

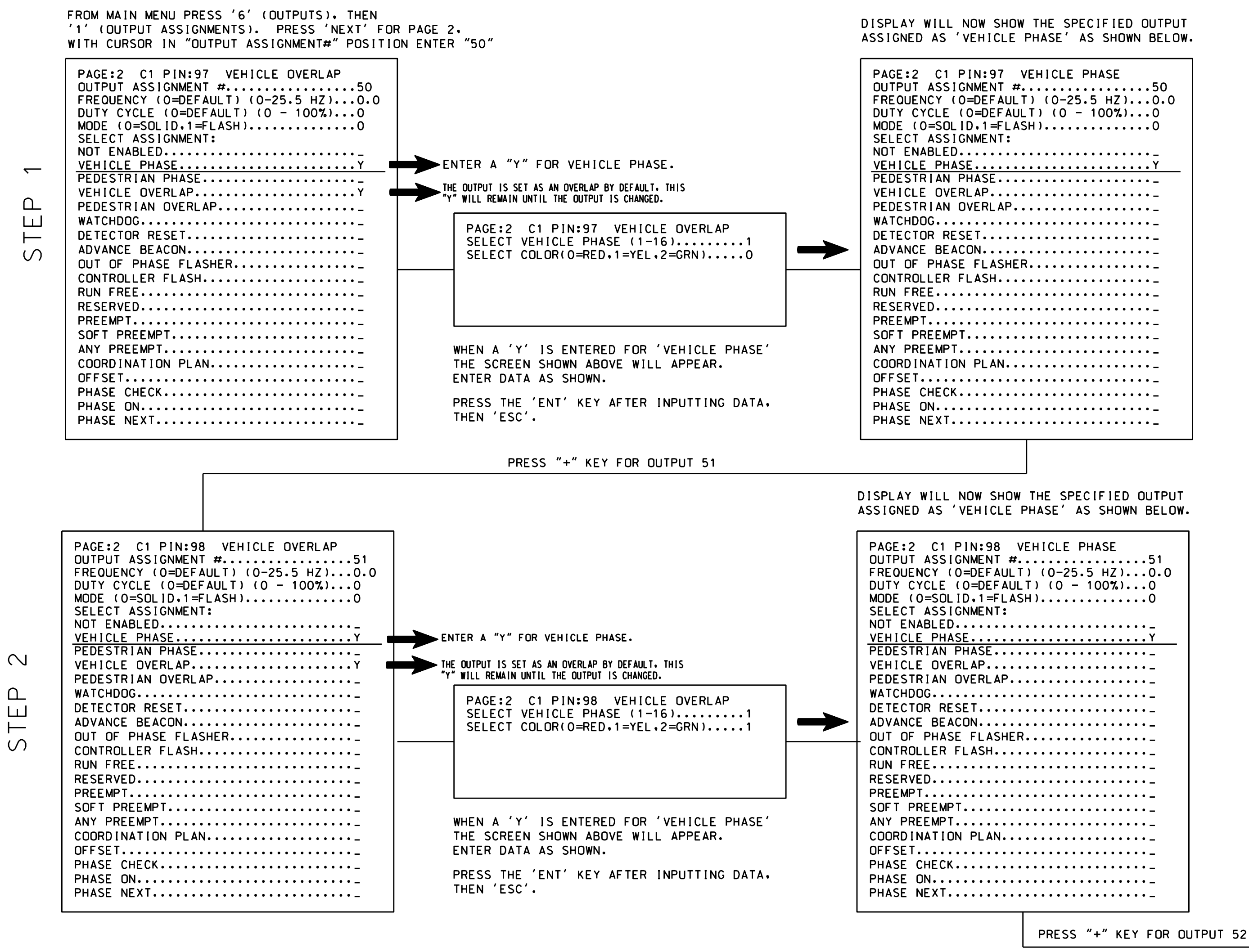
FYA-PPLT SIGNAL OUTPUT PAGE 2 ASSIGNMENT PROGRAMMING DETAIL FOR SIGNALS 11 AND 12

(program controller as shown below)

NOTE: THIS PROGRAMMING APPLIES FOR OUTPUT PAGE 2.  
OUTPUT PAGE 1 WILL USE STANDARD DEFAULT SETTINGS.  
THIS PROGRAMMING IS NECESSARY FOR THE ALTERNATE PHASING OPERATION.

OUTPUT ASSIGNMENTS FOR SIGNAL HEADS 11 AND 12

MAKE THE FOLLOWING CHANGES ON OUTPUT PAGE 2



TOD EVENT SCHEDULING PROGRAMMING DETAIL TO CALL ALTERNATE PHASING OPERATION

(program controller as shown below)

THIS EVENT SCHEDULING DETAIL SHOWS THE TOD PROGRAMMING STEPS NECESSARY FOR THE CONTROLLER TO OPERATE THE "ALTERNATE PHASING" AS SHOWN ON THE SIGNAL PLANS.

FROM MAIN MENU PRESS "B" (SCHEDULING)

EVENT NO.	EVENT TYPE	DESCRIPTION OF OPERATION
1	CHANGE OUTPUT PAGE (1-4).....2	MODIFIES CONTROL CIRCUITS FOR SIGNAL HEADS 11 AND 12.
2	DISABLE DET STRETCH / DELAY (1-64)..1	DELAY IS DISABLED FOR DETECTOR 1 (LOOP 1A).

NOTE: THE EVENTS ABOVE WILL ALLOW SIGNALS 11 AND 12 TO OPERATE IN THE PROTECTED ONLY MODE.

ALL EVENTS SHOWN ABOVE SHALL BE PROGRAMMED TO START AND STOP ON THE SAME TIMES AND DATES.

NOTE: THE OUTPUT ASSIGNMENT CHANGES, SHOWN ABOVE, ARE NECESSARY FOR THE TIME OF DAY OPERATION OF SIGNAL HEADS 11 AND 12. IN ALTERNATE PHASING (PROTECTED ONLY) OPERATION, THE RED ARROW CONTROL IS SWITCHED TO THE LEFT TURN PHASE RED. THE SOLID YELLOW ARROW CONTROL IS SWITCHED TO THE LEFT TURN PHASE YELLOW. IN ADDITION, THE FLASHING YELLOW ARROW IS SWITCHED OFF BY DISABLING THE OVERLAP GREEN OUTPUT.

THESE OUTPUT CHANGES ARE ACCOMPLISHED ON OUTPUT PAGE 2. THEREFORE IN ALTERNATE PHASING MODE THE OUTPUT PAGE IS SWITCHED TO 2.

THE OUTPUT PAGE CHANGE IS ACCOMPLISHED BY THE CONTROLLERS TOD EVENT SCHEDULER.

IN NORMAL PHASING (PPLT) MODE THE STANDARD, DEFAULT, OUTPUT ASSIGNMENTS ARE USED WHICH ARE DESIGNATED ON OUTPUT PAGE 1.

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THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 03-1014  
DESIGNED: February 2008  
SEALED: 5/6/2008  
REVISED: 7/22/2015

Electrical Detail - Sheet 3 of 3

US 421 (Carolina Beach Road) at Myrtle Grove South U-Turn

Division 3 New Hanover County Myrtle Grove

Prepared in the Offices of:  
Pacific Universities and Safety Systems, Inc.  
STATE OF NORTH CAROLINA  
Department of Transportation  
Signal Management Section  
750 Greenfield Pkwy, Garner, NC 27529

Prepared by: R. Hinshaw  
Reviewed by: [Signature]  
DATE: 7/23/2015

REVISIONS: No changes to this electrical plan. (WSA)

SEAL: JOHN T. ROWE, JR. ENGINEER 008453  
DocuSigned by: John T. Rowe, Jr. 7/23/2015

Not a certified document as to the Original Document but only as to the Revisions - This document originally issued and sealed by F. Royal Hinshaw, #032117, on 5/6/08. This document is only certified as to the revisions.

SIG. INVENTORY NO. 03-1014