

# ECONOLITE ASC/3-2070 LOGIC PROCESSOR PROGRAMMING DETAIL

(program controller as shown)

THIS LOGIC PROCESSOR PROGRAMMING PROVIDES ADDITIONAL RED CLEARANCE FOR THE TRANSITION TO PHASE 8 FROM PHASE 6 BY FORCING THE CONTROLLER TO SERVE PHASE 7 FIRST. THIS IS NECESSARY DUE TO THE LONG THROAT DISTANCE BETWEEN THE TWO MOVEMENTS.

- From Main Menu select **1. CONFIGURATION**
- From CONFIGURATION Submenu select **8. LOGIC PROCESSOR**
- From LOGIC PROCESSOR Submenu select **1. LOGIC STATEMENT CONTROL**

ENABLE LOGIC PROCESSOR STATEMENTS 1 & 2 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
LP 1-15	E	E	.	.	.	.	.	.	.	.	.	.	.	.	.
LP 16-30	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
LP 31-45	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
LP 46-60	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
LP 61-75	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
LP 76-90	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.

END PROGRAMMING

- From Main Menu select **1. CONFIGURATION**
- From CONFIGURATION Submenu select **8. LOGIC PROCESSOR**
- From 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 CTR PHASE TIMING 6 IS ON

THEN CTR OMIT PHASE 8 ON
ELSE
    
```

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

```

LP#: 2 COPY FROM: 2 ACTIVE:M (T/F)
IF CTR ON PHASE CHECK 8 IS ON
OR CTR ON PH PED CHK 8 IS ON

THEN CTR CALL PHASE 7 ON
ELSE
    
```

END PROGRAMMING

# ECONOLITE ASC/3-2070 BACKUP PROTECTION ENABLE PROGRAMMING

(program controller as shown)

- From Main Menu select **1. CONFIGURATION**
- From CONFIGURATION Submenu select **1. CONTROLLER SEQ**
- From CONTROLLER SEQUENCE Submenu select **3. BACKUP PREVENT PHASES**

Follow programming as shown below. On the 'ENABLE BACKUP PREVENT' screen move cursor to the appropriate field and press 'YES/NO' on the controller keypad to toggle field value between 'X', 'B', 'C' and 'OFF'.

ENABLE BACKUP PREVENT																
TMG/BKUP	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6
1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
3	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
4	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
5	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
6	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
7	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8	.	.	.	.	.	.	.	X	.	.	.	.	.	.	.	.
9	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
10	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
11	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
12	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
13	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
14	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
15	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
16	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.


END PROGRAMMING

### NOTE

'X' inhibits the controller from servicing the 'BACKUP' (column) phase when the 'TIMING' (row) phase is active or next.

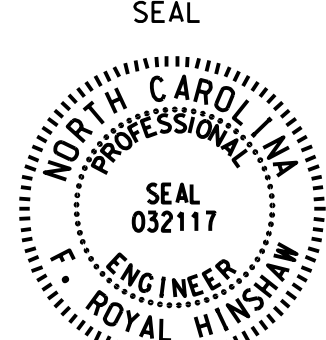
THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 07-0905  
 DESIGNED: April 2020  
 SEALED: April 20, 2020  
 REVISED: N/A

Project #: 180914



**DAVENPORT**  
 HOME OFFICE:  
 119 BROOKSTOWN AVENUE, SUITE PH1  
 WINSTON-SALEM, NC 27101  
 336.744.1636 www.davenportworld.com  
 NCBELS FIRM LICENSE NO. C-2522

Electrical Detail - Final Design - Sheet 2 of 2

ELECTRICAL AND PROGRAMMING DETAILS FOR:		SR 4771 (Reedy Fork Parkway) at US 29 Northbound Ramp		DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED SEAL  SEAL 032117 ROYAL HINSHAW ENGINEER
Prepared in the Offices of:		Division 7 Guilford County Greensboro		
PLAN DATE: April 2020	REVIEWED BY: R. Hinshaw	PREPARED BY: T.S. Warren	REVIEWED BY:	DocuSigned by: R. Hinshaw 4/20/2020
REVISIONS		INIT.	DATE	SIGNATURE DATE
750 N. Greenfield Pkwy, Garner, NC 27529				SIG. INVENTORY NO. 07-0905