

# ECONOLITE ASC/3-2070 EMERGENCY VEHICLE 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 3. Then press the right cursor arrow and toggle the controller to YES. Next cursor down. This will select Emergency Vehicle Preempt #3.

Place cursor in [ ] next to Preempt Plan and press 5. Then press the right cursor arrow and toggle the controller to YES. Next cursor down. This will select Emergency Vehicle Preempt #5.

PREEMPT PLAN [ 3]	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 OLP	.F1 X . . . . .
CYC VEH	.
CYC PED	.
CYC OLP	.
EXIT PH	. X . . . X . . . . .
EXIT CAL	.
SP FUNC	.

```

ENABLE... YESIPMT OVRIDE..INTERLOCK. NO
DET LOCK... XIDELAY.. OINHIBIT... 0
OVERIDE FL. IDURATION OICLR-GRN... NO
TERM OLP. NOIPC>YEL NOITERM PH NO
PED DARK.. NOITC RESRV NOIDWELL FL OFF
LINK PMT....OIX FLCOLR REDIEXIT OPT. OFF
X TMG PLN...OIRE-SERV.. OIFLT TYPE.HARD
FREE DUR PMTIR1 NOIR2 NOIR3 NOIR4 NO
--TIMING----WALKIPED CLIMN GRI YELI RED
ENTRANCE TM. 255I 255I 1125.5125.5
-----MIN GRIEXT GRIMX GRI YELI RED
TRACK CLEAR 0I 0I 0125.5125.5
-----MIN DLIPMTEXTIMX TMI YELI RED
DWL/CYC-EXIT 7I 2.0I 120125.5125.5
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

```

PREEMPT PLAN [ 5]	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 OLP	.F1 . . . . .
CYC VEH	.
CYC PED	.
CYC OLP	.
EXIT PH	. X . . . X . . . . .
EXIT CAL	.
SP FUNC	.

```

ENABLE... YESIPMT OVRIDE..INTERLOCK. NO
DET LOCK... XIDELAY.. OINHIBIT... 0
OVERIDE FL. IDURATION OICLR-GRN... NO
TERM OLP. NOIPC>YEL NOITERM PH NO
PED DARK.. NOITC RESRV NOIDWELL FL OFF
LINK PMT....OIX FLCOLR REDIEXIT OPT. OFF
X TMG PLN...OIRE-SERV.. OIFLT TYPE.HARD
FREE DUR PMTIR1 NOIR2 NOIR3 NOIR4 NO
--TIMING----WALKIPED CLIMN GRI YELI RED
ENTRANCE TM. 255I 255I 1125.5125.5
-----MIN GRIEXT GRIMX GRI YELI RED
TRACK CLEAR 0I 0I 0125.5125.5
-----MIN DLIPMTEXTIMX TMI YELI RED
DWL/CYC-EXIT 7I 2.0I 120125.5125.5
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

```

PROGRAM EXTEND TIME ON OPTICAL DETECTOR UNITS FOR 2.0 SEC.

# ECONOLITE ASC/3-2070 PREEMPT FILTERING PROGRAMMING DETAIL

(program controller as shown)

- From Main Menu select 4. PREEMPTOR/TSP
- From PREEMPT/TSP/SCP Submenu select 2. ENABLE PREEMPT FILTERING & TSP/SCP

```

ENABLE PREEMPT FILTERING & TSP/SCP
FILTERED SOLID PULSING
INPUT 1 ...BYPASSED.. ...BYPASSED..
2 ...BYPASSED.. ...BYPASSED..
3 ..PREEMPT 3. ...BYPASSED..
4 ...BYPASSED.. ...BYPASSED..
5 ..PREEMPT 5. ...BYPASSED..
6 ...BYPASSED.. ...BYPASSED..
7 ...BYPASSED.. ...BYPASSED..
8 ...BYPASSED.. ...BYPASSED..
9 ...BYPASSED.. ...BYPASSED..
10 ...BYPASSED.. ...BYPASSED..

```

# ECONOLITE ASC/3-2070 OVERLAP PROGRAMMING DETAIL

(program controller as shown)

- From Main Menu select 2. CONTROLLER
- From CONTROLLER Submenu select 2. VEHICLE OVERLAPS

Toggle Twice

### OVERLAP C

Select TMG VEH OVLP [C] and 'PPLT FYA'

```

TMG VEH OVLP...[C] TYPE: .....[PPLT FYA]
PROTECTED LEFT TURN.... PHASE 5
OPPOSING THROUGH..... PHASE 6

FLASHING ARROW OUTPUT.....CH11 ISOLATE
DELAY START OF: FYA..0.0 CLEARANCE..0.0
ACTION PLAN SF BIT DISABLE..... 0

```

Toggle Once

### OVERLAP D

Select TMG VEH OVLP [D] and 'NORMAL'

```

TMG VEH OVLP...[D] TYPE: .....[NORMAL]
PHASES 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6
INCLUDED . . . X X . . . . .

LAG GRN 0.0 YEL 0.0 RED 0.0

```

END PROGRAMMING

THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 07-2060T1  
DESIGNED: November 2019  
SEALED: 12/17/2019  
REVISED: N/A

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Temporary Design 1  
Electrical Detail - Sheet 2 of 2

REVISIONS	INIT.	DATE

SR 1007 (Mebane Oaks Rd)  
at  
Garrett Crossing  
(Walmart Entrance)

Division 7 Alamance County Mebane  
PLAN DATE: November 2019 REVIEWED BY: Z. "Gavin" Teng  
PREPARED BY: Z. "Gavin" Teng REVIEWED BY:

SEAL  
NORTH CAROLINA PROFESSIONAL ENGINEER  
SEAL 032179  
ZHAOLONG TENG

DocuSigned by:  
Zhaolong Teng 12/17/2019  
SIG. INVENTORY NO. 07-2060T1

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