

OVERLAP DATA PROGRAMMING DETAIL FOR OVERLAP B & C

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: FYA F: --- J: --- N: ---
C: FYA 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 'FYA', then press ENT

```

FYA OVERLAP - B          DELAY/10: 0
      PHASES..12345678  90123456
PERM PHASES: 00000001  00000000
PROT PHASES: 00000010  00000000
-PED PHASES: 00000000  00000000
      OVERLAPS..ABCDEFGH  IJ KLMNOP
PERM OVERLAPS: 0x000000  00000000
PROT OVERLAPS: 0x000000  00000000

```

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..ABCDEF GH IJ KLMNOP
      PERM OVERLAPS: 00x00000 00000000
      PROT OVERLAPS: 00x00000 00000000

```

END OF OVERLAP PROGRAMMING

ADVANCE WALK PED PROGRAMMING DETAIL

(program controller as shown below)

From the Main Menu, Press '3' (Phase Data)

Assign advanced walk to peds 2,6 and 8 as shown below.

| PHASE MENU | |
|---------------------------|---------------------|
| 1-VEHICLE DATA | 6-SPEC. SEQUENCE+ |
| 2-DENSITY TIMES+ | 7-DETECTOR DATA |
| 3-PEDESTRIAN DATA | 8-PHASE & BANK COPY |
| 4-INIT & NA RESP+ | 9-SELECT PHASE BANK |
| 5-N.LOCK & MISC+ | |
| '+' DENOTES BANKABLE DATA | |

```

PEDESTRIAN MENU

      1-PED TIMES+
      2-PED RECALL+
      3-PED OFFSET+
      4-MISC PED OPTIONS+

```

| PHASE..... | 1... | 2... | 3... | 4... | 5... | 6... | 7... | 8 |
|------------|------|------|------|------|------|------|------|----|
| WOFF / 10 | 0 | 70 | 0 | 0 | 0 | 70 | 0 | 70 |
| MODE * | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

CODES: * 0=ADVANCE 1=DELAY

[1]

ADVANCE WALK PED PROGRAMMING COMPLETE

INIT & N.A. RESP PROGRAMMING DETAIL

(program controller as shown below)

From Main Menu, press '3' (Phase Data)

```

SE-PAC PHASE DATA          PRESS # DESIRED

1-VEHICLE TIMES             6-N.LOCK & MISC
2-DENSITY TIMES             7-SPEC. SEQUENCE
3-PEDEST. TIMES             8-SPEC. DETECTOR
4-INIT & N.A. RESP         9-PHASE COPY
5-V & P RECALLS           0-MISC PED OPTIONS

                          F-PRIOR MENU

```

```

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

CODES.....0...1...2...3...4...5...6
INITL NONE   INACT RED  YEL GRN DRK G/DW
NA RESP NONE NA1  NA2  BOTH  ---  ---
A-UP B-DN C-LT D-RT E-ENTER F-PRIOR MENU

```

PHASES 1, 3, 7 
NOT USED!

← CODE 6 (G/DW) ALLOWS PHASES
2 AND 6 TO START IN GREEN
AND SKIP THE PED PHASE

INIT & N.A. RESP PROGRAMMING COMPLETE

REMOTE FLASH PROGRAMMING DETAIL

(program controller as shown below)

FROM MAIN MENU PRESS 4 (UNIT DATA)

| UNIT DATA | |
|--------------------------------|--------------------|
| 1- STARTUP & MISC | 6- SEQUENCES |
| 2- FLASH | 7- PORT 1/ITS DATA |
| 3- OVERLAP DATA | 8- I/O MISC |
| 4- PEER-TO-PEER | 9- PUTPUT MAPPING |
| 5- RING STRUCTURE | B-BANK SELECTION |
| | C-COPY BANK |
| '+' DENOTES BANKABLE UNIT DATA | |

FLASH

- 1- REMOTE FLASH SETTINGS
- 2- REMOTE FLASH ENTRY/EXIT PHASES
- 3- CABINET FLASH SETTINGS

```

REMOTE FLASH SETTINGS          TEST-A FLASH:
LDSW:123456789 0123456789 0123456789 012
FLSH:010000110 0100101000 0000000000 000
ALT:010000100 0000001000 0000000000 000

0-DARK  1-RED  2-YELLOW  3-STEADY YELLOW

```

SELECT 'F' RETURN TO FLASH MENU

FLASH

- 1- REMOTE FLASH SETTINGS
- 2- REMOTE FLASH ENTRY/EXIT PHASES
- 3- CABINET FLASH SETTINGS

```
REMOTE FLASH ENTRY/EXIT PHASES

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

REMOTE FLASH PROGRAMMING COMPLETE

ALL RED FLASH STARTUP PROGRAMMING DETAIL

(program controller as shown below)

FROM MAIN MENU PRESS 4 (UNIT DATA)

| UNIT DATA | |
|--------------------------------|--------------------|
| 1- STARTUP & MISC | 6- SEQUENCES |
| 2- FLASH | 7- PORT 1/ITS DATA |
| 3- OVERLAP DATA | 8- I/O MISC |
| 4- PEER-TO-PEER | 9- PUTPUT MAPPING |
| 5- RING STRUCTURE | B-BANK SELECTION |
| | C-COPY BANK |
| '+' DENOTES BANKABLE UNIT DATA | |

[1]

```

STARTUP & MISC
STARTUP TIME.: 6 (SEC) STATE: 2 (0-FL
RED REV/10...: 40 (TSEC)                1-RED
AUTO PED CLR.: 0 (0-NO 1-YES)           2-RAF )
STOP T RESET.: 0 (0-NO 1-YES)
SEQUENCE.....: 0 (0-18)
SPECIAL SEQ  : 0 (SEE HELP)



```

STARTUP PROGRAMMING COMPLETE

THIS ELECTRICAL DETAIL IS FOR
THE SIGNAL DESIGN: 12-0954
DESIGNED: October 2023
SEALED: 09/06/2024
REVISED: N/A

Signal Upgrade -
Electrical Detail - Sheet 2 of 3

**DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED**

| | | |
|--|---|---|
| ELECTRICAL AND PROGRAMMING DETAILS FOR: | NC 127 SE at SR 1692 (1st Ave SE) | SEAL  |
| Prepared For:  | Catawba County Hickory | |
| Division 12 | | |
| PLAN DATE: | January 2024 | REVIEWED BY: N.K. Vlanich |
| PREPARED BY: | E.E. Tiller | REVIEWED BY: N.R. Simmons |
| REVISIONS | INIT. | DATE |
| | | |