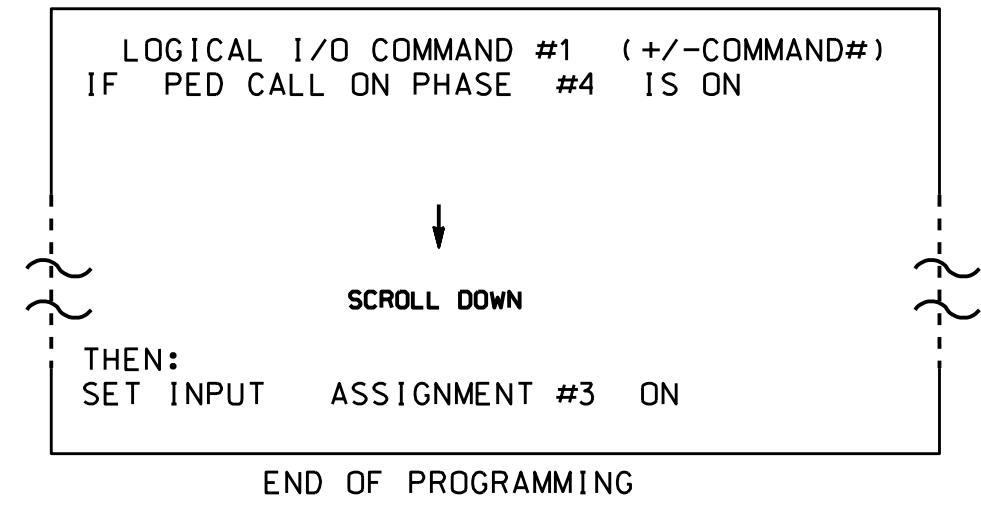


LOGICAL I/O PROCESSOR PROGRAMMING DETAIL
TO APPLY PHASE 4 VEH. CALL WITH PHASE 4 PED CALL

(program controller as shown below)

1. FROM MAIN MENU PRESS '2' (PHASE CONTROL), THEN '1' (PHASE CONTROL FUNCTIONS), SCROLL TO THE BOTTOM OF THE MENU AND ENABLE ACT LOGIC COMMAND 1.
2. FROM MAIN MENU PRESS '6' (OUTPUTS), THEN '3' (LOGICAL I/O PROCESSOR).



NOTE: THIS LOGIC ENSURES THAT WHENEVER A PHASE 4 PED CALL EXISTS, A PHASE 4 VEH. CALL WILL ALSO BE PLACED.

THIS IS NECESSARY SO THAT THE "DYNAMIC" PROGRAMMING OPERATES PROPERLY WHEN ONLY A PED CALL EXISTS IN THE FIELD ON PHASE 4.

INPUT REFERENCE
 INPUT 3 = VEH. DET. 4

DYNAMIC OMIT CONTROL PROGRAMMING

(program controller as shown below)

1. From Main Menu press '2' (Phase Control), then '1' (Phase Control Functions). Scroll to the bottom of the menu and enable Dynamic/Backup Control Functions 1 and 2.
2. From Phase Control Functions Menu press '2' (Dynamic/Backup Control Functions).

```

  DYNAMIC/BACKUP CONTROL FUNCTION #01
  OVERLAPS: ABCDEFGHIJKLMNOP
  IF OVERLAPS ARE ACTIVE :
  OR PHASES: 12345678910111213141516
  IF PHASES ARE ON: X X
  OMIT PHASES : X
  CALL PHASES : X
  
```

PRESS 'NEXT'

```

  DYNAMIC/BACKUP CONTROL FUNCTION #02
  OVERLAPS: ABCDEFGHIJKLMNOP
  IF OVERLAPS ARE ACTIVE :
  OR PHASES: 12345678910111213141516
  IF PHASES ARE ON: X
  OMIT PHASES : X
  CALL PHASES :
  
```

DYNAMIC OMIT PROGRAMMING COMPLETE

NOTE: THIS PROGRAMMING ENSURES THAT PHASE 3 WILL BE SERVED PRIOR TO PHASE 4 WHEN CONTROLLER IS ADVANCING FROM 2+6.

PHASE 3 IS USED TO PROVIDE EXTENDED RED CLEARANCE BEFORE SERVING PHASE 4.

PHASE SEQUENCE PROGRAMMING DETAIL

(program controller as shown below)

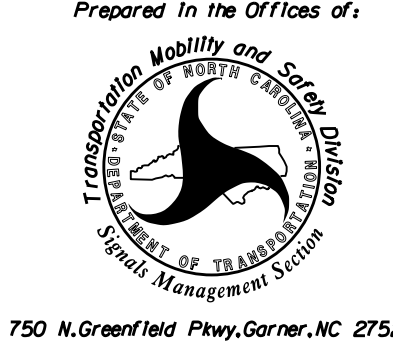
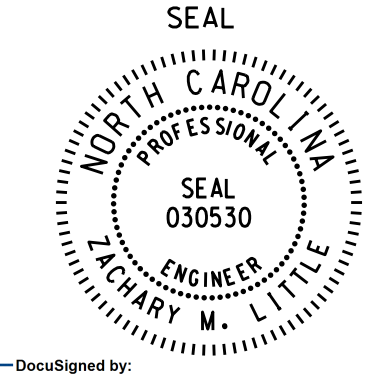
FROM DAVIS LOCAL CONTROLLER MAIN MENU
 SELECT: 4 PHASE SEQUENCE

PHASE SEQUENCE: PAGE 1 NEXT: PAGES)							
RNG	LEAD	BARRIER 1	X-LAG	LEAD	BARRIER 2	X-LAG	
1	0	2	0	3	4	0	0
2	0	6	0	0	8	0	0
3	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0

THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 13-0814
 DESIGNED: June 2016
 SEALED: 11/7/2016
 REVISED:

Electrical Detail - Sheet 2 of 2

DOCUMENT NOT CONSIDERED FINAL
 UNLESS ALL SIGNATURES COMPLETED

ELECTRICAL AND PROGRAMMING DETAILS FOR: Prepared In the Offices of: 	NC 280 (Airport Road) at I-26 Eastbound Ramps		SEAL 
	Division 13 Buncombe County Fletcher PLAN DATE: November 2016 REVIEWED BY: T. Joyce PREPARED BY: C. Strickland REVIEWED BY:	REVISIONS _____ INIT. DATE _____ _____	

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