

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

PREV/NEXT TO CYCLE
    
```

### 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 IJKLMNPD
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: 10000000 00000000
-PED PHASES: 00000000 00000000
OVERLAPS..ABCDEFGH IJKLMNPD
PERM OVERLAPS: 0x000000 00000000
PROT OVERLAPS: 0x000000 00000000
    
```

NOTICE  
DELAY/10 = 0

Press ESC

### OVERLAP G

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

```

OVERLAP - G      12345678 90123456
PARENTS: 10000000 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

## 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.

## LOAD SWITCH MAPPING DETAIL

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

USE ENTER AND NEXT KEYS  
TO MAP 'LDSW 4' AS 'OLG'

```

OUTPUT MAPPING          EDIT MODE: LDSW
                        E-TOGGLE MODE
LDSW ..1.. ..2.. ..3.. ..4.. ..5.. ..6..
RED PH1  PH2  PD2  OLG  PH4  PD4
YEL  -    -    -    -    -    -
GRN  -    -    -    -    -    -
FIO  1    2    3    4    5    6
PREV/NEXT TO CYCLE    D-DISPLAY COMPAT
    
```

LOAD SWITCH MAPPING COMPLETE

## 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.

## INIT & N.A. RESP PROGRAMMING DETAIL

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


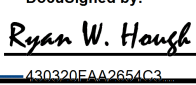
```

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

THIS ELECTRICAL DETAIL IS FOR  
THE SIGNAL DESIGN: 05-2293T2  
DESIGNED: July 2019  
SEALED: 8/22/2019  
REVISED: N/A

|  |  |   |  |             |  |         |  |                         |              |  |  |  |  |                           |              |  |  |  |  |           |       |      |  |  |  |  |  |  |  |  |  |   |
|--|--|---|--|-------------|--|---------|--|-------------------------|--------------|--|--|--|--|---------------------------|--------------|--|--|--|--|-----------|-------|------|--|--|--|--|--|--|--|--|--|---|
| Electrical Detail - Temp. Design 2 (TMP Phase III)<br>Sheet 2 of 3   |  | <div style="border: 1px solid black; padding: 5px; text-align: center;"> <b>SR 2000 (Falls of Neuse Rd.)<br/>at<br/>Morrocroft Drive</b> </div> | <div style="border: 1px solid black; padding: 5px; text-align: center;"> <small>DOCUMENT NOT CONSIDERED<br/>FINAL UNLESS ALL<br/>SIGNATURES COMPLETED</small> </div> |             |  |         |  |                         |              |  |  |  |  |                           |              |  |  |  |  |           |       |      |  |  |  |  |  |  |  |  |  |   |
| <small>Prepared In the Offices of:</small><br><br><small>750 N. Greenfield Pkwy, Garner, NC 27529</small> | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2">Division 5</td> <td colspan="2">Wake County</td> <td colspan="2">Raleigh</td> </tr> <tr> <td>PLAN DATE: October 2021</td> <td>REVIEWED BY:</td> <td colspan="2"></td> <td colspan="2"></td> </tr> <tr> <td>PREPARED BY: S. Armstrong</td> <td>REVIEWED BY:</td> <td colspan="2"></td> <td colspan="2"></td> </tr> <tr> <td>REVISIONS</td> <td>INIT.</td> <td colspan="2">DATE</td> <td colspan="2"></td> </tr> <tr> <td></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> </tr> </table> | Division 5  |  | Wake County |  | Raleigh |  | PLAN DATE: October 2021 | REVIEWED BY: |  |  |  |  | PREPARED BY: S. Armstrong | REVIEWED BY: |  |  |  |  | REVISIONS | INIT. | DATE |  |  |  |  |  |  |  |  |  | <div style="border: 1px solid black; padding: 5px; text-align: center;"> <small>DocuSigned by:</small><br/> <br/> <small>03/07/2022</small><br/> <small>430320FA82256473</small><br/> <small>SIG. INVENTORY NO. 05-2293T2</small> </div> |
| Division 5   |  | Wake County   |  | Raleigh     |  |         |  |                         |              |  |  |  |  |                           |              |  |  |  |  |           |       |      |  |  |  |  |  |  |  |  |  |   |
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| PREPARED BY: S. Armstrong  | REVIEWED BY:   |   |  |             |  |         |  |                         |              |  |  |  |  |                           |              |  |  |  |  |           |       |      |  |  |  |  |  |  |  |  |  |   |
| REVISIONS  | INIT.  | DATE  |  |             |  |         |  |                         |              |  |  |  |  |                           |              |  |  |  |  |           |       |      |  |  |  |  |  |  |  |  |  |   |
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