PROJECT REFERENCE NO.	SHEET NO.
U-5302	Sig.14.2

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 DETECTOR DATA Submenu select [3 - PED OFFSET +]

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


CODES:* 0=ADVANCE   1=DELAY
```

Advance Walk PED programming complete.

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
```

↓

OVERLAP D

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

```
OVERLAP - D        12345678 90123456
          PARENTS: 00000010 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

REMOTE FLASH PROGRAMMING DETAIL

(program controller as shown below)

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

```
FLASH SETTINGS          TEST-A AS FLASH: 0

 LDSW: 123456789 0123456789 0123456789 012
 FLSH: 010010000 1000000100 0000000000 000
  ALT: 000010000 0000000000 0000000000 000

0-DARK   1-RED   2-YELLOW  3-STEADY YELLOW
A-UP  B-DN  C-LT  D-RT        F-PRIOR MENU
```

PRESS 'F' TO RETURN TO FLASH

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

```
FLASH ENTRY/EXIT PHASES

     PHASES: 12345678 90123456
      ENTRY: 01000000 00000000
       EXIT: 01000000 00000000


0-DARK   1-RED   2-YELLOW  3-STEADY YELLOW
A-UP  B-DN  C-LT  D-RT        F-PRIOR MENU
```

REMOTE FLASH 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.
6. An APS push button station that is designed to work without the need for interfacing with a pedestrian signal head shall be installed for applications where a push button is installed in a median without a pedestrian signal head.
7. A push button with a single tactile arrow that points in both directions of travel shall be installed if the median separates two parallel crosswalks.

THIS ELECTRICAL DETAIL IS FOR
THE SIGNAL DESIGN: 05-1174
DESIGNED: February 2025
SEALED: 03/27/2025
REVISED: N/A

Electrical Detail - Sheet 2 of 2

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

ELECTRICAL AND PROGRAMMING DETAILS FOR:

Prepared for the Offices of:

Traffic Engineering Branch, Mobility and Safety Division, Signals Management Section, Division of Highways, State of North Carolina, Department of Transportation

750 N.Greenfield Pkwy,Garner,NC 27529

US 401 NB (Fayetteville Road)
at
Pinewinds Drive

Division 5 Wake County Raleigh

PLAN DATE: March 2025	REVIEWED BY:		
PREPARED BY: S.Kirkpatrick	REVIEWED BY:		
REVISIONS		INIT.	DATE

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 036833 ENGINEER RYAN W. HOUGH

Signed by: Ryan W. Hough
430320FAA2654C3

03/27/2025
SIGNATURE DATE

SIG. INVENTORY NO. 05-1174

27-MAR-2025 15:28
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$$USERNAME$$
skirkpatrick