

OVERLAP PROGRAMMING DETAIL

(program controller as shown below)

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: FYA   F: ---   J: ---   N: ---
C: FYA   G: ---   K: ---   O: ---
D: FYA   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           MIN PERM: 1
PHASES..12345678 90123456
PROT PHASES: 10000000 00000000 DELAY/10
PERM PHASES: 01000000 00000000 FYA: 0
-PED PHASES: 00000000 00000000 -PED: 30
OVERLAPS..ABCDEFGH IJKLMNOP
PROT 0-LAPS: x0000000 00000000
PERM 0-LAPS: x0000000 00000000
    
```

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           MIN PERM: 1
PHASES..12345678 90123456
PROT PHASES: 00100000 00000000 DELAY/10
PERM PHASES: 00010000 00000000 FYA: 0
-PED PHASES: 00000000 00000000 -PED: 30
OVERLAPS..ABCDEFGH IJKLMNOP
PROT 0-LAPS: 0x0000000 00000000
PERM 0-LAPS: 0x0000000 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           MIN PERM: 1
PHASES..12345678 90123456
PROT PHASES: 00001000 00000000 DELAY/10
PERM PHASES: 00000100 00000000 FYA: 0
-PED PHASES: 00000000 00000000 -PED: 30
OVERLAPS..ABCDEFGH IJKLMNOP
PROT 0-LAPS: 00x00000 00000000
PERM 0-LAPS: 00x00000 00000000
    
```

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           MIN PERM: 1
PHASES..12345678 90123456
PROT PHASES: 00000010 00000000 DELAY/10
PERM PHASES: 00000001 00000000 FYA: 0
-PED PHASES: 00000000 00000000 -PED: 30
OVERLAPS..ABCDEFGH IJKLMNOP
PROT 0-LAPS: 000x0000 00000000
PERM 0-LAPS: 000x0000 00000000
    
```

OVERLAP PROGRAMMING COMPLETE

REMOTE FLASH PROGRAMMING DETAIL

(program controller as shown below)

1. From Main Menu select **4-UNIT DATA**
2. From UNIT DATA Submenu select **2-FLASH**
3. From FLASH Submenu select **1-REMOTE FLASH SETTINGS**

```

REMOTE FLASH SETTINGS   TEST-A FLASH: 0
LDSW:123456789 0123456789 0123456789 012
FLSH:110010110 0101101100 0000000000 000
ALT:010010100 0000001100 0000000000 000

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

PRESS 'F' TO RETURN TO FLASH

4. From REMOTE FLASH Submenu select **2-REMOTE FLASH ENTRY/EXIT PHASES**

```

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)

1. From Main Menu select **4-UNIT DATA**
2. From UNIT DATA Submenu select **1-STARTUP & MISC**

```

STARTUP & MISC
STARTUP TIME..: 6 (SEC) STATE: 2 (0-FL 1-RED
RED REV/10...: 40 (TSEC)                2-RAF)
AUTO PED CLR..: 0 (0-NO 1-YES)
STOP T RESET..: 0 (0-NO 1-YES)
SEQUENCE.....: 1 (1-19)
SPECIAL SEQ ..: 0 (SEE HELP)
    
```

STARTUP PROGRAMMING COMPLETE

FLASHER CIRCUIT MODIFICATION DETAIL

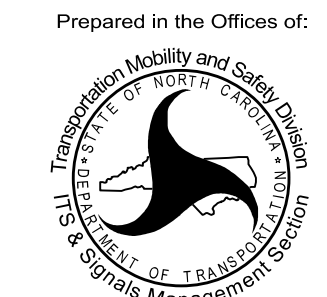
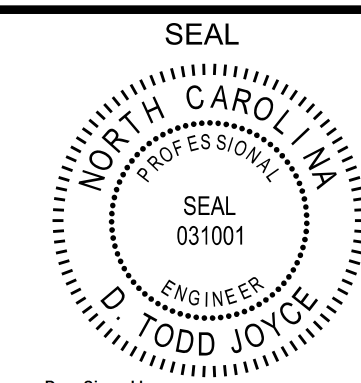
IN ORDER TO INSURE THAT SIGNALS FLASH CONCURRENTLY ON THE SAME APPROACH, MAKE THE FOLLOWING FLASHER CIRCUIT CHANGES:

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.

THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 05-1714
 DESIGNED: February 2025
 SEALED: 05/27/2025
 REVISED: N/A

Electrical Detail - Sheet 2 of 3

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	Division 5 Wake County Raleigh	PLAN DATE: May 2025 PREPARED BY: Tim Langston	
REVISIONS			INIT. DATE DATE

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED
 05/28/2025
 DATE
 SIG. INVENTORY NO. 05-1714

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