

ECONOLITE ASC/3-2070 BACKUP PREEMPT PROGRAMMING DETAIL

(program controller as shown)

- From Main Menu select 4. PREEMPTOR/TSP
- From PREEMPTOR/TSP/SCP Submenu select 1. PREEMPT PLAN 1-10

Place cursor in [] next to Preempt Plan and press 7. Then press the right cursor arrow and toggle the controller to YES. Next cursor down. This will select Backup Preempt #7.

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PREEMPT PLAN [ 7 ] ENABLE...YES
VEH/PED 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6
OVERLAP A B C D E F G H I J K L M N O P
TRKCLR V . . . . .
TRKCLR O . . . . .
ENA TRL . . . . .
DWEL VEH X . . . . X . . . . .
DWEL PED . . . . .
DWEL OLPF1 XF1 . . . . .
CYC VEH . . . . .
CYC PED . . . . .
CYC OLP . . . . .
EXIT PH . X . . . X . . . . .
EXIT CAL . . . . .
SP FUNC . . . . .

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ENABLE... YESIPMT OVRIDE..INTERLOCK. NO
DET LOCK... XIDELAY.. 0IINHIBIT... 0
OVERIDE FL. .IDURATION 0ICLR-GRN... NO
TERM OLP. NOIPC>YEL NOITERM PH NO
PED DARK.. NOITC RESRV NOIDWELL FL OFF
LINK PMT...0IX FLCOLR REDIXIT OPT. OFF
X TMG PLN...0IRE-SERV.. 0IFLT TYPE.HARD
FREE DUR PMTIR1 NOIR2 NOIR3 NOIR4 NO
--TIMING----WALKIPED CLIMN GRI YELI RED
ENTRANCE TM. 255I 255I 1125.5I25.5
-----MIN GRIEXT GRIMX GRI YELI RED
TRACK CLEAR 0I 0I 0I25.5I25.5
-----MIN DLIPMTEXTIMX TMI YELI RED
DWL/CYC-EXIT 25I 0I 25I25.5I25.5
PMT ACTIVE OUT..ON PMT ACT DWELL...NO
OTHER - PRI PMT.OFF NON-PRI PMT.....OFF
INH EXT TIME... 0.0 PED PR RETURN...OFF
PRIORITY RETURN.OFF QUEUE DELAY.... OFF
COND DELAY.....OFF
PHASES 1 2 3 4 5 6 7 8
PR RTN% 0 0 0 0 0 0 0 0
PHASES 9 10 11 12 13 14 15 16
PR RTN% 0 0 0 0 0 0 0 0

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ECONOLITE ASC/3-2070 LOGIC PROCESSOR PROGRAMMING DETAIL FOR SIDE STREET PHASING & FOR BACKUP PREEMPT

(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.

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LP#: 1 COPY FROM: 1 ACTIVE: M (T/F)
IF VEH GREEN ON PH 3 IS ON

THEN LP SET LOGIC FLAG 1 ON

ELSE

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PHASE 3 GREEN SETS LOGIC FLAG 1 ON (SIDE STREET BACKUP)

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

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LP#: 2 COPY FROM: 2 ACTIVE: M (T/F)
IF LP FLAG 1 IS ON

THEN CTR OMIT PHASE 10 ON

ELSE

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OMIT PHASE 10 SO PHASE 3 MOVEMENTS RUN ONCE PER CYCLE

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

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LP#: 3 COPY FROM: 3 ACTIVE: M (T/F)
IF VEH GREEN ON PH 2 IS ON

THEN LP SET LOGIC FLAG 1 OFF

ELSE

```

TURNS LOGIC FLAG 1 OFF TO ALLOW NORMAL OPERATION

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

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LP#: 4 COPY FROM: 4 ACTIVE: M (T/F)
IF DET 34 IS ON

THEN LP DELAY FOR 5.0 SECONDS
PMT CALL PMT SEQ 7 ON

ELSE

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END PROGRAMMING

- From LOGIC PROCESSOR Submenu select 1. LOGIC STATEMENT CONTROL

ENABLE LOGIC PROCESSOR STATEMENTS 1, 2, 3 & 4 BY POSITIONING THE CURSOR OVER THE FIELDS SHOWN BELOW AND USING THE TOGGLE KEY TO ENABLE THEM.

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

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END PROGRAMMING

THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 01-0025 DESIGNED: MARCH 2018 SEALED: 09/20/2018 REVISED: N/A



Electrical Detail - Sheet 3 of 5

ELECTRICAL AND PROGRAMMING DETAILS FOR: US 17-158 (Hughes Boulevard) at US 17 Business (Road Street) / SR 1327 (Griggs Street) Division 1 Pasquotank County Elizabeth City

Prepared for the Offices of:

Prepared By: DJ White Reviewed By: AJ Davis

Plan Date: March 2018

REVISIONS: INIT. DATE

DocuSigned by: Lisa M. Moon 9/20/2018

SIG. INVENTORY NO. 01-0025

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

SEAL

DATE