

## ECONOLITE ASC/3-2070 OVERLAP PROGRAMMING DETAIL

(program controller as shown)

- From Main Menu select 2. CONTROLLER
- From CONTROLLER Submenu select 2. VEHICLE OVERLAPS

OVERLAP A

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

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..0.0 CLEARANCE..0.0

ACTION PLAN SF BIT DISABLE..... 0

Toggle Twice

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 OUTPUT.....CH11 ISOLATE

DELAY START OF: FYA..0.0 CLEARANCE..0.0

ACTION PLAN SF BIT DISABLE..... 0

Toggle to 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

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

INCLUDED . . X . . . . . X . . . . .

LAG GRN 0.1 YEL 3.8 RED 2.5

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

INCLUDED . . X . . . . . X . . . . .

LAG GRN 0.1 YEL 3.8 RED 2.5

END PROGRAMMING

## ECONOLITE ASC/3-2070 LOAD SWITCH ASSIGNMENT DETAIL

(program controller as shown)

To assign load switches S4, S10 and S11 as OLI, OLG and OLH, program LD SWITCH 3 as OVLP '9', LD SWITCH 7 as OVLP '7' and LD SWITCH 8 as OVLP '8', all TYPE '0' as shown below.

- From Main Menu select 1. CONFIGURATION
- From CONFIGURATION Submenu select 3. LOAD SW ASSIGN

LD SWITCH	ASSIGN	PHASE	DIMMING	---FLASH---		
				/OVLP	TYPE	R Y G D PWR AUT TGR
1	1	V	. . . . +	A	R	X
2	2	V	. . . . +	A	Y	.
3	9	0	. . . . +	A	R	X
4	4	V	. . . . +	A	R	.
5	5	V	. . . . -	A	R	.
6	6	V	. . . . -	A	Y	X
7	7	0	. . . . -	A	R	X
8	8	0	. . . . -	A	Y	X
9	1	0	. . . . +	A	R	X
10	2	0	. . . . +	A	R	X
11	3	0	. . . . -	A	R	.
12	4	0	. . . . -	A	R	.
13	2	P	. . . . +	A	.	.
14	4	P	. . . . -	A	.	.
15	6	P	. . . . +	A	.	.
16	8	P	. . . . -	A	.	.

## ECONOLITE ASC/3-2070 CONTROLLER SEQUENCE PROGRAMMING DETAIL

(program controller as shown)

- From Main Menu select 1. CONFIGURATION
- From CONFIGURATION Submenu select 1. CONTROLLER SEQ
- From CONTROLLER SEQUENCE Submenu select 1. PHASE RING SEQUENCE AND ASSIGNMENT

CONTROLLER SEQUENCE [ 1 ]																
SEQUENCE	COMMANDS	HW	ALT	SEQ	ENA.	NO.										
01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	
BC-B	-	B	-	B	-	-	-	-	-	-	-	-	-	-	-	
R1	01	02	03	04	10	.	.	.	.	.	.	.	.	.	.	
R2	05	06	.	.	.	.	.	.	.	.	.	.	.	.	.	
R3	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
R4	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	

R1-R4=RING 1-4, DATA ENTRY, PHASES 1-16  
 BC=BARRIER CONTROL, VALUES: B,C  
 B=BARRIER MODE  
 C=COMPATIBILITY MODE

END PROGRAMMING

THIS ELECTRICAL DETAIL IS FOR  
THE SIGNAL DESIGN: 01-0219  
DESIGNED: September 2018  
SEALED: 09/21/2018  
REVISED: N/A

## ECONOLITE ASC/3-2070 VEHICLE DETECTOR SETUP PROGRAMMING DETAIL

(program controller as shown)

- From Main Menu select 6. DETECTORS
- From DETECTOR Submenu select 2. VEHICLE DETECTOR SETUP

VEH DETECTOR [32] VEH DET PLAN [ 1 ]

TYPE: S-STANDARD

TS2 DETECTOR..... X ECPI LOG..... NO

DET PH - 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6

32 3 . . X . . . . . X . . . . .

EXTEND TIME... 0.0 DELAY TIME... 10.0

USE ADDED INITIAL . CROSS SWITCH PH.. 0

LOCK IN..... NONE NTCIP VOL . OR OCC .

PMT QUEUE DELAY. NO

VEH DETECTOR [42] VEH DET PLAN [ 1 ]

TYPE: S-STANDARD

TS2 DETECTOR..... X ECPI LOG..... NO

DET PH - 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6

42 3 . . X . . . . . X . . . . .

EXTEND TIME... 0.0 DELAY TIME... 15.0

USE ADDED INITIAL . CROSS SWITCH PH.. 0

LOCK IN..... NONE NTCIP VOL . OR OCC .

PMT QUEUE DELAY. NO

END PROGRAMMING

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**PLANS PREPARED BY :**

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ELECTRICAL AND PROGRAMMING DETAILS FOR:

Prepared for the Offices of:

750 N. Greenfield Pkwy, Garner, NC 27529

NC 344 (Halstead Boulevard)  
at  
SR 1269 (Herrington Road)

Division 1 Pasquotank County Elizabeth City

PLAN DATE: September 2018 REVIEWED BY: J O Deaton

PREPARED BY: M W Yalch REVIEWED BY:

REVISIONS	INIT.	DATE

DOCUMENT NOT CONSIDERED  
FINAL UNLESS ALL  
SIGNATURES COMPLETED

SEAL

DocuSigned by:  
**James O. Deaton** 9/21/2018

DATE

SIG. INVENTORY NO. 01-0219