# 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 G

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 LAG GRN 0.0 YEL 0.0 RED 0.0 Press Toggle until positioned over Overlap B OVERLAP B

Select TMG VEH OVLP [B] and 'NORMAL'

TMG VEH OVLP...[B] TYPE: .....NORMAL PROTECTED LEFT 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 Twice

OVERLAP D

Select TMG VEH OVLP [D] and 'NORMAL'

TMG VEH OVLP...[D] 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 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

# ECONOLITE ASC/3-2070 PED 3 PROGRAMMING ASSIGNMENT DETAIL AND LOAD SWITCH ASSIGNMENT DETAIL

(program controller as shown)

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

PED DET PHASE ASSIGNMENT MODE: NTCIP PHASE 1 2 3 4 5 6 7 8 DETECTOR 0 2 8 4 0 6 0 0 NOTICE PED DETECTOR 8 ASSIGNED TO PHASE 3 PHASE 9 10 11 12 13 14 15 16 DETECTOR O O O O O O

To assign load switch S4 as OLG, program LD SWITCH 3

- To reassign load switch S12 as PED 3, program LD SWITCH 16 as shown below.
- 1. From Main Menu select | 1. CONFIGURATION

as OVLP '7' TYPE '0' as shown below.

2. From CONFIGURATION Submenu select 3. LOAD SW ASSIGN

LD SWITCH ASSIGN DIMMING ---FLASH---/OVLP TYPE R Y G D PWR AUT TGR NOTICE OVLP 7 ASSIGNED TO LD SWITCH 3 NOTICE PHASE 3 PED ASSIGNED TO LD SWITCH 16 16 3 . . . – A

OVERLAP F

TMG VEH OVLP...[F] TYPE: OTHER/ECONOLITE PHASES 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6

FLSH GRN . . . 1 . . . . . . . . . . . . .

LAG GRN 0.0 YEL 0.0 RED 0.0 ADV GRN 0.0

END PROGRAMMING

Select TMG VEH OVLP [F] and 'OTHER/ECONOLITE'

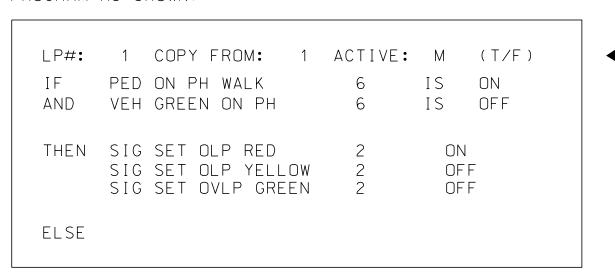
THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 10-0885 DESIGNED: February 2023 SEALED: February 21,2023 REVISED: \_\_\_\_\_

# ECONOLITE ASC/3-2070 LOGIC PROCESSOR PROGRAMMING FOR FYA SUPPRESSION DURING THE DELAYED GREEN PERIOD

(program controller as shown)

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

ENTER A "1" IN THE LP# FIELD, PRESS 'ENTER', AND PROGRAM AS SHOWN.



LOGIC STATEMENT FOR ADVANCE WALK WITH FYA'S. TURN FYA HEAD 63 OFF DURING PED 6 ADVANCE WALK.

PROJECT REFERENCE NO. | SHEET NO.

C-5621

Sig. 6.2

#### END PROGRAMMING

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

ENABLE LOGIC PROCESSOR STATEMENT 1 BY POSITIONING THE CURSOR OVER THE FIELDS SHOWN BELOW AND USING THE TOGGLE KEY TO ENABLE THEM.

LOGIC STA	СО	CONTROL														
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	
LP 1-15	Ε	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
LP 16-30	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
LP 31-45	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
LP 46-60	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
LP 61-75	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
LP 76-90	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	

END PROGRAMMING

This plan supersedes the signal plan signed and sealed by Steven G. Haynie, PE on 05/31/2022.



### Electrical Detail Sheet 2 of 2

Prepared for the Offices of:

US 21 (Catawba Avenue)/ Catawba Avenue at US 21 (Statesville Road)/ Cornelius

Holiday Lane
Division 10 Mecklenburg County PLAN DATE: March 2023 REVIEWED BY: V. Kaiser

PREPARED BY: S.G. Haynie REVIEWED BY: REVISIONS INIT. DATE

029531 Steven G. Haynie 3/8/2023 D633DCCPARD44B61RF ig. Inventory No. 10-0885

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