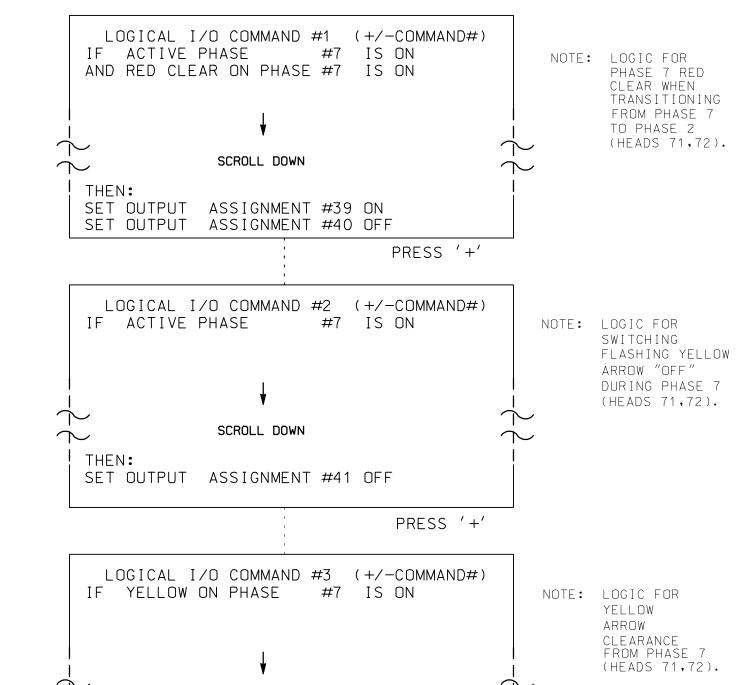
# PROJECT REFERENCE NO. SHEET NO. U-5114 Sig. 6.2

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



LOGIC I/O PROCESSOR PROGRAMMING COMPLETE

SCROLL DOWN

SET OUTPUT ASSIGNMENT #40 ON

OUTPUT REFERENCE SCHEDULE

USE TO INTERPRET LOGIC PROCESSOR

OUTPUT 39 = Overlap D Red
OUTPUT 40 = Overlap D Yellow
OUTPUT 41 = Overlap D Green

THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 10-2278

DESIGNED: NOV 2017

SEALED: 4/18/2018

REVISED: N/A

## OVERLAP PROGRAMMING DETAIL

(program controller as shown below)

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

PRESS '+' 3 TIMES

PAGE 1: VEHICLE OVERLAP 'D' SETTINGS 12345678910111213141516 VEH OVL PARENTS: | X X VEH OVL NOT VEH: | 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) GREEN FLASH 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

OVERLAP PROGRAMMING COMPLETE

# PED 7 PROGRAMMING DETAIL

(program controller as shown below)

#### CHANGING OUTPUT ASSIGNMENTS

- 1. FROM MAIN MENU SELECT '6' (OUTPUTS), THEN '1' (OUTPUT ASSIGNMENTS)
- 2. ENTER 1 (PHASE 4 DW) FOR OUTPUT ASSIGNMENT #.
- 3. SCROLL DOWN TO 'PEDESTRIAN PHASE' AND ENTER 'Y' REGARDLESS OF DEFAULT PROGRAMMING!
- 4. ENTER '7' FOR 'SELECT PEDESTRIAN PHASE'. NO CHANGE NEEDED FOR 'SELECT COLOR'
- 5. BACKUP TO 'OUTPUT ASSIGNMENTS AND SETTINGS MENU: BY PRESSING THE 'ESC' BUTTON ON KEYBOARD.
- 6. SELECT '1' (OUTPUT ASSIGNMENTS)
- 7. ENTER 2 (PHASE 4 W) FOR OUTPUT ASSIGNMENT #.
- 8. REPEAT STEPS # 3 AND # 4.

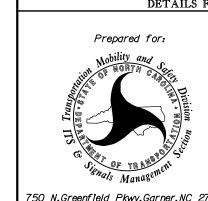
### CHANGING INPUT ASSIGNMENTS

- 1. FROM MAIN MENU SELECT '7' (DETECTORS), THEN '2' (PEDESTRIAN DETECTOR ASSIGNMENTS)
- 2. CYCLE TO PED DETECTOR #4 BY REPEATEDLY DEPRESSING '+' KEY
- 3. MODIFY PHASE ASSIGNED TO PED DETECTOR # 4 FROM PHASE 4 TO PHASE 7

PROGRAMMING COMPLETE

ELECTRICAL DETAIL SHEET 2 OF 2

ELECTRICAL AND PROGRAMMING DETAILS FOR: US 21



US 21 (Statesville Road) at U-turn Bulb-out North of SR 2136 (Gilead Road)

Division 10 Mecklenburg Huntersvill
PLAN DATE: November 2017 REVIEWED BY: R. Dubnicka
PREPARED BY: J. Trueblood REVIEWED BY: J. Carroll

PREPARED BY: J. Trueblood REVIEWED BY: K. DUDNICKA

PREPARED BY: J. Carroll

REVISIONS INIT. DATE

### 5. Carnoll 4/18/2018

634DAC5D4E18486 DATE

SIG. INVENTORY NO. 10-2278

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL

SIGNATURES COMPLETED

SEAL

