DocuSign Envelope ID: 5C78E3F9-CE66-4ED3-B794-EC98C00A2C7C

PROJECT REFERENCE NO.	SHEET NO.
SM-6114C	Sig. 1.5

ECONOLITE ASC/3-2070 EV PREEMPT 2 PROGRAMMING DETAIL

(program controller as shown)

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

Place cursor in [ ] next to Preempt Plan and press 2. Then press the right cursor arrow and toggle the controller to YES. Next cursor down. This will select Preempt #2.

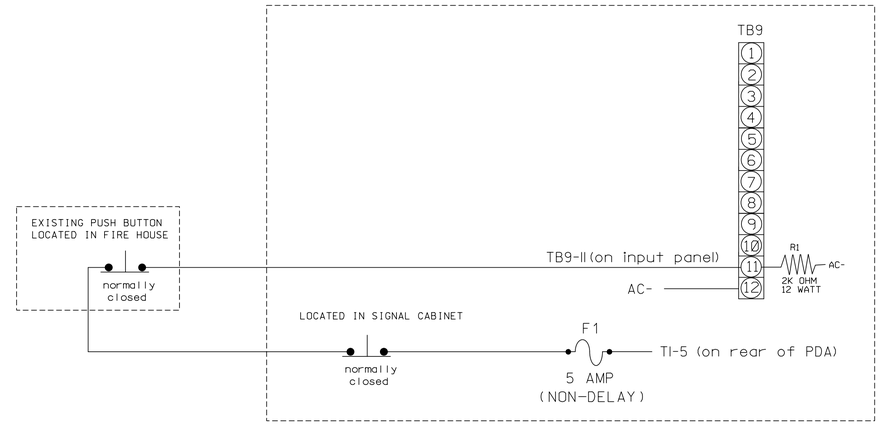
```
PREEMPT PLAN [2]    ENABLE....YES
 VEH/PED 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6
 OVERLAP A B C D E F G H I J K L M N O P
TRKCLR V . . . . . . . . . . . . . . . .
TRKCLR O . . . . . . . . . . . . . . . .
ENA TRL  . . . . . . . . . . . . . . . .
DWEL VEH . X . . X . . . . . . . . . . .
DWEL PED . . . . . . . . . . . . . . . .
DWEL OLP . . F1. . . . . . . . . . . . .
CYC VEH  . . . . . . . . . . . . . . . .
CYC PED  . . . . . . . . . . . . . . . .
CYC OLP  . . . . . . . . . . . . . . . .
EXIT PH  . X . . . X . . . . . . . . . .
EXIT CAL . . . . . . . . . . . . . . . .
SP FUNC  . . . . . . . . . . . . . . . .

ENABLE... YES|PMT OVRIDE..|INTERLOCK. NO
DET LOCK... X|DELAY..    *|INHIBIT...  0
OVERIDE FL. .|DURATION   0|CLR-GRN... NO
TERM OLP.  NO|PC>YEL   YES|TERM PH    NO
PED DARK.. NO|TC RESRV YES|DWELL FL  OFF
LINK PMT....0|X FLCOLR RED|EXIT OPT. OFF
X TMG PLN...0|RE-SERV..  0|FLT TYPE.HARD
FREE DUR PMT|R1  NO|R2  NO|R3  NO|R4  NO
--TIMING-----WALK|PED CL|MN GR| YEL| RED
ENTRANCE TM.  255|   255|  255|25.5|25.5
-----------MIN GR|EXT GR|MX GR| YEL| RED
TRACK CLEAR     0|     0|    0|25.5|25.5
-----------MIN DL|PMTEXT|MX TM| YEL| RED
DWL/CYC-EXIT    *|   0.0|    0|25.5|25.5
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
```

* Delay and Min Dwell to be determined by the Division Traffic Engineer.

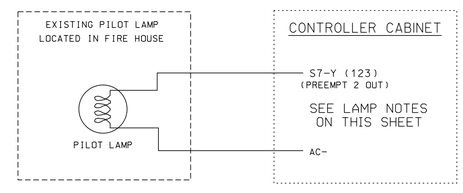
EMERGENCY VEHICLE PREEMPTION PUSH BUTTON AND INDICATOR LAMP WIRING DETAIL

(wire push button and lamp as shown below)



IMPORTANT!

1. Make sure AC isolator inserted in Slot J14L is set for inverted input. Refer to detail on sheet 1.
2. Connect terminal TB9-12B (on input panel) to AC neutral (jumper may need to be added).



LAMP NOTES

1. If field terminal 123 has a conflict monitor wire attached, remove, tape, and label wire.
2. Make sure load resistors are in place as shown in the Load Resistor Installation Detail on sheet 1.
3. Install a loadswitch in Output File Slot S7.

Electrical Detail - Sheet 5 of 5

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

THIS ELECTRICAL DETAIL IS FOR
THE SIGNAL DESIGN: 14-0609
DESIGNED: February 2022
SEALED: 9/16/2022
REVISED: N/A

STV 100 Years
STV Engineers, Inc.
900 West Trade St., Suite 715
Charlotte, NC 28202
NC License Number F-0991

ELECTRICAL AND PROGRAMMING DETAILS FOR:

US 25 (Asheville Hwy/N Main St)
at
N Church St/N Main St/
Hendersonville High School

Division 14 Henderson County Hendersonville

PLAN DATE:	February 2022	REVIEWED BY:	D.J. Darity
PREPARED BY:	R.L. Aristondo	REVIEWED BY:	J.T. Carroll

REVISIONS	INIT.	DATE

SEAL
NORTH CAROLINA PROFESSIONAL SEAL 030005 ENGINEER JUSTIN T. CARROLL

DocuSigned by:
Justin T. Carroll
6MDAC5D4E1D4D0...
9/16/2022
SIGNATURE DATE

SIG. INVENTORY NO. 14-0609

750 N.Greenfield Pkwy,Garner,NC 27529

9/16/2022
A:\My Projects\4021314\4021314_0001\50_Deliverables & Submittals\Traffic\Signal Design\14-0609_20220915e.dgn
LeonarR