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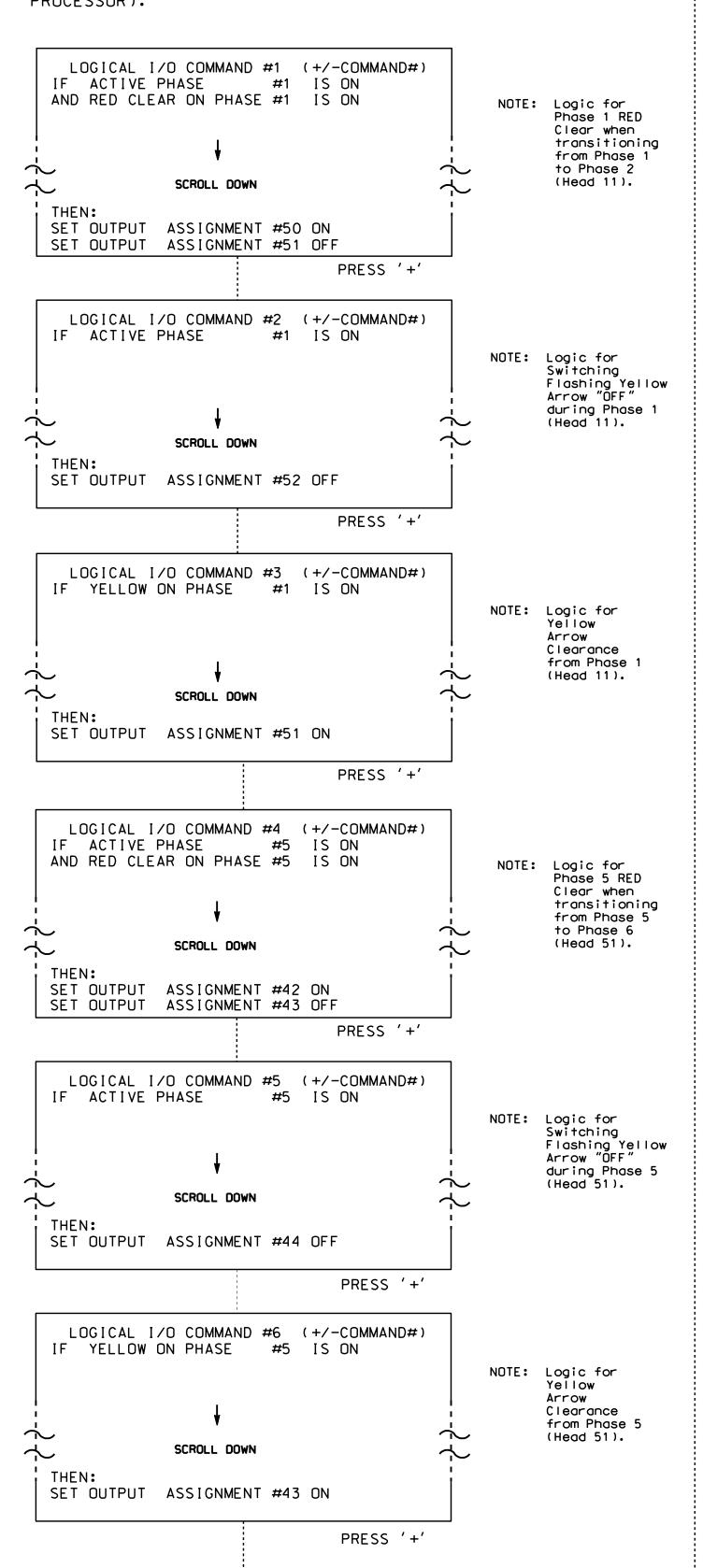
THEN:

THEN:

(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.

2. From Main Menu press '6' (OUTPUTS), then '3' (LOGICAL I/O PROCESSOR).



NOTE: Logic for Phase 3 RED Clear when

NOTE: Logic for

NOTE: Logic for

Yellow

Clearance

from Phase 3

(Head 31).

Arrow

NOTE: Logic for Phase 7 RED

Clear when transitioning

from Phase 7

to Phase 8

(Head 71).

NOTE: Logic for Switching Flashing Yellow Arrow "OFF" during Ph

NOTE: Logic for Yellow

Arrow

Clearance

(Head 71).

from Phase 7

during Phase 7 (Head 71).

Switching

Flashing Yellow Arrow "OFF"

during Phase 3

(Head 31).

transitioning from Phase 3

to Phase 4

(Head 31).

LOGICAL I/O COMMAND #7 (+/-COMMAND#)
IF ACTIVE PHASE #3 IS ON

LOGICAL I/O COMMAND #8 (+/-COMMAND#)

LOGICAL I/O COMMAND #9 (+/-COMMAND#)

LOGICAL I/O COMMAND #10 (+/-COMMAND#)

LOGICAL I/O COMMAND #11 (+/-COMMAND#)

LOGICAL I/O COMMAND #12 (+/-COMMAND#)

#7 IS ON

#7 IS ON

#3 IS ON

PRESS '+'

PRESS '+'

PRESS '+'

PRESS '+'

PRESS '+'

AND RED CLEAR ON PHASE #3 IS ON

SCROLL DOWN

SCROLL DOWN

SET OUTPUT ASSIGNMENT #49 OFF

IF YELLOW ON PHASE #3 IS ON

SCROLL DOWN

SET OUTPUT ASSIGNMENT #48 ON

AND RED CLEAR ON PHASE #7 IS ON

SCROLL DOWN

SCROLL DOWN

SET OUTPUT ASSIGNMENT #41 OFF

IF YELLOW ON PHASE #7 IS ON

SCROLL DOWN

LOGIC I/O PROCESSOR PROGRAMMING COMPLETE

SET OUTPUT ASSIGNMENT #40 ON

SET OUTPUT ASSIGNMENT #39 ON

SET OUTPUT ASSIGNMENT #40 OFF

IF ACTIVE PHASE

IF ACTIVE PHASE

SET OUTPUT ASSIGNMENT #47 ON

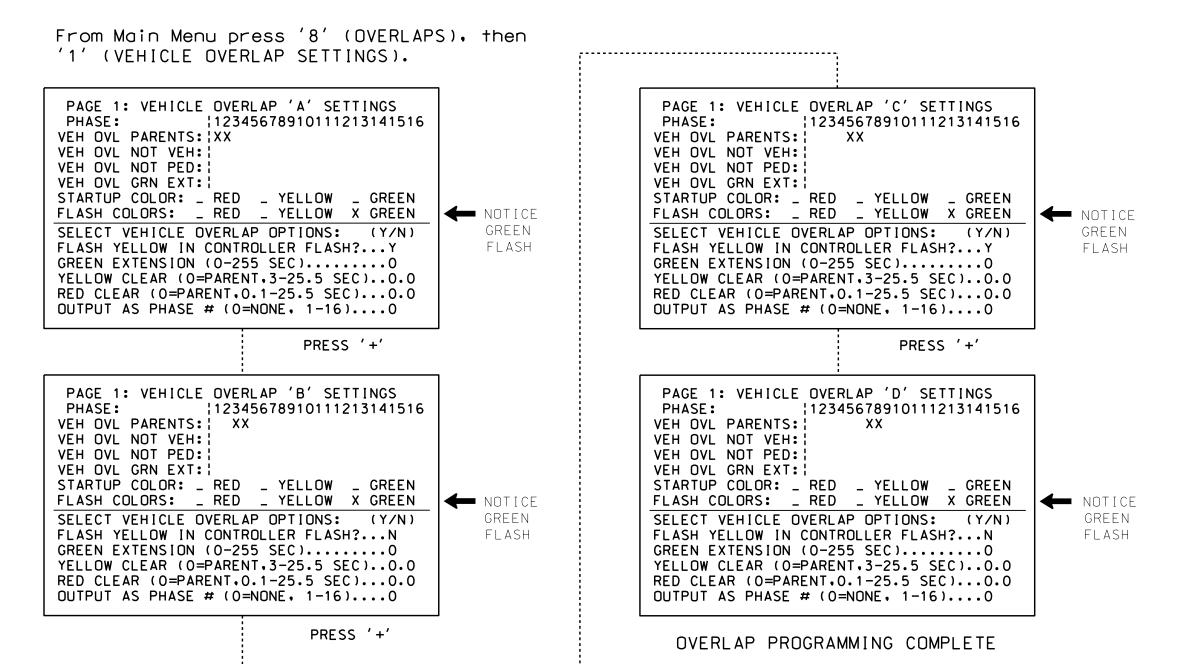
SET OUTPUT ASSIGNMENT #48 OFF

IF ACTIVE PHASE

OVERLAP PROGRAMMING DETAIL

(program controller as shown below)

PROJECT REFERENCE NO. Sig. 149.2 C-5558



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.

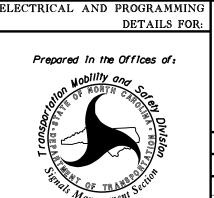
The changes listed above ties all Phases and Overlaps to Flasher Unit 1.

ACCESSIBLE PEDESTRIAN SIGNAL (APS) INSTALLATION NOTES

- 1. Install push buttons and APS equipment per manufacturer's instructions.
- 2. Provide a dedicated cable to each push button per manufacturer's instructions.
- 3. If APS equipment is mounted in cabinet, use filtered power (i.e., Controller Receptacle) to power APS equipment. Do not use Equipment Receptacle, which is a GFCI outlet.
- 4. Never attempt to operate a standard contact closure push button with the APS system unless cabinet is re-wired for standard button operation or unless explicitly allowed by the manufacturer.
- 5. Place manufacturer's instructions in cabinet with cabinet prints, signal plans, and electrical details.

Electrical Detail - Sheet 2 of 2

REVISED: N/A



750 N.Greenfield Pkwy, Garner, NC 27529

SR 1278 (North College Drive) North Centennial Street

Guilford County ivision 7 High Point PLAN DATE: September 2014 REVIEWED BY: T. Joyce

SEAL CARC SEAL 022013

SIG. INVENTORY NO. 07-1923

PREPARED BY: B SIMMONS REVIEWED BY: REVISIONS INIT. DATE George C. Brown 7/13/2015

THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 07-1923 DESIGNED: July 2014 SEALED: 3/17/2015

OUTPUT REFERENCE SCHEDULE

USE TO INTERPRET LOGIC PROCESSOR

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

OUTPUT 43 = Overlap C Yellow

OUTPUT 44 = Overlap C Green

OUTPUT 49 = Overlap B Green

OUTPUT 51 = Overlap A Yellow

OUTPUT 52 = Overlap A Green

OUTPUT 39 = Overlap D Red

OUTPUT 42 = Overlap C Red

OUTPUT 47 = Overlap B Red OUTPUT 48 = Overlap B Yellow

OUTPUT 50 = Overlap A Red