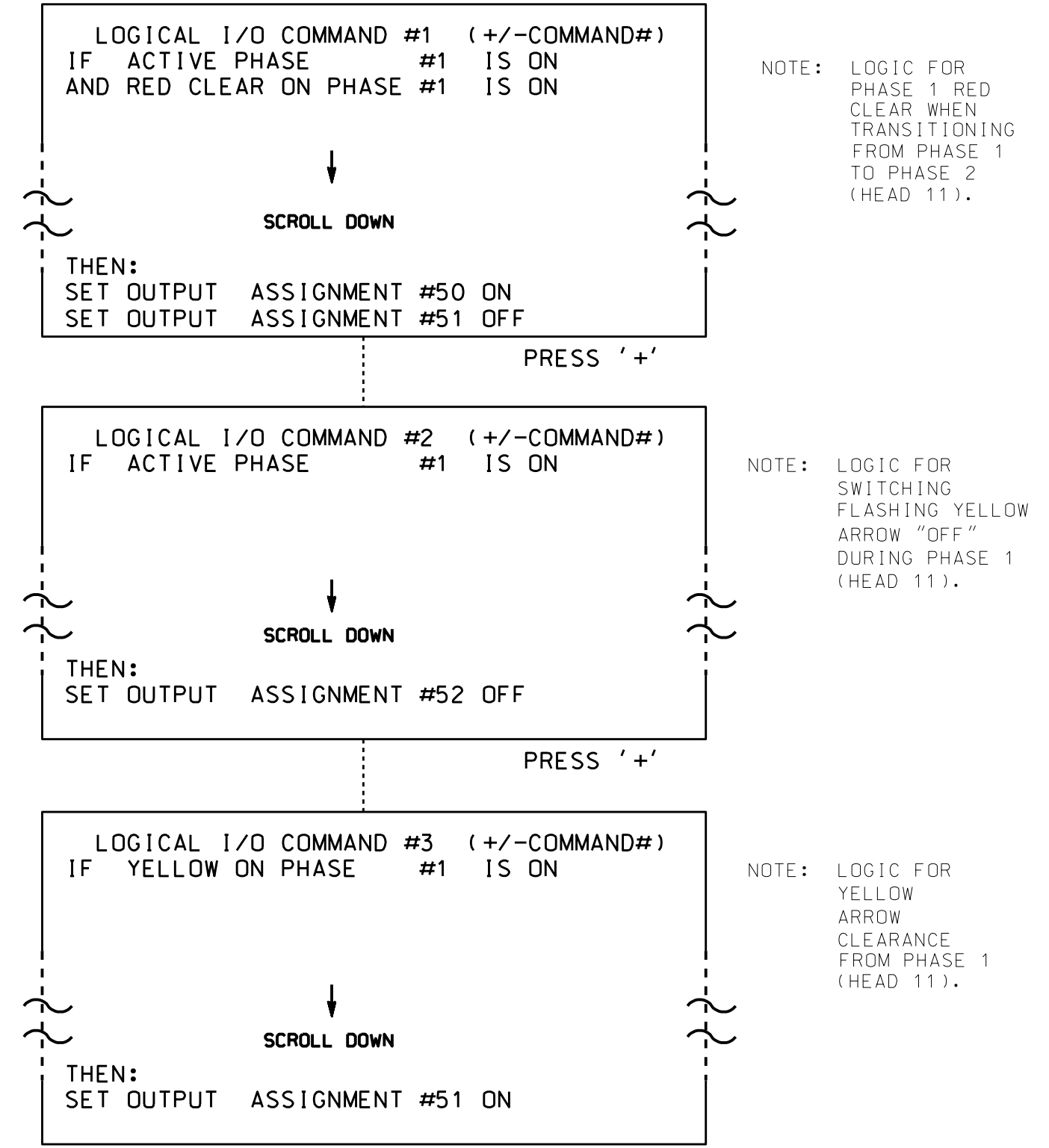


LOGICAL I/O PROCESSOR PROGRAMMING DETAIL TO PRODUCE SPECIAL FYA-PPLT SIGNAL SEQUENCE

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



NOTE: LOGIC FOR PHASE 1 RED CLEAR WHEN TRANSITIONING FROM PHASE 1 TO PHASE 2 (HEAD 11).

NOTE: LOGIC FOR SWITCHING FLASHING YELLOW ARROW "OFF" DURING PHASE 1 (HEAD 11).

NOTE: LOGIC FOR YELLOW ARROW CLEARANCE FROM PHASE 1 (HEAD 11).

LOGIC I/O PROCESSOR PROGRAMMING COMPLETE

OUTPUT REFERENCE SCHEDULE
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
    PHASE: :12345678910111213141516
    VEH OVL PARENTS: :XX
    VEH OVL NOT VEH: :
    VEH OVL NOT PED: :
    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?...Y
    GREEN EXTENSION (0-255 SEC).....0
    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
  
```

← NOTICE GREEN FLASH

PRESS '+' TWICE

```

    PAGE 1: VEHICLE OVERLAP 'C' SETTINGS
    PHASE: :12345678910111213141516
    VEH OVL PARENTS: :X
    VEH OVL NOT VEH: :
    VEH OVL NOT PED: :
    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?...Y
    GREEN EXTENSION (0-255 SEC).....0
    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
  
```

← NOTICE GREEN FLASH

PRESS '-' THREE TIMES

```

    PAGE 1: VEHICLE OVERLAP 'P' SETTINGS
    PHASE: :12345678910111213141516
    VEH OVL PARENTS: :XXXX X
    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?...N
    GREEN EXTENSION (0-255 SEC).....0
    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
  
```

OVERLAP PROGRAMMING COMPLETE

THIS ELECTRICAL DETAIL IS FOR
THE SIGNAL DESIGN: 13-0816
DESIGNED: March 2016
SEALED: 11/2/2016
REVISED:

Electrical Detail Sheet 2 of 3

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

Prepared In the Offices of: 750 N. Greenfield Pkwy, Garner, NC 27529	US 19-23 (Smokey Park Hwy.) at SR 3613 (Enka Quarry Rd.) / SR 1233 (Rutherford Rd.)	SEAL KEITH M. MIMS ENGINEER
Division 13 PLAN DATE: September 2016 PREPARED BY: Z.M. Little	Buncombe County Enka REVIEWED BY: K.M. Mims REVIEWED BY:	DocuSigned by: Keith M. Mims 11/3/2016 DATE
REVISIONS _____ INIT. DATE		SIG. INVENTORY NO. 13-0816

03-1004-2016-14516
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zmlittle