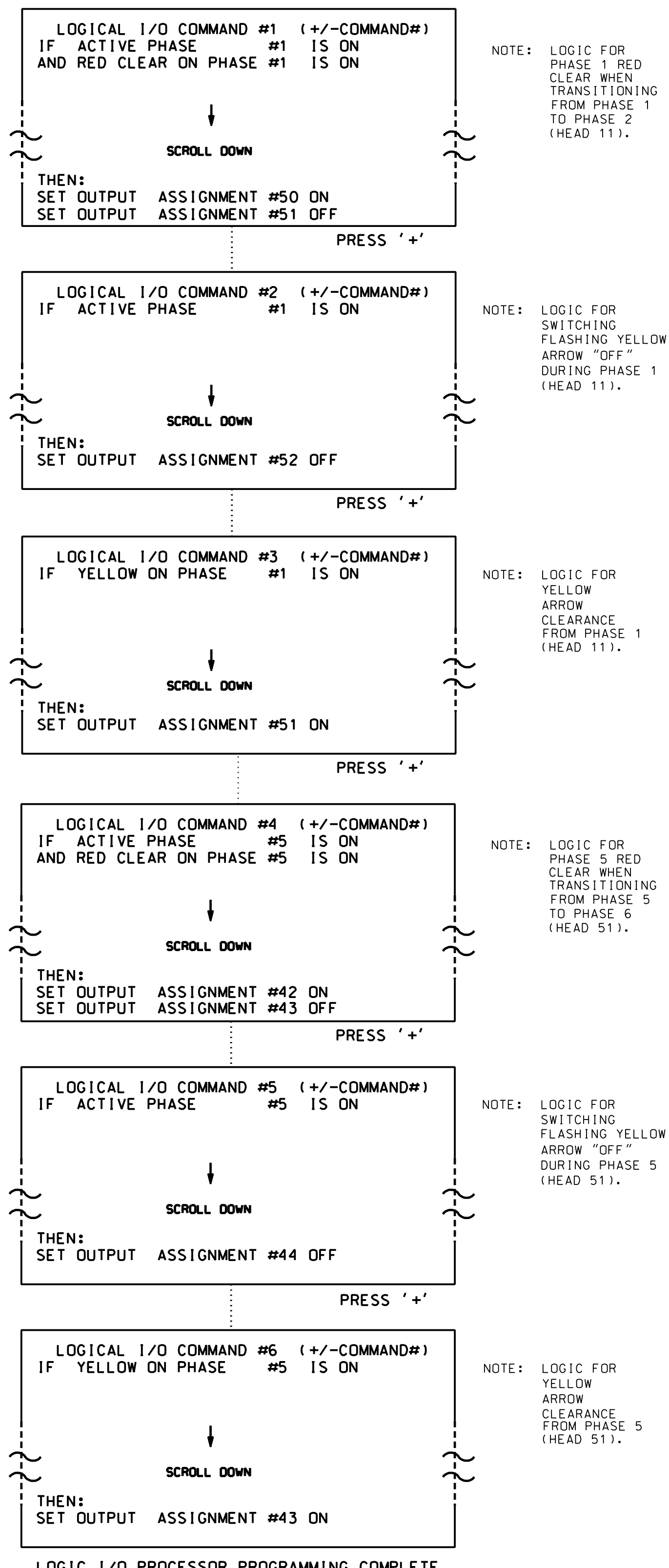


LOGICAL I/O PROCESSOR PROGRAMMING DETAIL TO PRODUCE SPECIAL FYA-PPLT SIGNAL SEQUENCE

(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).

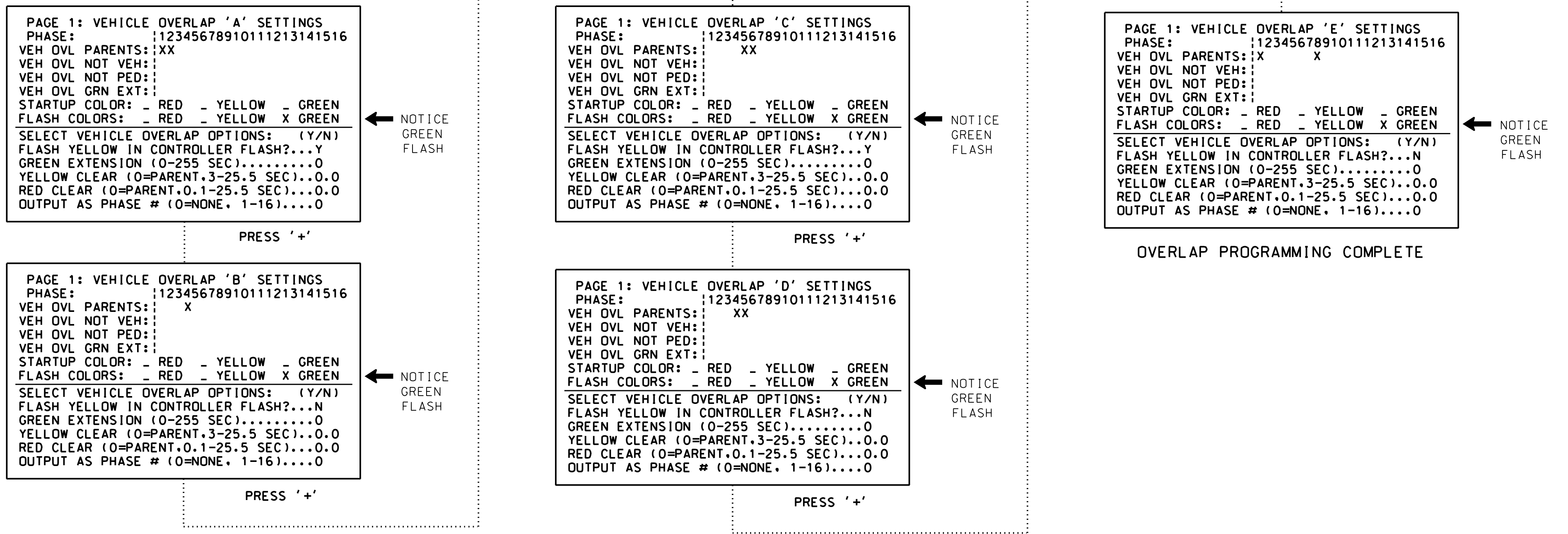


LOGIC I/O PROCESSOR PROGRAMMING COMPLETE

OVERLAP PROGRAMMING DETAIL FOR DEFAULT PHASING

(program controller as shown below)

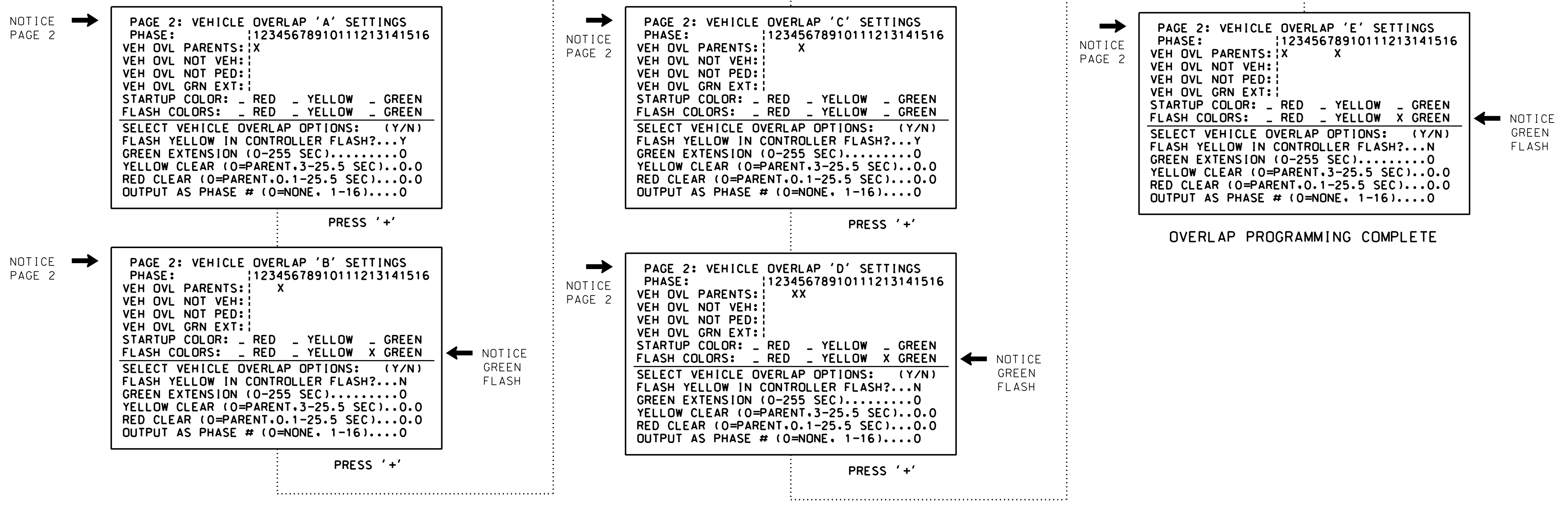
FROM MAIN MENU PRESS '8' (OVERLAPS), THEN '1' (VEHICLE OVERLAP SETTINGS).



OVERLAP PROGRAMMING DETAIL FOR ALTERNATE PHASING

(program controller as shown below)

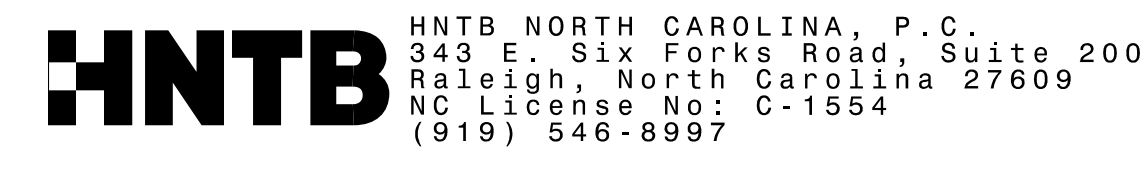
FROM MAIN MENU PRESS '8' (OVERLAPS), THEN '1' (VEHICLE OVERLAP SETTINGS). PRESS 'NEXT' TO ADVANCE TO PAGE 2.



OUTPUT REFERENCE SCHEDULE
USE TO INTERPRET LOGIC PROCESSOR

| |
|------------------------------|
| 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 |

THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 03-1122
DESIGNED: June 2017
SEALED: 9/10/2021
REVISED: N/A



Electrical Detail - Sheet 2 of 6
New Installation
Final Design

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

| | | | |
|---|-----------------------------|---|--|
| ELECTRICAL AND PROGRAMMING DETAILS FOR: | | NC 906 (Midway Road) at NC 211 Northbound Ramp/ Midway Commons Driveway | |
| Division 03 | Brunswick Co. | Southport | |
| PLAN DATE: June 2017 | REVIEWED BY: A.D. Klinksiek | | |
| PREPARED BY: A.H. Thornburg | REVIEWED BY: N.R. Simmons | | |
| REVISIONS | INIT. | DATE | |
| | | | |
| | | | |
| | | | |

Prepared for:

Division 03
PLAN DATE: June 2017
REVIEWED BY: A.D. Klinksiek
PREPARED BY: A.H. Thornburg
REVIEWED BY: N.R. Simmons

SEAL
NORTH CAROLINA PROFESSIONAL ENGINEER
SEAL 031464
M. TASHA R. SIMMONS

9/10/2021
SIGNATURE DATE
SIG. INVENTORY NO. 03-1122