

ECONOLITE ASC/3 LOGIC PROCESSOR PROGRAMMING DETAIL

(program controller as shown)

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

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 FALSE
IF   CTR PHASE TIMING      5 IS ON

THEN SIG SET OVLP GREEN   3      OFF

ELSE

```

LOGIC FOR TURNING
FLASHING YELLOW ARROW
OFF DURING PHASE 5
(HEADS 53,54)

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

```

LP#:  2 COPY FROM:  1 ACTIVE: M FALSE
IF   VEH YELLOW ON PH      5 IS ON

THEN SIG SET OLP YELLOW   3      ON

ELSE

```

LOGIC FOR YELLOW
ARROW CLEARANCE WHEN
LEAVING PHASE 5
(HEADS 53,54)

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

```

LP#:  3 COPY FROM:  1 ACTIVE: M FALSE
IF   CTR PHASE TIMING      5 IS ON
AND  VEH RED ON PHASE      5 IS ON

THEN SIG SET OLP RED      3      ON

ELSE

```

LOGIC FOR RED SIGNAL
CLEARANCE WHEN LEAVING
PHASE 5
(HEADS 53,54)

ENTER A "4" IN THE LP# FIELD, PRESS 'ENTER', AND PROGRAM AS SHOWN.

```

LP#:  4 COPY FROM:  1 ACTIVE: M (T/F)
IF   PMT PREEMPT ACTIVE    1 IS OFF

THEN CTR OMIT PHASE        9      ON

ELSE

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LOGIC TO OMIT PHASE 9
WHILE NOT IN PREEMPT 1
(AND ALSO OMTS PHASE 9
AT CONTROLLER STARTUP)

END PROGRAMMING

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	E	.	.	.	.	.	.	.	.	.	.	.	.
LP 16-30
LP 31-45
LP 46-60
LP 61-75
LP 76-90

END PROGRAMMING

FLASHER CIRCUIT MODIFICATION DETAIL

IN ORDER TO ENSURE THAT SIGNALS FLASH CONCURRENTLY ON THE SAME APPROACH, MAKE THE FOLLOWING FLASHER CIRCUIT CHANGES:

1. ON REAR OF PDA - REMOVE WIRE FROM TERM. T2-4 AND TERMINATE ON T2-2.
2. ON REAR OF PDA - REMOVE WIRE FROM TERM. T2-5 AND TERMINATE ON T2-3.
3. REMOVE FLASHER UNIT 2.

THE CHANGES LISTED ABOVE TIES ALL PHASES AND OVERLAPS TO FLASHER UNIT 1.

THIS ELECTRICAL DETAIL IS FOR
THE SIGNAL DESIGN: 06-0527
DESIGNED: February 2016
SEALED: 9/9/2016
REVISED: N/A

Electrical Detail - Sheet 4 of 4

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

<p style="font-size: x-small;">ELECTRICAL AND PROGRAMMING DETAILS FOR:</p> <p style="font-size: x-small;">Prepared In the Offices of:</p> <p style="font-size: x-small;">750 N. Greenfield Pkwy, Garner, NC 27529</p>	<p>SR 1400 (Cliffdale Road) at SR 1596 (Glensford Drive)/ Glensford Drive Extension</p> <p style="font-size: x-small;">Division 6 Cumberland County Fayetteville</p> <p style="font-size: x-small;">PLAN DATE: September 2016 REVIEWED BY:</p> <p style="font-size: x-small;">PREPARED BY: S. Armstrong REVIEWED BY:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="font-size: x-small;">REVISIONS</th> <th style="font-size: x-small;">INIT.</th> <th style="font-size: x-small;">DATE</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	REVISIONS	INIT.	DATE				<p style="text-align: center;">SEAL</p> <p style="font-size: x-small;">DocuSigned by: Keith M. Mins 2F807B8EBCD3445 9/22/2016 DATE</p> <p style="font-size: x-small;">SIG. INVENTORY NO. 06-0527</p>
REVISIONS	INIT.	DATE						

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