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

PREV/NEXT TO CYCLE
```

Press ESC

OVERLAP D

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

```
OVERLAP – D    12345678 90123456
        PARENTS: 00011000 00000000
    +GRN PHASES: 00000000 00000000
    -GRN PHASES: 00000000 00000000
    -PED PHASES: 00000000 00000000
  TRAIL GREEN STANDARD:   0   YEL/10:   40
  TRAIL GREEN PREEMPT:    0   RED/10:   20
```

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    0    0    0
MODE       0    0    0    0    0    0    0    0


CODES:  ✱ 0-ADVANCE   1-DELAY
```

Advance Walk PED programming complete.

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.

FLASHER CIRCUIT MODIFICATION DETAIL

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

1. ON REAR OF PDA – REMOVE WIRE FROM TERM. T2-4 AND TERMINATE ON T2-2.

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

3. REMOVE FLASHER UNIT 2.

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

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   4   0   0
 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.

```
THIS ELECTRICAL DETAIL IS FOR
THE SIGNAL DESIGN: 05-2035
DESIGNED: January 2023
SEALED: 01/03/2023
REVISED: N/A
```

Electrical Detail - Sheet 2 of 2

ELECTRICAL AND PROGRAMMING DETAILS FOR:

SR 2000 (Falls of Neuse Rd.) at I-540 EB Ramps and Thorpshire Dr.

Prepared in the Offices of:

Division 5	Wake County	Raleigh

PLAN DATE: January 2023	REVIEWED BY:
PREPARED BY: S.Kirkpatrick	REVIEWED BY:

REVISIONS	INIT.	DATE

750 N.Greenfield Pkwy,Garner,NC 27529

SEAL

NORTH CAROLINA
PROFESSIONAL
SEAL
036833
ENGINEER
RYAN W. HOUGH

Ryan W. Hough   01/13/2023
DocuSigned by:

SIG. INVENTORY NO. 05-2035