# OVERLAP PROGRAMMING DETAIL

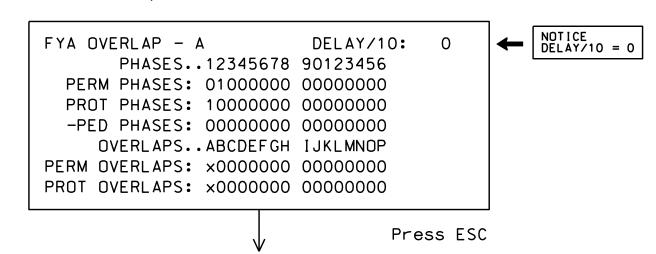1. From Main Menu select   4 – UNIT DATA

2. 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: FYA   E: ---   I: ---   M: ---
  B: ---   F: ---   J: ---   N: ---
  C: FYA   G: ---   K: ---   O: ---
  D: ---   H: ---   L: ---   P: ---

PREV/NEXT TO CYCLE
```

Press ESC

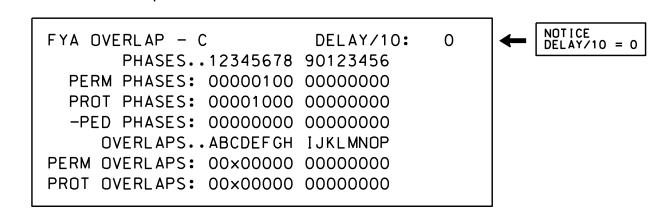## OVERLAP A

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 IJKLMNOP
  PERM OVERLAPS: x0000000 00000000
  PROT OVERLAPS: x0000000 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 IJKLMNOP
  PERM OVERLAPS: 00x00000 00000000
  PROT OVERLAPS: 00x00000 00000000
```
← NOTICE DELAY/10 = 0

END OVERLAP PROGRAMMING

# ADVANCE WALK PED PROGRAMMING DETAIL

*(program controller as shown below)*

1. From Main Menu select   3 – PHASE DATA

2. From PHASE DATA Submenu select   3 – PEDESTRIAN DATA

3. From PEDESTRIAN DATA Submenu select   3 – PED OFFSET+

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



 CODES: ✱ O-ADVANCE   1-DELAY
```

Advance Walk PED programming complete.

# INIT & N.A. RESP PROGRAMMING DETAIL

1. From Main Menu select   3 – PHASE DATA

2. From PHASE DATA Submenu select   4 – INIT & N.A RESP

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


 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

1. Install push buttons and APS equipment per manufacturer's instructions.

2. Provide a dedicated cable to each push button per manufacturer's instructions.

3. 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.

4. 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.

5. Place manufacturer's instructions in cabinet with cabinet prints, signal plans, and electrical details.

```
THIS ELECTRICAL DETAIL IS FOR
THE SIGNAL DESIGN: 05-1176
DESIGNED: January 2023
SEALED: 01/03/2023
REVISED: N/A
```

Electrical Detail - Sheet 2 of 4

ELECTRICAL AND PROGRAMMING DETAILS FOR:

Prepared In the Offices of:

SR 2000 (Falls of Neuse Rd.)
at
SR 2006 (Durant Rd.)

| Division 5 | Wake County | Raleigh |
|---|---|---|
| PLAN DATE: January 2023 | REVIEWED BY: | |
| PREPARED BY: S.Kirkpatrick | REVIEWED BY: | |

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ENGINEER
RYAN W. HOUGH

DocuSigned by:
Ryan W. Hough
01/11/2023
DATE

| REVISIONS | INIT. | DATE |
|---|---|---|

SIG. INVENTORY NO.   05-1176