

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

3. 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
IF DET 52 IS ON

THEN LP SET LOGIC FLAG 1 ON

ELSE
  
```

IF RR1 PREEMPT (REMAPPED AS DET 52) INPUT IS ACTIVE, SET LOGIC FLAG 1 ON.

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

```

LP#: 2 COPY FROM: 2 ACTIVE: M
IF LP FLAG 1 IS ON

THEN PMT CALL PMT SEQ 2 ON

ELSE
  
```

IF LOGIC FLAG 1 IS ON, THEN INITIATE PREEMPT 2 SEQUENCE. THE PREEMPT MAY OR MAY NOT ACTUALLY BE SERVED DEPENDING ON THE STATE OF THE OTHER RR PREEMPT INPUT.

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

```

LP#: 3 COPY FROM: 3 ACTIVE: M
IF DET 54 IS ON

THEN LP SET LOGIC FLAG 2 ON

ELSE
  
```

IF RR2 PREEMPT (REMAPPED AS DET 54) INPUT IS ACTIVE, SET LOGIC FLAG 2 ON.

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

```

LP#: 4 COPY FROM: 4 ACTIVE: M
IF LP FLAG 2 IS ON

THEN PMT CALL PMT SEQ 4 ON

ELSE
  
```

IF LOGIC FLAG 2 IS ON, THEN INITIATE PREEMPT 4 SEQUENCE. THE PREEMPT MAY OR MAY NOT ACTUALLY BE SERVED DEPENDING ON THE STATE OF THE OTHER RR PREEMPT INPUT.

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

```

LP#: 5 COPY FROM: 5 ACTIVE: M
IF DET 52 IS OFF
AND DET 54 IS OFF

THEN LP SET LOGIC FLAG 1 OFF
THEN LP SET LOGIC FLAG 2 OFF

ELSE
  
```

WHEN BOTH PREEMPT INPUTS GO INACTIVE, THIS LOGIC RESETS THE LOGIC FLAG THAT IS HOLDING THE ACTIVE PREEMPT ACTIVE, AND RESETS THE OTHER LOGIC FLAG TO PREVENT IT FROM CALLING THE OTHER PREEMPT.

END PROGRAMMING

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

ENABLE LOGIC PROCESSOR STATEMENTS 1-5 BY POSITIONING THE CURSOR OVER THE FIELDS SHOWN BELOW AND USING THE TOGGLE KEY TO ENABLE THEM.

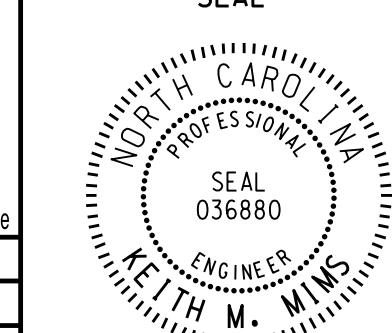
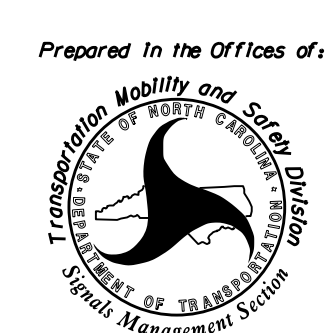
LOGIC STATEMENT CONTROL	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6
LP 1-15	E	E	E	E	E
LP 16-30
LP 31-45
LP 46-60
LP 61-75
LP 76-90

END PROGRAMMING

20-SEP-2016 15:13
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 sarmstrong

THIS ELECTRICAL DETAIL IS FOR
 THE SIGNAL DESIGN: 06-0054
 DESIGNED: January 2016
 SEALED: 9/19/2016
 REVISED: N/A

Electrical Detail - Sheet 6 of 6

ELECTRICAL AND PROGRAMMING DETAILS FOR:	US 401 Business (Raeford Road) at McPherson Church Road/ Owen Drive	SEAL 
Prepared In the Offices of:  TRANSPORTATION MOBILITY AND SAFETY SOLUTIONS, INC. Signal Management Solutions 750 N. Greenfield Pkwy, Garner, NC 27529		Division 6 Cumberland County Fayetteville PLAN DATE: September 2016 REVIEWED BY: BAS PREPARED BY: S. Armstrong REVIEWED BY:

REVISIONS	INIT.	DATE

Documented by: Keith M. Mims 10/12/2016
 DATE
 SIG. INVENTORY NO. 06-0054

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED