

### PED DETECTOR PROGRAMMING DETAIL

- From Main Menu select **3 - PHASE DATA**
- From PHASE DATA Submenu select **7 - DETECTOR DATA**
- From DETECTOR DATA Submenu select **9-PED 1-8**
- From DETECTOR CONFIG DATA Submenu select **8-PEDESTRIAN DET 8+**

ASSIGN PHASE 3  
TO DETECTOR 8

```

PED DET 8   PHASE 12345678 90123456
ASSIGNED PHASES....00100000 00000000
SWITCH PHASES.....00000000 00000000
MODE 1     CALL 1     EXT/10 0
VOLUME 0   PASS 0     DLY/10 0
OCCUPY 0   ADDED 0    FAIL 255
LOCK 0     QUEUE 0    QLIMIT 0
    
```

PED DETECTOR PROGRAMMING COMPLETE

### OVERLAP PROGRAMMING DETAIL

- From Main Menu select **4 - UNIT DATA**
- From UNIT DATA Submenu select **3 - OVERLAP DATA**

Use Up/Dn/Left/Right keys to position cursor on the desired Overlap. Use the NEXT key to select the overlap type. Press the ENT key and then program as per the Overlap screen(s) shown.

```

OVERLAP DATA
A: --- E: --- I: --- M: ---
B: STD F: --- J: --- N: ---
C: --- G: --- K: --- O: ---
D: --- H: --- L: --- P: ---

PREV/NEXT TO CYCLE
    
```

OVERLAP B

Use Up/Dn/Left/Right keys to position cursor on Overlap 'B', use the NEXT key to select 'STD', then press ENT

```

OVERLAP - B      12345678 90123456
PARENTS: 00100000 00000000
+GRN PHASES: 00000000 00000000
-G/Y PHASES: 00000000 00000000
-PED PHASES: 00000000 00000000
TRAIL GREEN STANDARD: 0 YEL/10: 40
TRAIL GREEN PREEMPT: 0 RED/10: 20
    
```

END OVERLAP PROGRAMMING

### REMOTE FLASH PROGRAMMING DETAIL

(program controller as shown below)

- From Main Menu select **4 - UNIT DATA**
- From UNIT DATA Submenu select **2 - REMOTE FLASH**
- From FLASH Submenu select **1 - FLASH SETTINGS**

```

FLASH SETTINGS      TEST-A AS FLASH: 0

LDSW: 123456789 0123456789 0123456789 012
FLSH: 000100010 0000100000 0000000000 000
ALT: 000100000 0000100000 0000000000 000

O-DARK 1-RED 2-YELLOW 3-STEADY YELLOW
A-UP B-DN C-LT D-RT F-PRIOR MENU
    
```

PRESS 'F' TO RETURN TO FLASH

- From REMOTE FLASH Submenu select **2 - ENTRY/EXIT PHASES**

```

FLASH ENTRY/EXIT PHASES

PHASES: 12345678 90123456
ENTRY: 01000100 00000000
EXIT: 01000100 00000000

O-DARK 1-RED 2-YELLOW 3-STEADY YELLOW
A-UP B-DN C-LT D-RT F-PRIOR MENU
    
```

REMOTE FLASH PROGRAMMING COMPLETE

### ACCESSIBLE PEDESTRIAN SIGNAL (APS) INSTALLATION NOTES

- Install push buttons and APS equipment per manufacturer's instructions.
- Provide a dedicated cable to each push button per manufacturer's instructions.
- If APS equipment is mounted in cabinet, use filtered power (i.e., Controller Receptacle) to power APS equipment. Do not use Equipment Receptacle, which is a GFCI outlet.
- Never attempt to operate a standard contact closure push button with the APS system unless cabinet is re-wired for standard button operation or unless explicitly allowed by the manufacturer.
- Place manufacturer's instructions in cabinet with cabinet prints, signal plans, and electrical details.
- An APS push button station that is designed to work without the need for interfacing with a pedestrian signal head shall be installed for applications where a push button is installed in a median without a pedestrian signal head.
- A push button with a single tactile arrow that points in both directions of travel shall be installed if the median separates two parallel crosswalks.

### LOAD SWITCH MAPPING DETAIL

(program controller as shown below)

- From Main Menu select **4 - UNIT DATA**
- From UNIT DATA Submenu select **9 - OUTPUT MAPPING**

```

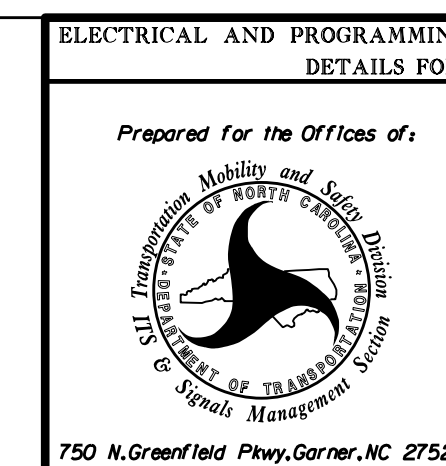
OUTPUT MAPPING      EDIT MODE: LDSW
                    E-TOGGLE MODE
LDSW ..7.. ..8.. ..9.. ..10.. ..11.. ..12..
RED PH5 PH6 PD6 PH7 PH8 [PD3]
YEL - - - - -
GRN - - - - -
FIO 7 8 9 10 11 12
PREV/NEXT TO CYCLE D-DISPLAY COMPAT
    
```

USE ENTER AND NEXT KEYS TO  
MAP 'LDSW 12', AS 'PD3'.

LOAD SWITCH MAPPING COMPLETE

Electrical Detail - Sheet 2 of 2

THIS ELECTRICAL DETAIL IS FOR  
THE SIGNAL DESIGN: 05-1785  
DESIGNED: February 2025  
SEALED: 03/27/2025  
REVISED: N/A

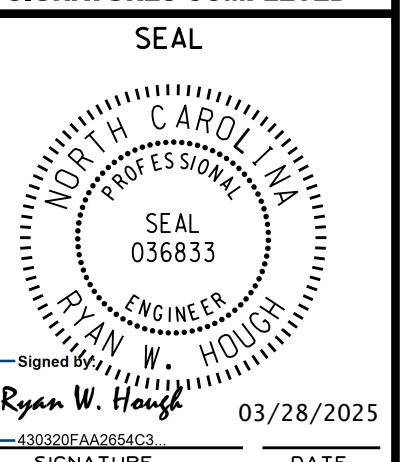


US 401 SB (Fayetteville Road)  
at U-Turn North of  
SR 1374 (Farm Road)

Division 5 Wake County Raleigh  
PLAN DATE: March 2025 REVIEWED BY:  
PREPARED BY: S. Kirkpatrick REVIEWED BY:

REVISIONS	INIT.	DATE

DOCUMENT NOT CONSIDERED  
FINAL UNLESS ALL  
SIGNATURES COMPLETED



Signed: Ryan W. Hough 03/28/2025  
438320FAA2664C3  
SIGNATURE DATE  
SIG. INVENTORY NO. 05-1785