

ECONOLITE ASC/3-2070 LOGIC PROCESSOR PROGRAMMING DETAIL

(program controller as shown)

- 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 FALSE
IF   CTR PHASE TMING 1 IS ON
THEN SIG SET OLP GREEN 1 OFF
ELSE

```

LOGIC FOR TURNING FLASHING YELLOW ARROW OFF DURING PHASE 1 (HEADS 83,84)

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

```

LP#: 2 COPY FROM: 2 ACTIVE: M FALSE
IF   VEH YELLOW ON PH 1 IS ON
THEN SIG SET OLP YELLOW 1 ON
ELSE

```

LOGIC FOR YELLOW ARROW CLEARANCE WHEN LEAVING PHASE 1 (HEADS 83,84)

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

```

LP#: 3 COPY FROM: 3 ACTIVE: M FALSE
IF   CTR PHASE TIMING 1 IS ON
AND  VEH RED ON PHASE 1 IS ON
THEN SIG SET OLP RED 1 ON
ELSE

```

LOGIC FOR RED SIGNAL CLEARANCE WHEN LEAVING PHASE 1 (HEADS 83,84)

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

```

LP#: 4 COPY FROM: 4 ACTIVE: M FALSE
IF   VEH OVERLAP 7 IS ON
THEN SIG SET OVL P GREEN 2 OFF
ELSE

```

LOGIC FOR TURNING FLASHING YELLOW ARROW OFF DURING OLG, WHICH HAS PARENT PHASE 7 (HEAD 64)

ENTER A "5" IN THE LP# FIELD, PRESS 'ENTER', AND PROGRAM AS SHOWN.

```

LP#: 5 COPY FROM: 5 ACTIVE: M FALSE
IF   VEH OVERLAP YLW 7 IS ON
THEN SIG SET OLP YELLOW 2 ON
ELSE

```

LOGIC FOR YELLOW ARROW CLEARANCE WHEN LEAVING OLG, WHICH HAS PARENT PHASE 7 (HEAD 64)

ENTER A "6" IN THE LP# FIELD, PRESS 'ENTER', AND PROGRAM AS SHOWN.

```

LP#: 6 COPY FROM: 6 ACTIVE: M FALSE
IF   VEH OVERLAP 7 IS ON
AND  VEH OVERLAP RED 7 IS ON
THEN SIG SET OLP RED 2 ON
ELSE

```

LOGIC FOR RED SIGNAL CLEARANCE WHEN LEAVING OLG, WHICH HAS PARENT PHASE 7 (HEAD 64)

ENTER A "7" IN THE LP# FIELD, PRESS 'ENTER', AND PROGRAM AS SHOWN.

```

LP#: 7 COPY FROM: 7 ACTIVE: M FALSE
IF   CTR PHASE TMING 5 IS ON
THEN SIG SET OLP GREEN 3 OFF
ELSE

```

LOGIC FOR TURNING FLASHING YELLOW ARROW OFF DURING PHASE 5 (HEADS 43,44)

ENTER A "8" IN THE LP# FIELD, PRESS 'ENTER', AND PROGRAM AS SHOWN.

```

LP#: 8 COPY FROM: 8 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 43,44)

ENTER A "9" IN THE LP# FIELD, PRESS 'ENTER', AND PROGRAM AS SHOWN.

```

LP#: 9 COPY FROM: 9 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 43,44)

ENTER A "10" IN THE LP# FIELD, PRESS 'ENTER', AND PROGRAM AS SHOWN.

```

LP#: 10 COPY FROM: 10 ACTIVE: M FALSE
IF   VEH OVERLAP 8 IS ON
THEN SIG SET OVL P GREEN 4 OFF
ELSE

```

LOGIC FOR TURNING FLASHING YELLOW ARROW OFF DURING OLH, WHICH HAS PARENT PHASE 3 (HEAD 23)

ENTER A "11" IN THE LP# FIELD, PRESS 'ENTER', AND PROGRAM AS SHOWN.

```

LP#: 11 COPY FROM: 11 ACTIVE: M FALSE
IF   VEH OVERLAP YLW 8 IS ON
THEN SIG SET OLP YELLOW 4 ON
ELSE

```

LOGIC FOR YELLOW ARROW CLEARANCE WHEN LEAVING OLH, WHICH HAS PARENT PHASE 3 (HEAD 23)

ENTER A "12" IN THE LP# FIELD, PRESS 'ENTER', AND PROGRAM AS SHOWN.

```

LP#: 12 COPY FROM: 12 ACTIVE: M FALSE
IF   VEH OVERLAP 8 IS ON
AND  VEH OVERLAP RED 8 IS ON
THEN SIG SET OLP RED 4 ON
ELSE

```

LOGIC FOR RED SIGNAL CLEARANCE WHEN LEAVING OLH, WHICH HAS PARENT PHASE 3 (HEAD 23)

END PROGRAMMING

4. From LOGIC PROCESSOR Submenu select **1. LOGIC STATEMENT CONTROL**

ENABLE LOGIC PROCESSOR STATEMENTS 1-12 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	E	E	E	E	E	E	E	E	E	E	E	E	E
LP 16-30
LP 31-45
LP 46-60
LP 61-75
LP 76-90

END PROGRAMMING

THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 06-0155T1
DESIGNED: March 2018
SEALED: 03-29-2018
REVISED: N/A


Temporary Design 1 - TMP Phase I Electrical Detail - Sheet 3 of 3



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ELECTRICAL AND PROGRAMMING DETAILS FOR:

Prepared in the Offices of:



750 N. Greenfield Pkwy, Garner, NC 27529

US 401 Business (Raeford Road)
at NC 59 (Hope Mills Road) /
SR 1592 (Glensford Drive)

Division 6 Cumberland County Fayetteville

PLAN DATE: March 2018 REVIEWED BY: L Overn

PREPARED BY: G B Spell REVIEWED BY:

REVISIONS	INIT.	DATE

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

SEAL
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PROFESSIONAL
ENGINEER
LAWRENCE E. OVERN
045933

3/29/2018

SIG. INVENTORY NO. 06-0155T1