

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)

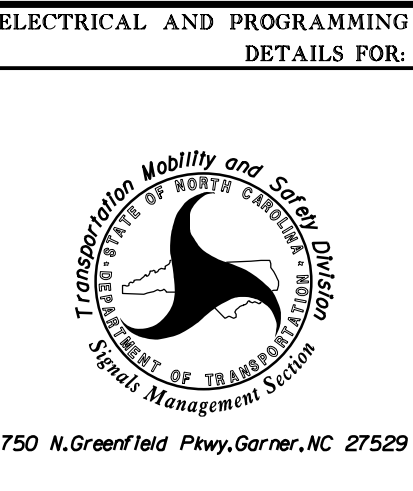
All channels must be programmed to flash red in controller for red-red flash operation as shown below. Notice "AUT" for all channels is programmed for RED.

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

LD SWITCH ASSIGN		PHASE		DIMMING		---FLASH---	
		/OVLP	TYPE	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



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

DOCUMENT NOT CONSIDERED
FINAL UNLESS ALL
SIGNATURES COMPLETED

SEAL
NORTH CAROLINA
PROFESSIONAL
SEAL
054155
ENGINEER
JACOBARY M. ESPOSITO

Signed by: Jacobary M. Esposito 3/17/2025
DATE: 3/17/2025
SIGNATURE: [Signature]
DATE: 3/17/2025
SIG. INVENTORY NO. 07-2100