

**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 = 1.1

PRESS '+' TWICE

OVERLAP [3]:  
LOADSWITCH = 11      NOTE: FOR SIGNAL HEAD 21  
VEH SET 1 = 6  
YELLOW CLEARANCE = 4.1  
RED CLEARANCE = 1.1

PRESS '+'

OVERLAP [4]:  
LOADSWITCH = 12      NOTE: FOR SIGNAL HEAD 41  
VEH SET 1 = 8  
YELLOW CLEARANCE = 3.9  
RED CLEARANCE = 1.5

END OF OVERLAP PROGRAMMING

**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.

**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.

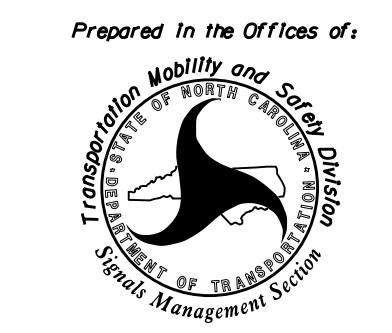
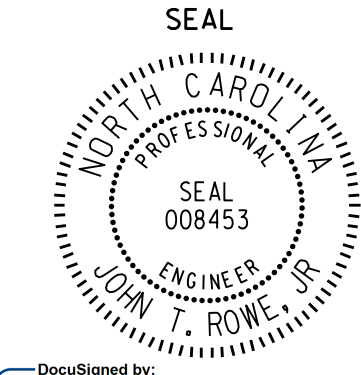
THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 05-1027T1  
DESIGNED: September 2014  
SEALED: 4-02-15  
REVISED: N/A

**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

Electrical Detail - Sheet 2 of 2

	ELECTRICAL AND PROGRAMMING DETAILS FOR: NC 55 (North Alston Avenue) at NC 70 (Holloway Street)	
	Division 5      Durham County      as      Durham PLAN DATE: November 2014      REVIEWED BY: JTR PREPARED BY: James Peterson      REVIEWED BY:	

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