

**OVERLAP [3] PROGRAMMING DETAIL**

Program overlap as follows:  
Main Menu - 4) OVERLAP

PRESS '+' TWICE

OVERLAP [3]:

LOADSWITCH = 11  
VEH SET 1 = 2+6  
YELLOW CLEARANCE = 4.1  
RED CLEARANCE = 2.1

NOTE: FOR SIGNAL HEAD 21

END OF OVERLAP PROGRAMMING

**FYA PPLT PROGRAMMING  
(SIGNAL HEAD 11)**

1. Program Flashing Yellow Arrow phases as follows:  
Main Menu - 1) PHASE - 2) PHASE FUNCTIONS PAGE TWO  
PPLT FYA = PHASE 1
2. Assign output pin for Flashing Yellow Arrow as follows:  
Main Menu - 6) OUTPUTS - F) FYA PPLT  
Phase 1 = 99
3. Redirect RED and YELLOW outputs for the left turn phases as follows:  
Main Menu - 6) OUTPUTS - 8) REDIRECT PHASE  
Phase 1 RED = 97, Phase 1 YELLOW = 98

**EMERGENCY VEHICLE PREEMPTION PROGRAMMING**

1. Program EVB preempt as follows:  
Main Menu - 2) PREEMPT - 4) EMERGENCY VEHICLE  
EVB Clear = 2  
EVB Clearance Phases = 1.6
2. Program general preemption parameters as follows:  
Main Menu - 2) PREEMPT - 6) MISC PREEMPTION PARAMETERS  
Min Time Before PE ForceOff = 1
3. Ped Clear Before Preempt is a pedestrian timing parameter, and is programmed as follows:  
Main Menu - 1) PHASE - 5) PEDESTRIAN TIMING  
PHASE 4 MIN FDW = 9  
PHASE 6 MIN FDW = 4  
PHASE 8 MIN FDW = 8

Program extend time on optical detector units for 2.0 sec for EVB.

**SPECIAL NOTES EV PREEMPT PROGRAMMING**

Setting 'FYA DURING PREEMPT' to 'Y' eliminates yellow trap when transitioning to preempt from adjacent through phase.  
Main Menu - 9) UTILITIES - 9) MISC  
FYA DURING PREEMPT (Y/N) = Y

**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 = 3

**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.

**MIN WALK DURING PREEMPTION  
PROGRAMMING**

To disable MIN WALK pedestrian timing during preemption, program the controller as follows:  
Main Menu - 9) UTILITIES - 5) CONFIGURATION  
EXTRA TWO = 3

Electrical Detail - Temporary 5 - Sheet 2 of 2

ELECTRICAL AND PROGRAMMING  
DETAILS FOR:

NC 55 (South Alston Avenue)  
at  
SR 1926 (Angier Avenue)

SEAL



THIS ELECTRICAL DETAIL IS FOR  
THE SIGNAL DESIGN: 05-1026T5  
DESIGNED: March 2015  
SEALED: 04/02/2015  
REVISED: N/A



750 N. Greenfield Pkwy, Garner, NC 27529

PLAN DATE: March 2015	REVIEWED BY: T. Joyce
PREPARED BY: C. Strickland	REVIEWED BY:

REVISIONS	INIT.	DATE

DocuSigned by:  
*George C. Brown* 4/2/2015  
F12601E0B8B431  
DATE  
SIG. INVENTORY NO. 05-1026T5