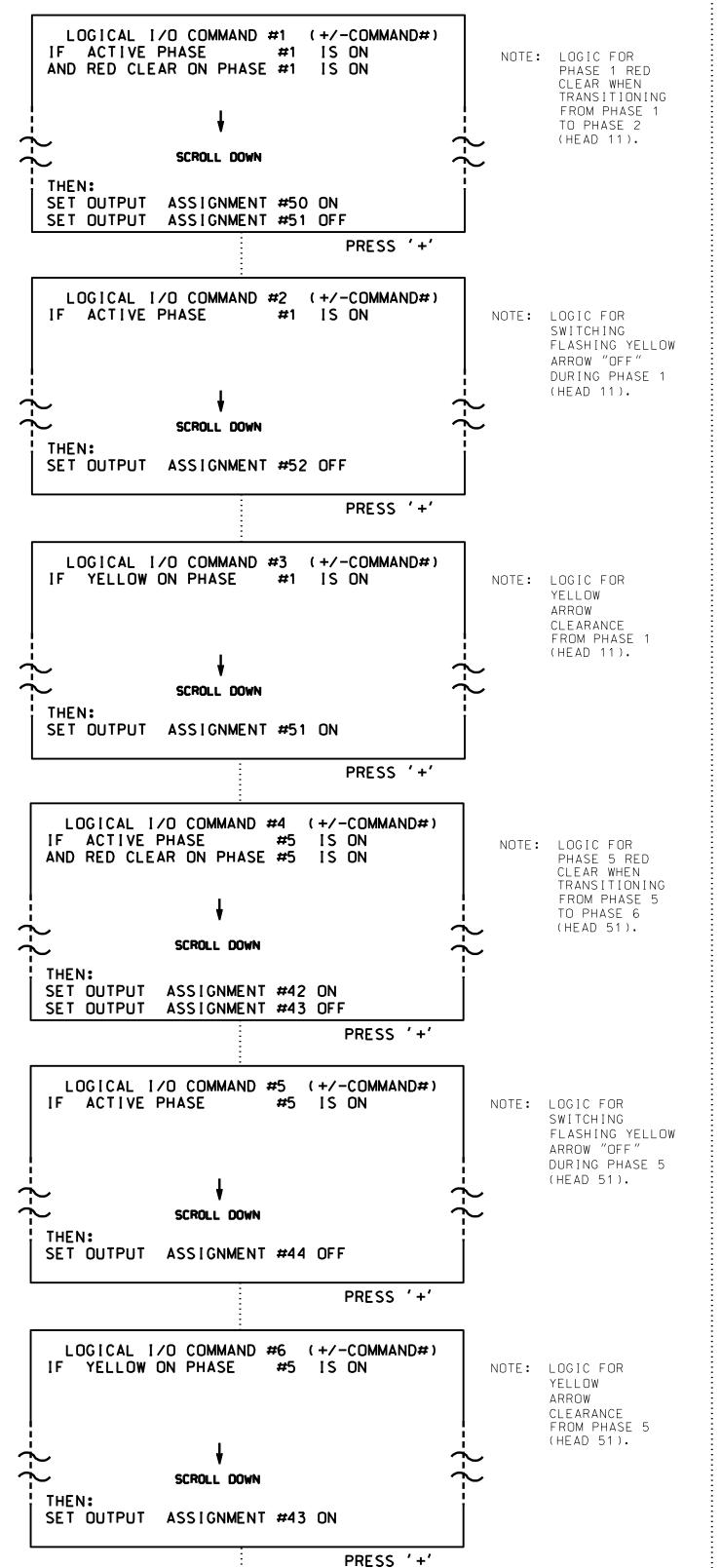
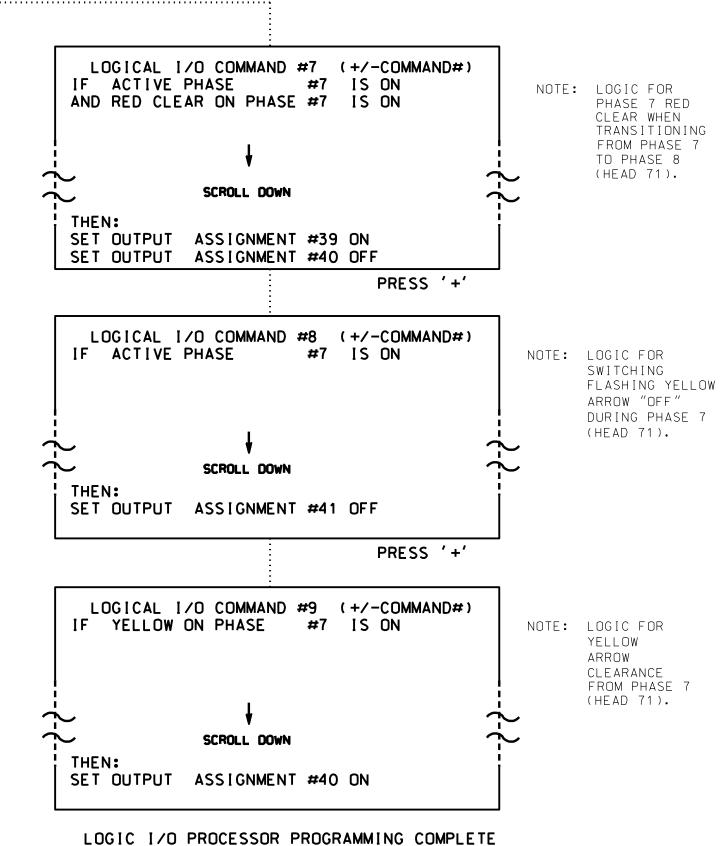
LOGICAL I/O PROCESSOR PROGRAMMING DETAIL TO PRODUCE SPECIAL FYA-PPLT SIGNAL SEQUENCE

(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, AND 9.
- 2. FROM MAIN MENU PRESS '6' (OUTPUTS), THEN '3' (LOGICAL I/O PROCESSOR).





OUTPUT REFERENCE SCHEDULE 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 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).

PAGE 1: VEHICLE OVERLAP 'A' SETTINGS 112345678910111213141516 VEH OVL PARENTS: | XX VEH OVL NOT VEH: ; VEH OVL NOT PED: VEH OVL GRN EXT: 1 STARTUP COLOR: _ RED _ YELLOW _ GREEN FLASH COLORS: _ RED _ YELLOW X GREEN NOTICE SELECT VEHICLE OVERLAP OPTIONS: (Y/N) FLASH YELLOW IN CONTROLLER FLASH?...Y GREEN EXTENSION (0-255 SEC)..... YELLOW CLEAR (0=PARENT.3-25.5 SEC)..0.0 RED CLEAR (0=PARENT.0.1-25.5 SEC)...0.0 OUTPUT AS PHASE # (0=NONE, 1-16)....0

PRESS '+'

PAGE 1: VEHICLE OVERLAP 'B' SETTINGS 112345678910111213141516 VEH OVL PARENTS: X VEH OVL NOT VEH: VEH OVL NOT PED: 1 VEH OVL GRN EXT:: STARTUP COLOR: _ RED _ YELLOW _ GREEN NOT I CE FLASH COLORS: _ RED _ YELLOW X GREEN SELECT VEHICLE OVERLAP OPTIONS: (Y/N) FLASH YELLOW IN CONTROLLER FLASH?...N GREEN EXTENSION (0-255 SEC)..... YELLOW CLEAR (O=PARENT.3-25.5 SEC)..0.0 RED CLEAR (0=PARENT.0.1-25.5 SEC)...0.0 OUTPUT AS PHASE # (0=NONE, 1-16)....0

PRESS '+'

PAGE 1: VEHICLE OVERLAP 'C' SETTINGS 12345678910111213141516 VEH OVL PARENTS: VEH OVL NOT VEH: ! VEH OVL NOT PED: ; VEH OVL GRN EXT: : STARTUP COLOR: _ RED _ YELLOW _ GREEN NOTICE FLASH COLORS: _ RED _ YELLOW X GREEN SELECT VEHICLE OVERLAP OPTIONS: (Y/N) FLASH YELLOW IN CONTROLLER FLASH?...Y GREEN EXTENSION (0-255 SEC)..... YELLOW CLEAR (0=PARENT.3-25.5 SEC)..0.0 RED CLEAR (0=PARENT.0.1-25.5 SEC)...0.0 OUTPUT AS PHASE # (0=NONE, 1-16)....0 PRESS '+'

PAGE 1: VEHICLE OVERLAP 'D' SETTINGS 12345678910111213141516 VEH OVL PARENTS: XX VEH OVL NOT PED: ! VEH OVL GRN EXT: : STARTUP COLOR: _ RED _ YELLOW _ GREEN FLASH COLORS: _ RED _ YELLOW X GREEN **←** NOTICE SELECT VEHICLE OVERLAP OPTIONS: (Y/N) FLASH YELLOW IN CONTROLLER FLASH?...N GREEN EXTENSION (0-255 SEC).....0 YELLOW CLEAR (O=PARENT.3-25.5 SEC)..0.0 RED CLEAR (0=PARENT.0.1-25.5 SEC)...0.0 OUTPUT AS PHASE # (0=NONE, 1-16)....0

OVERLAP PROGRAMMING COMPLETE

OVERLAP PROGRAMMING DETAIL FOR ALTERNATE PHASING - PAGE 2

PROJECT REFERENCE NO.

W-5206AM

■ NOTICE

GREEN

FLASH

(program controller as shown below)

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

PAGE 2: VEHICLE OVERLAP 'A' SETTINGS NOTICE -112345678910111213141516 PAGE 2 VEH OVL PARENTS: XX VEH OVL NOT VEH: ! VEH OVL NOT PED: 1 VEH OVL GRN EXT: 1 STARTUP COLOR: _ RED _ YELLOW _ GREEN FLASH COLORS: _ RED _ YELLOW X GREEN SELECT VEHICLE OVERLAP OPTIONS: (Y/N) FLASH YELLOW IN CONTROLLER FLASH?...Y GREEN EXTENSION (0-255 SEC)..... YELLOW CLEAR (O=PARENT.3-25.5 SEC)..0.0 RED CLEAR (0=PARENT.0.1-25.5 SEC)...0.0 OUTPUT AS PHASE # (0=NONE, 1-16)....0

PRESS '+'

PAGE 2: VEHICLE OVERLAP 'B' SETTINGS 112345678910111213141516 PHASE: VEH OVL PARENTS: X VEH OVL NOT VEH: ; VEH OVL NOT PED: ! VEH OVL GRN EXT: 1 STARTUP COLOR: _ RED _ YELLOW _ GREEN FLASH COLORS: _ RED _ YELLOW X GREEN **←** NOTICE SELECT VEHICLE OVERLAP OPTIONS: (Y/N) GREEN FLASH YELLOW IN CONTROLLER FLASH?...N FLASH GREEN EXTENSION (0-255 SEC)..... YELLOW CLEAR (0=PARENT.3-25.5 SEC)..0.0 RED CLEAR (0=PARENT.0.1-25.5 SEC)...0.0 OUTPUT AS PHASE # (0=NONE, 1-16)....0

PRESS '+'

112345678910111213141516 PHASE: VEH OVL PARENTS: VEH OVL NOT VEH:: VEH OVL NOT PED: VEH OVL GRN EXT: : STARTUP COLOR: _ RED _ YELLOW _ GREEN FLASH COLORS: _ RED _ YELLOW _ GREEN SELECT VEHICLE OVERLAP OPTIONS: (Y/N) FLASH YELLOW IN CONTROLLER FLASH?...Y GREEN EXTENSION (0-255 SEC)...... YELLOW CLEAR (0=PARENT.3-25.5 SEC)..0.0 RED CLEAR (0=PARENT.0.1-25.5 SEC)...0.0 OUTPUT AS PHASE # (0=NONE, 1-16)....0

PAGE 2: VEHICLE OVERLAP 'C' SETTINGS

PRESS '+'

112345678910111213141516 PHASE: VEH OVL PARENTS: : VEH UVL NUI VEH: VEH OVL NOT PED: 1 VEH OVL GRN EXT:: STARTUP COLOR: _ RED _ YELLOW _ GREEN FLASH COLORS: _ RED _ YELLOW X GREEN SELECT VEHICLE OVERLAP OPTIONS: (Y/N) FLASH YELLOW IN CONTROLLER FLASH?...N GREEN EXTENSION (0-255 SEC)..... YELLOW CLEAR (0=PARENT.3-25.5 SEC)..0.0 RED CLEAR (0=PARENT.0.1-25.5 SEC)...0.0 OUTPUT AS PHASE # (O=NONE, 1-16)....0

PAGE 2: VEHICLE OVERLAP 'D' SETTINGS

OVERLAP PROGRAMMING COMPLETE

FLASHER CIRCUIT MODIFICATION DETAIL

PAGE 2

PAGE 2

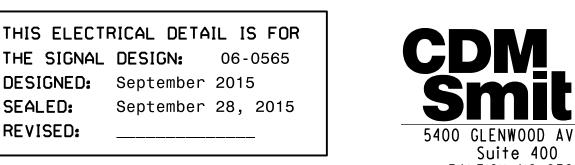
PAGE 2

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 WITE FROM TERM. T2-5 AND TERMINATE ON T2-3.
- 3. REMOVE FLASHER UNIT 2.

THE CHANGE LISTED ABOVE TIES ALL PHASES AND OVERLAP TO FLASHER UNIT 1.

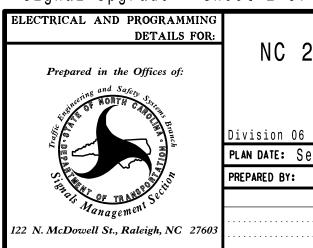
Signal Upgrade - Sheet 2 of 4



SEALED:

REVISED:





NC 24-87 (Bragg Boulevard)

REVISIONS

Ames Street Cumberland County Favatevill D. Clodgo PLAN DATE: September 2015 REVIEWED BY: B. Wan REVIEWED BY:

INIT. DATE



SEAL

GREEN

FLASH

SIGNATURE SIG. INVENTORY NO. 06-0565