## OVERLAPS [1-4] PROGRAMMING DETAIL

Program overlaps as follows:
Main Menu – 4) OVERLAP

OVERLAP [1]:

LOADSWITCH = 9     NOTE: FOR SIGNAL HEAD 61
VEH SET 1  = 2
YELLOW CLEARANCE = 4.1
RED CLEARANCE = 2.1

PRESS '+' TWICE

OVERLAP [3]:

LOADSWITCH = 11     NOTE: FOR SIGNAL HEAD 21
VEH SET 1  = 6
YELLOW CLEARANCE = 4.1
RED CLEARANCE = 2.1

PRESS '+'

OVERLAP [4]:

LOADSWITCH = 12     NOTE: FOR SIGNAL HEAD 41
VEH SET 1  = 8
YELLOW CLEARANCE = 3.8
RED CLEARANCE = 2.0

END OF OVERLAP PROGRAMMING

## 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.
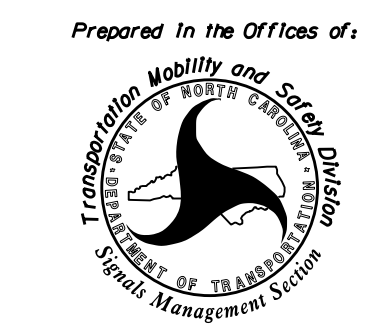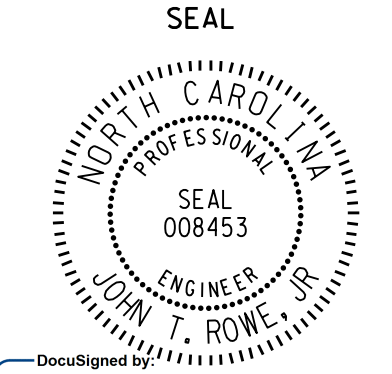
## OVERLAP GREEN FLASH PROGRAMMING
## FOR 3 SECTION FYA

The following will cause the overlap green outputs to flash, which
are wired to the flashing yellow arrow.  Program as follows:

Main Menu – 1) PHASE – 2) PHASE FUNCTIONS PAGE TWO
OLAP G FL = 1, 3, 4

## FYA PPLT PROGRAMMING

1.  Program Flashing Yellow Arrow phases as follows:
Main Menu – 1) PHASE – 2) PHASE FUNCTIONS PAGE TWO
PPLT FYA = PHASE 3

2.  Assign output pin for Flashing Yellow Arrow as follows:
Main Menu – 6) OUTPUTS – F) FYA PPLT
Phase 3 = 96

3.  Redirect RED and YELLOW outputs for the left turn phases
as follows:
Main Menu – 6) OUTPUTS – 8) REDIRECT PHASE
Phase 3 RED = 94, Phase 3 YELLOW = 95

## COUNTDOWN PEDESTRIAN SIGNAL OPERATION

Countdown Ped Signals are required to display timing only during
Ped Clearance Interval.  Consult Ped Signal Module user's manual
for instructions on selecting this feature.

THIS ELECTRICAL DETAIL IS FOR
THE SIGNAL DESIGN: 05-1027T4
DESIGNED: September 2014
SEALED: 4-02-15
REVISED: N/A

Electrcial Detail - Sheet 2 of 2

ELECTRICAL AND PROGRAMMING
DETAILS FOR:

Prepared In the Offices of:

NC 55 (North Alston Avenue)
at
US 70 - NC 98 (Holloway Street)

| Division 5 | Durham County | | Durham |
|---|---|---|---|
| PLAN DATE: November 2014 | REVIEWED BY: | | |
| PREPARED BY: James Peterson | REVIEWED BY: | | |

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JOHN T. ROWE, JR

DocuSigned by:
John T. Rowe, Jr.
841D60C14SEE4F5...
4/2/2015
DATE

| REVISIONS | INIT. | DATE |
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SIG. INVENTORY NO. 05-1027T4