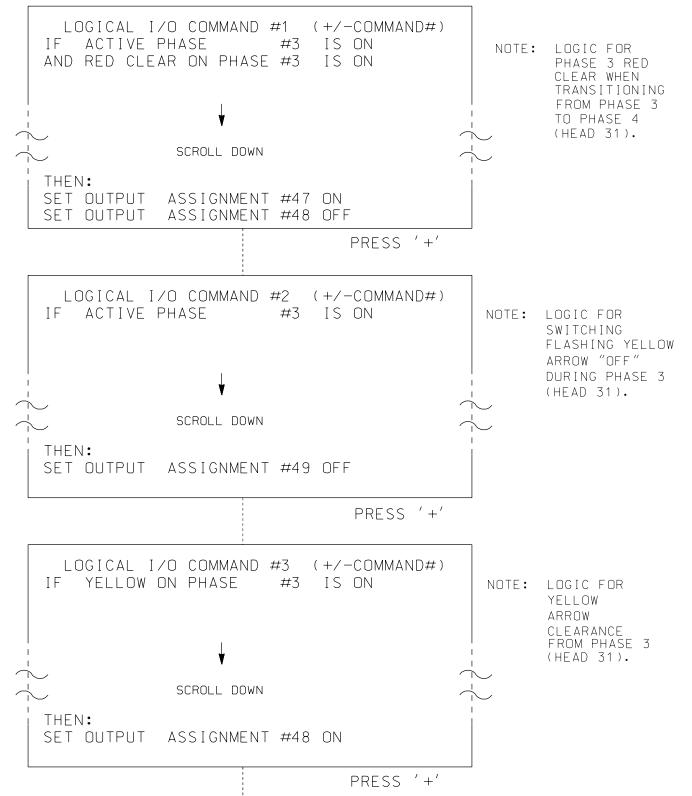
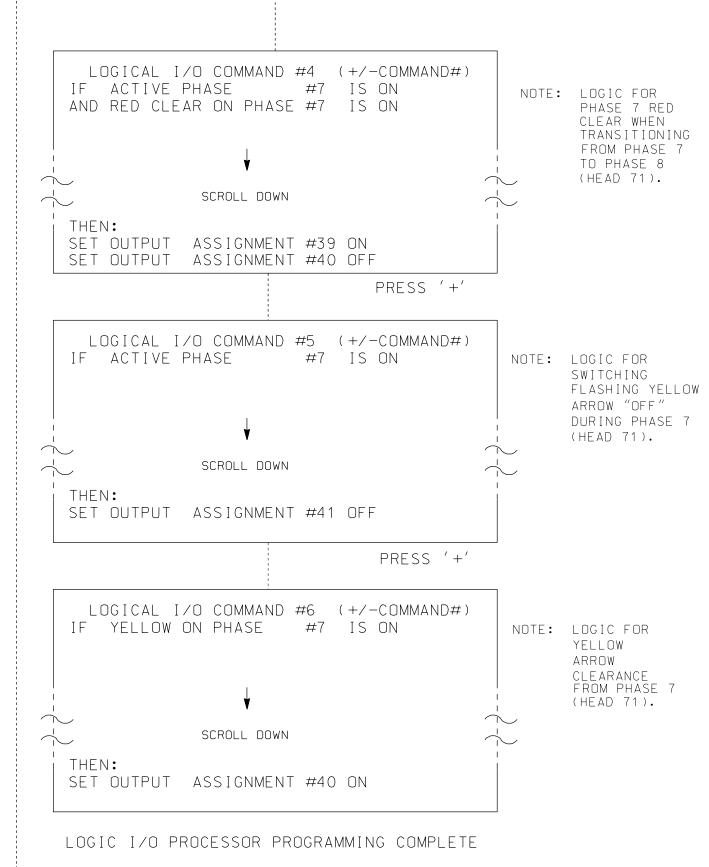
LOGICAL I/O PROCESSOR PROGRAMMING DETAIL TO PRODUCE SPECIAL FYA-PPLT SIGNAL SEQUENCE

(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 THROUGH 6.

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 47 = Overlap B Red OUTPUT 48 = Overlap B Yellow OUTPUT 49 = Overlap B Green

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.

EMERGENCY VEHICLE PREEMPTION PROGRAMMING DETAIL

(program controller as shown below)

From Main Menu press 'A' (Preemption), then '1' (Standard Preemptions). Press 'NEXT' to advance to Preemption #3 and 5.

	TERVAL, GRN YEL 255 0. 0 0. 0 0.	PTION /TIMING _ RED .0 0.0 .0 0.0 .0 0.0	G CL 1234 X X 	EAR/	DWELL	PHASE	ES
PR DEL MIN PEL YEL DWE DWE LA LIN HOL FAS PEL INE SEF FL ALL OVE	AY TIM N GREEN D CLEAF LLOW CL D CLEAF ELL MAX ELL HOL TCH CAL NK TO N ABLE BA LD CLEAF HIBIT (RVICE [ST IN F ASH DWE LOW PE[LOW PE	OF (Y/N T MER (O- N BEFOR R BEFOR LEAR BE R BEFOR N TIMER LOVER	-255 SE RE PRE RE PRE RE PRE RE O-25 RE O-25 REEMPT? REEMPT? RASES D GH DWEL THROUGH SOFTWA RING DW TERVAL? WELL I NTERVA	C). (0=) (0=) (0=) 5 SE (0-) ION? URIN YELL NTER L?.	DEFAUIDEFAUIDEFAUIDEFAUICONORDEFA	T) T) AULT AY? AY? VAL?	0 1 0).0.0 0.0 12 0 N N N

PRESS 'NEXT' TWICE

OVERLAP PROGRAMMING DETAIL

(program controller as shown below)

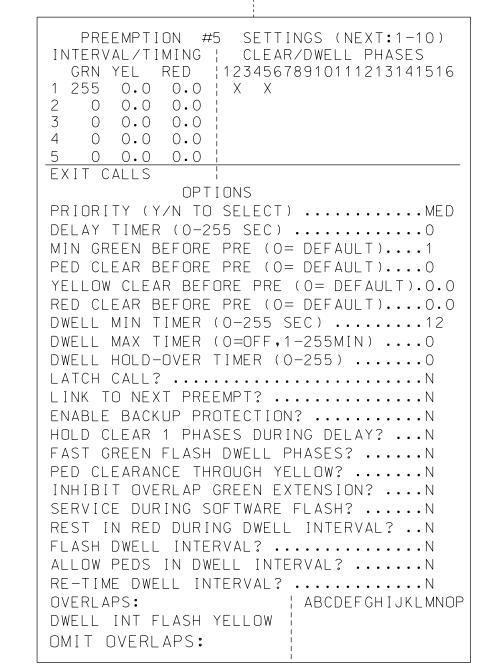
FROM MAIN MENU PRESS '8' (OVERLAPS), THEN '1' (VEHICLE OVERLAP SETTINGS).

PRESS '+'	_
PAGE 1: VEHICLE OVERLAP 'B' 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?N GREEN EXTENSION (0-255 SEC)O YELLOW CLEAR (0=PARENT,3-25.5 SEC)O.O RED CLEAR (0=PARENT,0.1-25.5 SEC)O.O OUTPUT AS PHASE # (0=NONE, 1-16)O	NOTICE GREEN FLASH

PRESS '+' TWICE

PAGE 1: VEHICLE OVERLAP 'D' SETTINGS 12345678910111213141516 VEH OVL PARENTS: | 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 GREEN FLASH 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

OVERLAP PROGRAMMING COMPLETE



PROGRAMING COMPLETE

Program extend time an optical detector unit for 5.0 seconds.

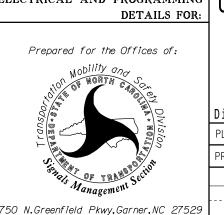
THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: Ø4-Ø169 DESIGNED: November 2016 SEALED: 1/30/2017 REVISED:

INIT. DATE

DOCUMENT NOT CONSIDERED FINAL **UNLESS ALL SIGNATURES COMPLETED**

Signal Upgrade - Final Design (Electrical Sheet 2 of 2)

REVISIONS



ELECTRICAL AND PROGRAMMING US 301 Byp (N. Wesleyan Blvd) Lawrence Circle

Tarrytown Mall Entrance Division 04 Nash County Rocky Mount PLAN DATE: November 2016 REVIEWED BY: LM Moon PREPARED BY: AM Encarnacion | REVIEWED BY: MB Toth

025892

1/30/2017 Melissa B. Toth SIG. INVENTORY NO. 04-0169

SEAL

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