

# ECONOLITE ASC/3-2070 LOGIC PROCESSOR PROGRAMMING DETAIL

(program controller as shown)

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

- 3. 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   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 "5" IN THE LP# FIELD, PRESS 'ENTER', AND PROGRAM AS SHOWN.

```

LP#: 5 COPY FROM: 5 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 "6" IN THE LP# FIELD, PRESS 'ENTER', AND PROGRAM AS SHOWN.

```

LP#: 6 COPY FROM: 6 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 "7" IN THE LP# FIELD, PRESS 'ENTER', AND PROGRAM AS SHOWN.

```

LP#: 7 COPY FROM: 7 ACTIVE: M FALSE
IF   VEH OVERLAP 8 IS ON
THEN SIG SET OVLP GREEN 4 OFF
ELSE

```

LOGIC FOR TURNING FLASHING YELLOW ARROW OFF DURING OLH, WHICH HAS PARENT PHASE 3 (HEADS 23,24)

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

```

LP#: 8 COPY FROM: 8 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 (HEADS 23,24)

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

```

LP#: 9 COPY FROM: 9 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 (HEADS 23,24)

END PROGRAMMING

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

ENABLE LOGIC PROCESSOR STATEMENTS 1-9 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	.	.	.	.	.
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: 06-0155T3  
 DESIGNED: March 2018  
 SEALED: 03-29-2018  
 REVISED: N/A

DATE: U:\Projects\Signal\Signal\Detail\Signal\Phase 3\U-4405.sig.ele.06-0155T3.dgn User: rmluncey

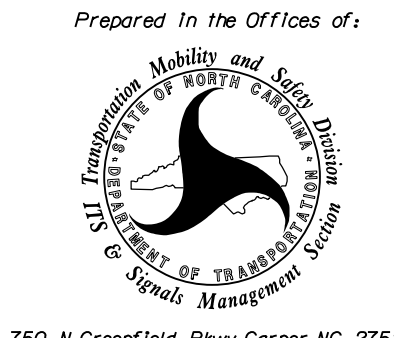
## Temporary Design 3 - TMP Phase III Electrical Detail - Sheet 3 of 3



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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

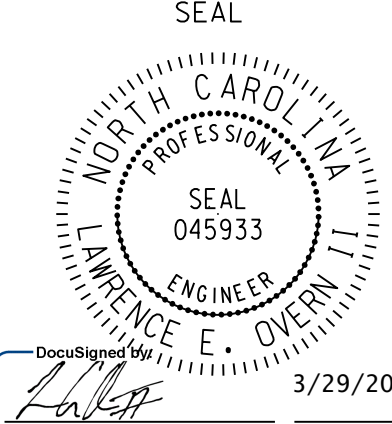
PLAN DATE: March 2018 REVIEWED BY: L Overn

PREPARED BY: G B Spell REVIEWED BY:

REVISIONS	INIT.	DATE

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

SEAL



3/29/2018

SIG. INVENTORY NO. 06-0155T3