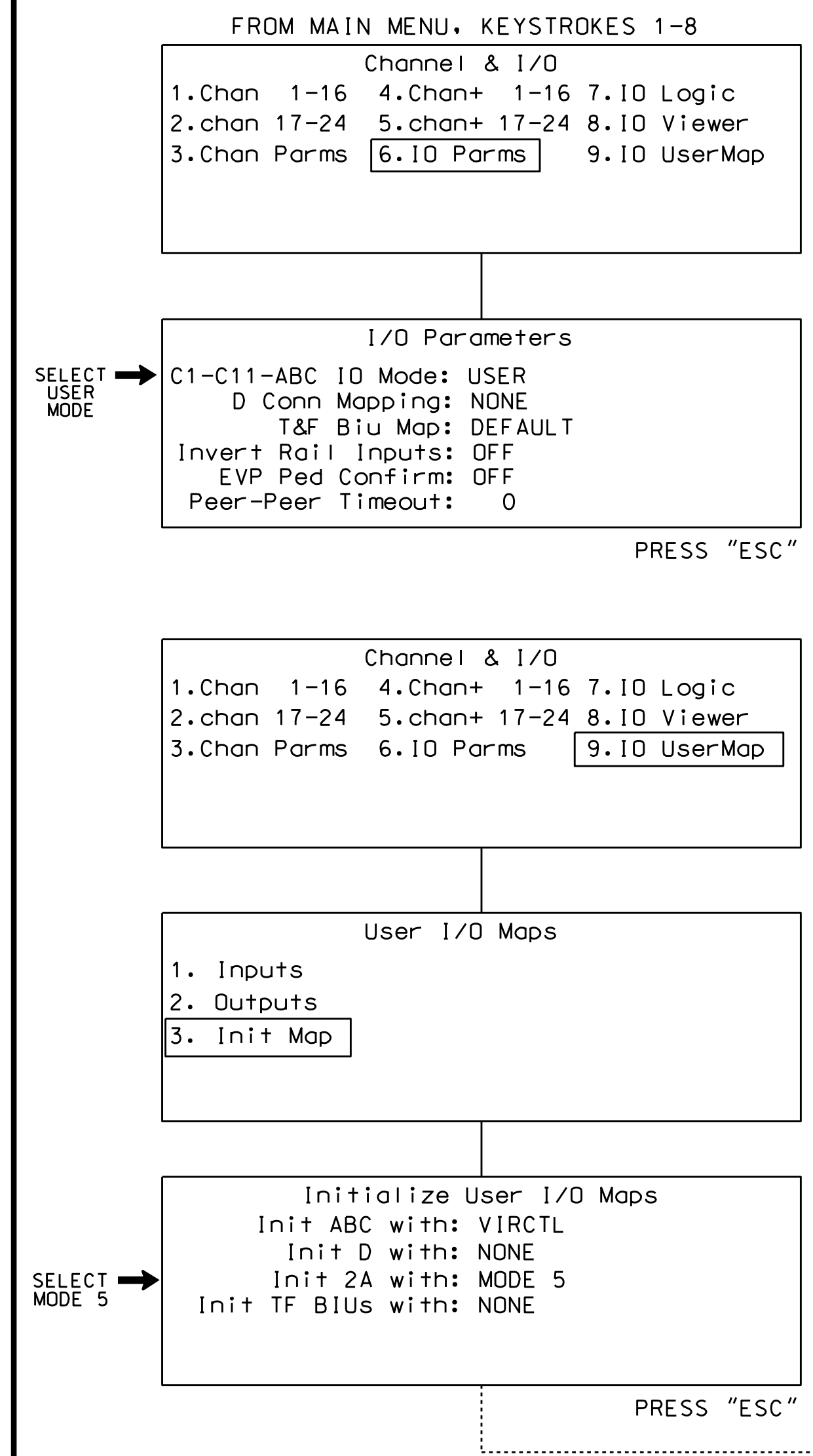


4-SECTION PPLT FYA OUTPUT PROGRAMMING DETAIL

(program controller as shown below)

- Before proceeding with output programming, be sure to switch the "RUN ENABLE STATUS" to "OFF". The "RUN ENABLE STATUS" setting is located from Main Menu, key strokes 1-7.
- The Flashing Yellow Arrow in a 4-section PPLT FYA head is controlled by a normally unused PED Yellow output. This programming takes a specific PED Yellow output and remaps it to the appropriate Overlap Green output.



User I/O Maps

1. Inputs
2. Outputs
3. Init Map

User Output Maps

1.NEMA A 4.NEMA D
2.NEMA B 5.FIO 2A
3.NEMA C 9.TS2 IO

PRESS "+" KEY TWICE

| Pin | Fcn | Description | Pin | Fcn | Description |
|-----|-----|-------------|------|-----|-------------|
| 4-5 | 54 | Ch6 Green | -4-6 | 5 | Ch5 Red |
| 4-7 | 29 | Ch5 Yellow | 4-8 | 53 | Ch5 Green |
| 5-1 | 37 | Ch13 Yellow | 5-2 | 39 | Ch15 Yellow |
| 5-3 | 0 | Unused | 5-4 | 0 | Unused |
| 5-5 | 115 | Not Used | 5-6 | 124 | LdSwrchFish |
| 5-7 | 115 | Not Used | 5-8 | 114 | Watchdog |
| 6-1 | 115 | Not Used | +6-2 | 115 | Not Used |

PRESS "+" KEY ONCE

| Pin | Fcn | Description | Pin | Fcn | Description |
|-----|-----|-------------|------|-----|-------------|
| 6-3 | 12 | Ch12 Red | -6-4 | 36 | Ch12 Yellow |
| 6-5 | 40 | Ch16 Yellow | 6-6 | 11 | Ch11 Red |
| 6-7 | 35 | Ch11 Yellow | 6-8 | 59 | Ch11 Green |
| 7-1 | 115 | Not Used | 7-2 | 115 | Not Used |
| 7-3 | 10 | Ch10 Red | 7-4 | 34 | Ch10 Yellow |
| 7-5 | 38 | Ch14 Yellow | 7-6 | 9 | Ch9 Red |
| 7-7 | 33 | Ch9 Yellow | +7-8 | 57 | Ch9 Green |

OUTPUT PROGRAMMING COMPLETE

Pin 5-3 (C1 pin 37) = Load Switch S6-Y
 Pin 5-4 (C1 pin 38) = Load Switch S12-Y
 Pin 7-5 (C1 pin 96) = Load Switch AUX S2-G
 Pin 6-5 (C1 pin 87) = Load Switch AUX S5-G

! Press the "*" key to return to Main Menu. Now go back to "RUN-ENABLE STATUS" and switch to "ON".

NOTE

I/O re-programming is necessary for proper FYA operation. See Channel & I/O Programming Detail For FYA Operation on this sheet.

CHANNEL & I/O PROGRAMMING DETAIL FOR FYA OPERATION

(program controller as shown below)

This programming takes the output that drives a Flashing Yellow Arrow and makes it flash. It also specifies which overlap is to be overridden for the FYA to display properly.

FROM MAIN MENU, KEYSTROKES 1-8

Channel & I/O
 1.Chan 1-16 4.Chan+ 1-16 7.IO Logic
 2.chan 17-24 5.chan+ 17-24 8.IO Viewer
 3.Chan Parm 6.IO Parm 9.IO UserMap

PRESS THE RIGHT ARROW KEY UNTIL THE SCREEN AT RIGHT APPEARS

Chan.1...2...3...4...5...6...7...8 >

Flash Red
 Flash Yel
 Flash Grn
 Inhibit Red Flash In
 Preempt
 Olap Ovrld 0 0 0 0 0 0 0 0

Chan.9..10..11..12..13..14..15..16

Flash Red
 Flash Yel X . X
 Flash Grn X . X
 Inhibit Red Flash In
 Preempt
 Olap Ovrld 0 0 0 0 0 2 0 4

Program the controller as shown above.

CHANNEL & I/O PROGRAMMING COMPLETE

NOTE

Output re-mapping is necessary for proper FYA operation. See the 4-Section PPLT FYA Output Programming Detail on this sheet.

GREEN DELAY PROGRAMMING DETAIL FOR LEADING PEDESTRIAN INTERVAL OPERATION

(program controller as shown below)

FROM MAIN MENU, KEYSTROKES 1-1

Channel & I/O
 1.Times 4.Ring,Start,Concur 7.Times+
 2.Options 5.Call,Inh,Redirect 8.Copy
 3.Options+ 6.Alt Progs+ 9.AdvWarn

PRESS "+" KEY ONCE

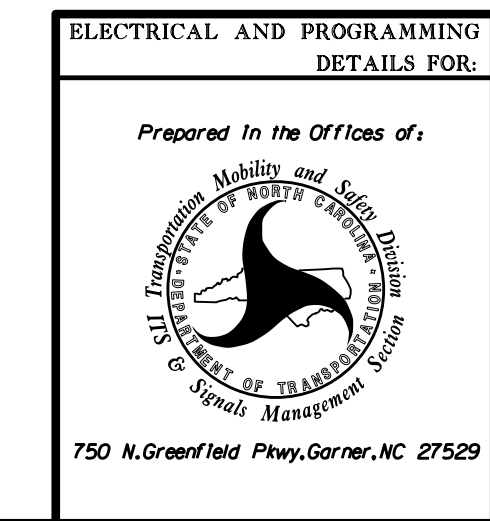
Options+ P..1..2..3..4..5..6..7.8 >

Ped Delay -
 Red Rest On Gap
 Conflicting P 0 0 0 0 0 0 0 0
 Grn/Ped Delay 0 3 0 3 0 3 0 3
 Omit Yel. Yel P 0 0 0 0 0 0 0 0
 Ped Out/Ovrld P 0 0 0 0 0 0 0 0
 StartYel.Next P + 0 0 0 0 0 0 0 0

CHANNEL & I/O PROGRAMMING COMPLETE

THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 07-0424
 DESIGNED: November 2023
 SEALED: 1/17/2024
 REVISED: N/A

Electrical Detail - Sheet 3 of 5



SR 3163 (E. Market Street) at Sykes Ave. & Lowdermilk Street

Division 7 Guilford County Greensboro

PLAN DATE: January 2024 REVIEWED BY:

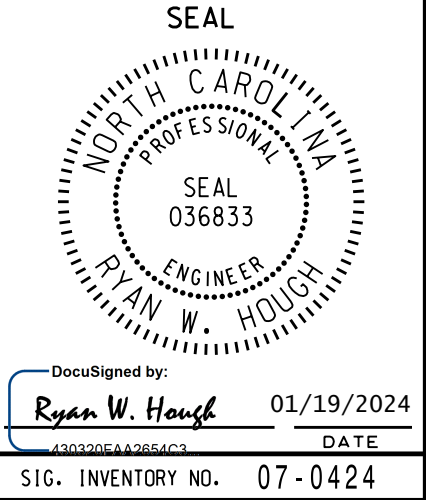
PREPARED BY: James Peterson REVIEWED BY:

| REVISIONS | INIT. | DATE |
|-----------|-------|------|
| | | |

DocuSigned by: Ryan W. Hough 01/19/2024

SIG. INVENTORY NO. 07-0424

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



18-1116-2024 12:21 S:\ITS\AS\115\Sig\el\work\hough\sig\man\peter.som\070424_smc.ele_20210301.dgn JJPeterson