

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 . .

ECONOLITE ASC/3-2070 STARTUP AND
SOFTWARE FLASH PROGRAMMING DETAIL

(program controller as shown)

1. From Main Menu select
2. CONTROLLER
2. From CONTROLLER Submenu select
5. START/FLASH

START/FLASH DATA	
-----START UP-----	
1	2 3 4 5 6 7 8 9 0 1 2 3 4 5 6
PHASE	R R
	A B C D E F G H I J K L M N O P
OVERLAP	X X X X X X X X X X X X X X X
FLASH>MON. NO FL TIME..	0 ALL RED... 6
PWR START SEQ..	1 MUTCD> YES Y- G: NO

Scroll down on this screen and set "Exit Fl" to Green "G"

ASC/3 FLASH SENSE INPUT CONTROL
FOR RED-RED FLASH

*The NCDOT default database is programmed to addresss Yellow-Red flash. Logic Statement 100 must be modified as shown when running Red-Red flash.

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

Change the "LP" to 100 and move the cursor down. Delete the two "CTR-SET" statements by moving the cursor over them and hitting the "C" key. then hit "ENTER". select "LP SET CIB ON". hit "ENT". and then set the number to 427.

LP#:100 COPY FROM:100 ACTIVE: M FALSE
IF LP CIB CODE ON 331 F

THEN LP DELAY FOR 1.0 SECONDS
LP SET CIB ON 427

ELSE

THIS STATEMENT IS USED
TO CONTROL THE FLASH
SENSE INPUT WHEN RUNNING
RED-RED FLASH OPERATION.

Hit "ESC", then 1 for "LOGIC STATEMENT CONTROL", next verify that LP#100 is ENABLED.

END PROGRAMMING

THIS ELECTRICAL DETAIL IS FOR
THE SIGNAL DESIGN: 07-2091
DESIGNED: Mar 2025
SEALED: 3/17/2025
REVISED: N/A

Electrical Detail - Sheet 2 of 2
Final Design



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ELECTRICAL AND PROGRAMMING DETAILS FOR:		NC 62 (Liberty Road) at I-85 Northbound Ramps		DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	
		Division 7 Guilford County Archdale			
PLAN DATE: March 2025		REVIEWED BY: ZM Esposito		Signed by:	
PREPARED BY: AW Poole		RKA PROJ. NO.: 17380 (040)		DATE: 3/17/2025	
REVISIONS		INIT.		DATE	
750 N. Greenfield Pkwy, Garner, NC 27529					
				SIG. INVENTORY NO. 07-2091	