

(program controller as shown)

1. From Main Menu select 1. CONFIGURATION
2. From CONFIGURATION Submenu select 8. LOGIC PROCESSOR
3. From the LOGIC PROCESSOR Submenu select 2. LOGIC STATEMENTS

|      |                    |            |   |         |     |       |
|------|--------------------|------------|---|---------|-----|-------|
| LP#: | 1                  | COPY FROM: | 1 | ACTIVE: | M   | (T/F) |
| IF   | PED ON PH WALK     |            | 2 | IS      | ON  |       |
| AND  | VEH GREEN ON PH    |            | 2 | IS      | OFF |       |
| THEN | SIG SET OLP RED    |            | 1 |         | ON  |       |
|      | SIG SET OLP YELLOW |            | 1 |         | OFF |       |
|      | SIG SET OVLP GREEN |            | 1 |         | OFF |       |
| ELSE |                    |            |   |         |     |       |

1. From Main Menu select 1. CONFIGURATION
2. From CONFIGURATION Submenu select 8. LOGIC PROCESSOR
3. From the LOGIC PROCESSOR Submenu select 1. LOGIC STATEMENT CONTROL

[illegible]

END PROGRAMMING

(program controller as shown)

1. From Main Menu select **2. CONTROLLER**
2. From CONTROLLER Submenu select **5. START/FLASH**

Scroll down on this screen and set "Exit Fl" to Green "G"

\*The NCDOT default database is programmed to address Yellow-Red flash.  
Logic Statement 100 must be modified as shown when running Red-Red flash.

1. From Main Menu select 1. CONFIGURATION
2. From CONFIGURATION Submenu select 8. LOGIC PROCESSOR
3. From LOGIC PROCESSOR Submenu select 2. LOGIC STATEMENTS

Change the "LP" to 100 and move the cursor down. Delete the two "CTR-SET" statements by moving the cursor over them and hitting the "C" key. then hit "ENTER", select "LP SET CIB ON", hit "ENT", and then set the number to 427.

THIS STATEMENT IS USED  
TO CONTROL THE FLASH  
SENSE INPUT WHEN RUNNING  
RED-RED FLASH OPERATION.

Hit "ESC", then 1 for "LOGIC STATEMENT CONTROL", next verify that LP#100 is ENABLED.

END PROGRAMMING



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.

Countdown Ped Signals are required to display timing only during Ped Clearance Interval. Consult Ped Signal Module user's manual for instructions on selecting this feature.

THIS ELECTRICAL DETAIL IS FOR  
THE SIGNAL DESIGN: 07-0935T5  
DESIGNED: January 2025  
SEALED: 03-14-2025  
REVISED: N/A

Electrical Detail - Sheet 4 of 4  
Temporary Design 5