

### ECONOLITE ASC/3-2070 LOGIC PROCESSOR PROGRAMMING DETAIL FOR LEADING PED INTERVAL (DELAYED GREEN)

(program controller as shown)

The following logic processor configuration holds the FYA's on signal heads 11, 41 and 51 red for the duration of the delayed green time (leading ped interval) when serving a ped call on the opposing through phase.

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

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

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						

HOLD SIGNAL HEAD 11 FYA RED DURING THE PHASE 2 DELAYED GREEN TIME (LEADING PED INTERVAL)

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

ENABLE LOGIC PROCESSOR STATEMENTS 1-4 BY POSITIONING THE CURSOR OVER THE FIELDS SHOWN BELOW AND USING THE TOGGLE KEY TO ENABLE THEM .

LOGIC STATEMENT CONTROL																
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6
LP 1-15	E	E	E	.	.	.	.	.	.	.	.	.	.	.	.	.
LP 16-30	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
LP 31-45	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
LP 46-60	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
LP 61-75	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
LP 76-90	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.

END PROGRAMMING

ENTER A "2" IN THE LP# FIELD. PRESS 'ENTER'. AND PROGRAM AS SHOWN.

LP#:	2	COPY FROM:	2	ACTIVE:	M	(T/F)
IF	PED ON PH WALK		8	IS	ON	
AND	VEH GREEN ON PH		8	IS	OFF	
THEN	SIG SET OLP RED		4		ON	
	SIG SET OLP YELLOW		4		OFF	
	SIG SET OVLP GREEN		4		OFF	
ELSE						

HOLD SIGNAL HEAD 41 FYA RED DURING THE PHASE 8 DELAYED GREEN TIME (LEADING PED INTERVAL)

ENTER A "3" IN THE LP# FIELD. PRESS 'ENTER'. AND PROGRAM AS SHOWN.

LP#:	3	COPY FROM:	3	ACTIVE:	M	(T/F)
IF	PED ON PH WALK		6	IS	ON	
AND	VEH GREEN ON PH		6	IS	OFF	
THEN	SIG SET OLP RED		3		ON	
	SIG SET OLP YELLOW		3		OFF	
	SIG SET OVLP GREEN		3		OFF	
ELSE						

HOLD SIGNAL HEAD 51 FYA RED DURING THE PHASE 6 DELAYED GREEN TIME (LEADING PED INTERVAL)

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

(program controller as shown)

All channels must be programmed to flash red in controller for red-red flash operation as shown below. Notice "AUT" for all channels is programmed for RED.

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

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

THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 07-2100  
DESIGNED: Mar 2025  
SEALED: 3/17/2025  
REVISED: N/A

Electrical Detail - Sheet 4 of 5  
Final Design



ELECTRICAL AND PROGRAMMING DETAILS FOR:		NC 62 (Liberty Road) at SR 1162 (Weant Road) / SR 4066 (Modlin Grove Road)	
PLAN DATE: March 2025	REVIEWED BY: ZM Esposito	Division 7	Guilford County Archdale
PREPARED BY: AW Poole	REVIEWED BY: 17380 (040)		
REVISIONS	INIT.	DATE	

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

SEAL

Signed by: *Zachary M. Esposito* 3/17/2025  
DATE

SIG. INVENTORY NO. 07-2100

DRMP, INC.  
8210 UNIVERSITY EXECUTIVE PARK DR.  
SUITE 200  
CHARLOTTE, NC 28262  
PHONE: 704-543-4260

NC LICENSE NO. F-1524  
www.drmp.com

750 N. Greenfield Pkwy, Garner, NC 27529