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# 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

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

### OVERLAP A

TMG VEH OVLP...[A] TYPE: .....PPLT FYA PROTECTED LEFT TURN.... PHASE 1 OPPOSING THROUGH..... PHASE 2 FLASHING ARROW OUTPUT....CH9 ISOLATE DELAY START OF: FYA..O.O CLEARANCE..O.O ACTION PLAN SF BIT DISABLE..... 1 Toggle Once

OVERLAP B Select TMG VEH OVLP [B] and 'PPLT FYA' TMG VEH OVLP...[B] TYPE: .... PPLT FYA

PROTECTED RIGHT TURN.... OVERLAP G OPPOSING THROUGH..... PHASE 6

FLASHING ARROW OUTPUT....CH10 ISOLATE DELAY START OF: FYA..O.O CLEARANCE..O.O ACTION PLAN SF BIT DISABLE..... 0 Toggle Once

OVERLAP C

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

TMG VEH OVLP...[C] TYPE: .... PPLT FYA PROTECTED RIGHT TURN.... OVERLAP H OPPOSING THROUGH..... PHASE 2 FLASHING ARROW OUTPUT....CH11 ISOLATE DELAY START OF: FYA..O.O CLEARANCE..O.O ACTION PLAN SF BIT DISABLE..... 0 Toggle Once

### OVERLAP D

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

TMG VEH OVLP...[D] TYPE: .... PPLT FYA PROTECTED LEFT TURN.... PHASE 7 OPPOSING THROUGH..... PHASE 8 FLASHING ARROW OUTPUT....CH12 ISOLATE DELAY START OF: FYA..O.O CLEARANCE..O.O ACTION PLAN SF BIT DISABLE..... 7

END PROGRAMMING

NOTICE ACTION PLAN SF BIT "7"

# ECONOLITE ASC/3-2070 LOAD SWITCH ASSIGNMENT DETAIL

### (program controller as shown)

To assign load switch S4 as OLG, program LD SWITCH 3 as OVLP '7' TYPE '0' as shown below. To assign load switch S7 as OLH, program LD SWITCH 5 as OVLP '8' TYPE '0' as shown below.

1. From Main Menu select | 1. CONFIGURATION

2. From CONFIGURATION Submenu select | 3. LOAD SW ASSIGN

LD SWITCH ASSIGN DIMMING ---FLASH---PHASE /OVLP TYPE R Y G D PWR AUT TGR

## COUNTDOWN PEDESTRIAN SIGNAL OPERATION

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.

# 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.

ELECTRICAL AND PROGRAMMIN Prepared for the Offices of:

US 13 (Dickinson Avenue)/ US 264 Alt at SR 1203

REVISED: N/A

(Greenville Boulevard)
Greenville Boulevard)
Gre Gŕeenvill REVIEWED BY: S.G. Havnie

PREPARED BY: A.M. Kollar REVIEWED BY: REVISIONS

029531 Steven G. Haynie 7/15/2025 SIG. INVENTORY NO. 02-0029

DOCUMENT NOT CONSIDERED FINAL

**UNLESS ALL SIGNATURES COMPLETED** 

8521 SIX FORKS ROAD, SUITE 400

750 N.Greenfield Pkwy,Garner,NC 27529

OVERLAP H

Select TMG VEH OVLP [H] and 'NORMAL'

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

NOTICE ACTION PLAN SF BIT "1"

|Signal Upgrade - Final Electrical Detail - Sheet 2 of 5

(Allen Road)/US 264 Alt PLAN DATE: July 2025

THIS ELECTRICAL DETAIL IS FOR

THE SIGNAL DESIGN: 02-0029

DESIGNED: July 2025 SEALED: 07/15/2025

INIT. DATE