

OVERLAP PROGRAMMING DETAIL

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

```

OVERLAP DATA
A: FYA   E: ---  I: ---  M: ---
B: FYA   F: ---  J: ---  N: ---
C: FYA   G: ---  K: ---  O: ---
D: FYA   H: ---  L: ---  P: ---
PREV/NEXT TO CYCLE
    
```

Press ESC

OVERLAP A

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

```

FYA OVERLAP - A      DELAY/10:  0
PHASES..12345678  90123456
PERM PHASES: 01000000 00000000
PROT PHASES: 10000000 00000000
-PED PHASES: 00000000 00000000
OVERLAPS..ABCDEFGH IJKLMNQP
PERM OVERLAPS: x0000000 00000000
PROT OVERLAPS: x0000000 00000000
    
```

NOTICE DELAY/10 = 0

Press ESC

OVERLAP B

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

```

FYA OVERLAP - B      DELAY/10:  0
PHASES..12345678  90123456
PERM PHASES: 00010000 00000000
PROT PHASES: 00100000 00000000
-PED PHASES: 00000000 00000000
OVERLAPS..ABCDEFGH IJKLMNQP
PERM OVERLAPS: 0x000000 00000000
PROT OVERLAPS: 0x000000 00000000
    
```

NOTICE DELAY/10 = 0

Press ESC

OVERLAP C

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

```

FYA OVERLAP - C      DELAY/10:  0
PHASES..12345678  90123456
PERM PHASES: 00000100 00000000
PROT PHASES: 00001000 00000000
-PED PHASES: 00000000 00000000
OVERLAPS..ABCDEFGH IJKLMNQP
PERM OVERLAPS: 00x00000 00000000
PROT OVERLAPS: 00x00000 00000000
    
```

NOTICE DELAY/10 = 0

Press ESC

OVERLAP D

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

```

FYA OVERLAP - D      DELAY/10:  0
PHASES..12345678  90123456
PERM PHASES: 00000001 00000000
PROT PHASES: 00000010 00000000
-PED PHASES: 00000000 00000000
OVERLAPS..ABCDEFGH IJKLMNQP
PERM OVERLAPS: 000x0000 00000000
PROT OVERLAPS: 000x0000 00000000
    
```

NOTICE DELAY/10 = 0

END OVERLAP PROGRAMMING

ADVANCE WALK PED PROGRAMMING DETAIL

(program controller as shown below)

- From Main Menu select **3 - PHASE DATA**
- From PHASE DATA Submenu select **3 - PEDESTRIAN DATA**
- From PEDESTRIAN DATA Submenu select **3 - PED OFFSET+**

```

PHASE.....1...2...3...4...5...6...7...8
WOFF/10  0 40  0  0  0 40  0 40
MODE      0  0  0  0  0  0  0  0
    
```

CODES: * 0-ADVANCE 1-DELAY

Advance Walk PED programming complete.

INIT & N.A. RESP PROGRAMMING DETAIL

- From Main Menu select **3 - PHASE DATA**
- From PHASE DATA Submenu select **4 - INIT & N.A RESP**

Note Phase 7 NOT used!

```

PHASE.....1...2...3...4...5...6...7...8...9
INITIAL  1  6  1  1  1  6  0  1  1
NA RESP  0  1  0  2  0  1  0  2  0

CODES.....0....1....2....3....4....5....6
INITL  NONE  INACT  RED  YEL  GRN  DRK  G/DW
NA RSP  NONE  NA1  NA2  1&2  ---  ---  ---
    
```

INIT & N.A. RESP PROGRAMMING COMPLETE

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.

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.

FLASHER CIRCUIT MODIFICATION DETAIL

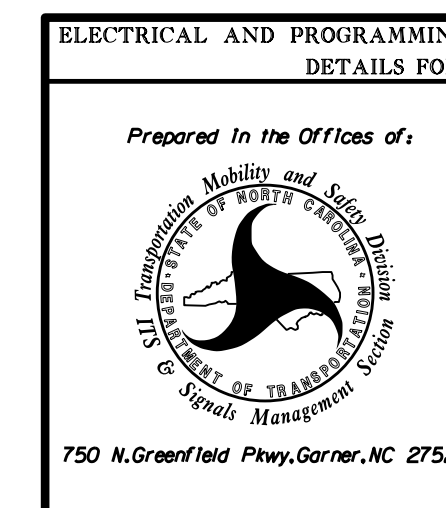
IN ORDER TO INSURE THAT SIGNALS FLASH CONCURRENTLY ON THE SAME APPROACH, MAKE THE FOLLOWING FLASHER CIRCUIT CHANGES:

- ON REAR OF PDA - REMOVE WIRE FROM TERM. T2-4 AND TERMINATE ON T2-2.
- ON REAR OF PDA - REMOVE WIRE FROM TERM. T2-5 AND TERMINATE ON T2-3.
- REMOVE FLASHER UNIT 2.

THE CHANGES LISTED ABOVE TIES ALL PHASES AND OVERLAPS TO FLASHER UNIT 1.

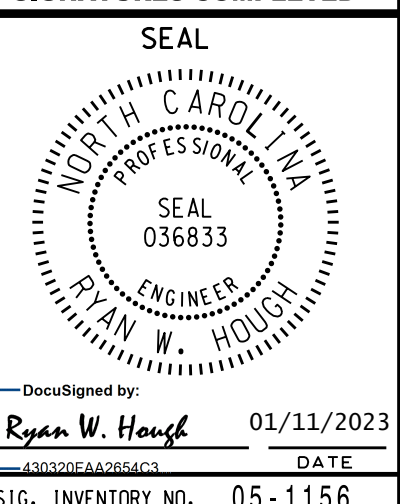
THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 05-1156
 DESIGNED: January 2023
 SEALED: 01/03/2023
 REVISED: N/A

Electrical Detail - Sheet 2 of 5



SR 2000 (Falls of Neuse Rd.) at SR 2012 (Litchford Rd.)	
Division 5	Wake County Raleigh
PLAN DATE: January 2023	REVIEWED BY:
PREPARED BY: S.Kirkpatrick	REVIEWED BY:
REVISIONS	INIT. DATE

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



DocuSigned by: Ryan W. Hough 01/11/2023
 13030FAA3866C3
 DATE
 SIG. INVENTORY NO. 05-1156