ECONOLITE ASC/3-2070 OVERLAP PROGRAMMING DETAIL

(program controller as shown)

- 1. From Main Menu select | 2. CONTROLLER
- 2. From CONTROLLER Submenu select | 2. VEHICLE OVERLAPS
- 3. Press "Toggle" until positioned on Overlap E

OVERLAP E

Select TMG VEH OVLP [E] and 'NORMAL'

```
TMG VEH OVLP...[E] TYPE: ......NORMAL
 PHASES 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6
LAG GRN 0.0 YEL 0.0 RED 0.0
                      Toggle Once
```

OVERLAP F

Select TMG VEH OVLP [F] and 'NORMAL'

```
TMG VEH OVLP...[F] TYPE: ......NORMAL
 PHASES 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6
LAG GRN 0.0 YEL 0.0 RED 0.0
                      Toggle Once
```

OVERLAP G

Select TMG VEH OVLP [G] and 'NORMAL'

```
TMG VEH OVLP...[G] TYPE: ......NORMAL
 PHASES 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6
INCLUDED . . . X . . . . . . . . . . . . .
LAG GRN 0.0 YEL 0.0 RED 0.0
                              Toggle Once
```

OVERLAP H

Select TMG VEH OVLP [H] and 'NORMAL'

```
TMG VEH OVLP...[H] TYPE: ......NORMAL
 PHASES 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6
LAG GRN 0.0 YEL 0.0 RED 0.0
                      Toggle Once
```

OVERLAP I

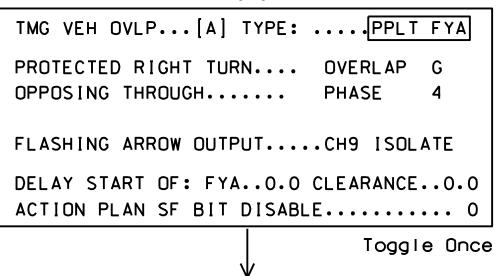
Select TMG VEH OVLP [I] and 'NORMAL'

```
TMG VEH OVLP...[I] TYPE: ......NORMAL
 PHASES 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6
LAG GRN 0.0 YEL 0.0 RED 0.0
```

Press Toggle until positioned over Overlap A

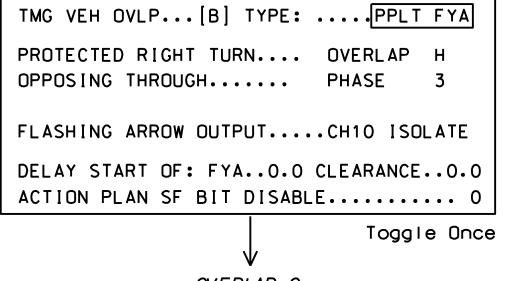
OVERLAP A

Select TMG VEH OVLP [A] and 'PPLT FYA'



OVERLAP B

Select TMG VEH OVLP [B] and 'PPLT FYA'



OVERLAP C

Select TMG VEH OVLP [C] and 'PPLT FYA'

TMG VEH OVLP[C] TYPE:PPLT FYA	
PROTECTED LEFT TURN PHASE 5 OPPOSING THROUGH PHASE 6	
FLASHING ARROW OUTPUTCH11 ISOLATE	
DELAY START OF: FYAO.O CLEARANCEO.O ACTION PLAN SF BIT DISABLE	NOTICE ACTION PLAN SF BIT "5"
Toggle Once)

OVERLAP D

Select TMG VEH OVLP [D] and 'PPLT FYA'

TMG VEH OVLP[D] TYPE:PPLT	FYA
PROTECTED RIGHT TURN OVERLAP	I
OPPOSING THROUGH PHASE	2
FLASHING ARROW OUTPUTCH12 ISC	LATE
DELAY START OF: FYAO.O CLEARANCE	0.0
ACTION PLAN SF BIT DISABLE	0

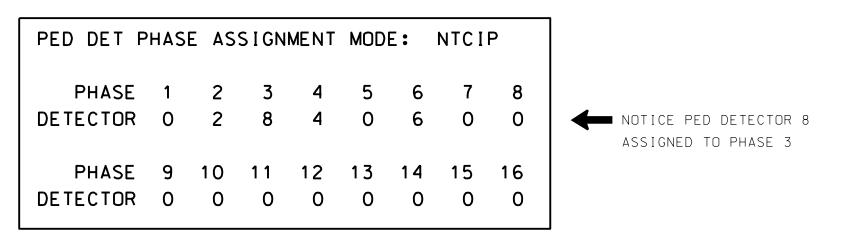
END PROGRAMMING

ECONOLITE ASC/3-2070 LOAD SWITCH AND

PED 3 PROGRAMMING ASSIGNMENT DETAIL

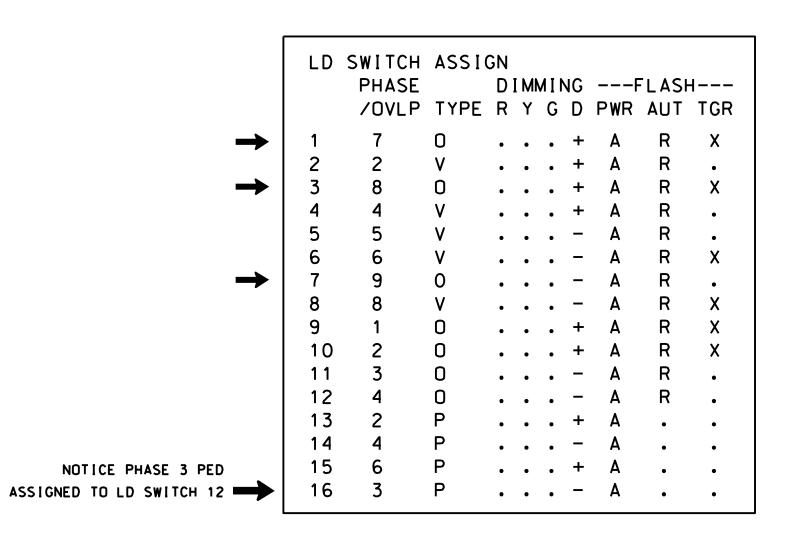
(program controller as shown)

- 1. From Main Menu select 6. DETECTORS
- 2. From DETECTOR Submenu select | 3. PED DETECTOR INPUT ASSIGNMENT



To assign load switch S1 as OLG, program LD SWITCH 1

- as OVLP '7' TYPE '0' as shown below.
- To assign load switch S4 as OLH, program LD SWITCH 3
- as OVLP '8' TYPE '0' as shown below.
- To assign load switch S10 as OLI, program LD SWITCH 7
- as OVLP '9' TYPE '0' as shown below.
- To reassign load switch S12 as PED 3, program LD SWITCH 16 as PHASE '3' TYPE 'P' as shown below.
- 1. From Main Menu select | 1. CONFIGURATION
- 2. From CONFIGURATION Submenu select | 3. LOAD SW ASSIGN



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.

8521 SIX FORKS ROAD, SUITE 400 RALEIGH, NC 27615 (919) 926-4100

THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 02-0500 DESIGNED: July 2025 SEALED: 07/22/2025 REVISED: N/A

|Signal Upgrade - Final Electrical Detail - Sheet 2 of 4

750 N.Greenfield Pkwy.Garner.NC 27529

ELECTRICAL AND PROGRAMMIN Prepared for the Offices of: Division O2 Pitt County PLAN DATE: July 2025 PREPARED BY: A.M. Kollar REVISIONS

SR 1467 (Stantonsburg Road) SR 1203 (Allen Road)

Greenvill REVIEWED BY: S.G. Haynie REVIEWED BY: INIT. DATE



DOCUMENT NOT CONSIDERED FINAL

UNLESS ALL SIGNATURES COMPLETED

SIG. INVENTORY NO. 02-0500