PROJECT REFERENCE NO.	SHEET NO.
U-4405	SIG-44.2

ECONOLITE ASC/3-2070 VEHICLE DETECTOR SETUP PROGRAMMING DETAIL

FOR ALTERNATE PHASING LOOP 5A

(program controller as shown)

IMPORTANT!

Program detectors per the input file connection and programming chart shown on sheet 1 before proceeding.

1. From Main Menu select 8. UTILITIES

2. From UTILITIES Submenu select 1. COPY/CLEAR

3. Copy from DETECTOR PLAN "1" to DETECTOR PLAN "2".

```
COPY / CLEAR UTILITY
           FROM              TO
PHASE TIMING.... . > PHASE TIMING.... .
TIMING PLAN..... . > TIMING PLAN..... .
PH DET OPT PLAN. . > PH DET OPT PLAN. .
DETECTOR PLAN... 1 > DETECTOR PLAN... 2
   TOGGLE TO SELECT A "FROM" AND A "TO"
          THEN PRESS ENTER
```

4. From Main Menu select 6. DETECTORS

5. From DETECTOR Submenu select 2. VEHICLE DETECTOR SETUP

6. Place cursor in VEH DET PLAN [ ] position and enter "2".

– Place cursor in VEH DETECTOR [ ] position and enter "5".
– Set delay time to "0".

```
VEH DETECTOR [ 5 ]   VEH DET PLAN [ 2 ]      ← NOTICE VEH
TYPE: S-STANDARD                               DET PLAN 2
TS2 DETECTOR..... . ECPI LOG.......   NO
DET PH – 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6
   5 5   . . . . . . . . . . . . . . . .
EXTEND TIME... 0.0 DELAY TIME...    0.0    ← ENSURE DELAY
USE ADDED INITIAL . CROSS SWITCH PH.. 0       IS SET TO '0'
LOCK IN....... NONE NTCIP VOL . OR OCC .
PMT QUEUE DELAY. NO
```

– Place cursor in VEH DETECTOR [ ] position and enter "22".
– Set assigned phase to "0".

```
VEH DETECTOR [22]   VEH DET PLAN [ 2 ]      ← NOTICE VEH
TYPE: G-GREEN EXTENSION/DELAY                  DET PLAN 2
TS2 DETECTOR..... . ECPI LOG.......   NO
DET PH – 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6
   22 0   . . . . . . . . . . . . . . . .
EXTEND TIME... 0.0 DELAY TIME...    3.0
USE ADDED INITIAL . CROSS SWITCH PH.. 0
LOCK IN....... NONE NTCIP VOL . OR OCC .
PMT QUEUE DELAY. NO
```
ENSURE PHASE → (pointing to "22 0")
IS SET TO "0"

END PROGRAMMING

ECONOLITE ASC/3-2070 OVERLAP PROGRAMMING DETAIL

(program controller as shown)

1. From Main Menu select 2. CONTROLLER

2. From CONTROLLER Submenu select 2. VEHICLE OVERLAPS

TOGGLE TWO TIMES

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........... 5      ← NOTICE ACTION
                                               PLAN SF BIT "5"
```
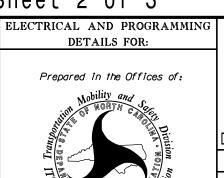
END PROGRAMMING

THIS ELECTRICAL DETAIL IS FOR
THE SIGNAL DESIGN: 06-0334T1
DESIGNED: March 2018
SEALED: 03-29-2018
REVISED: N/A

Temporary Design 1 - TMP Phase I
Electrical Detail - Sheet 2 of 3

**DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED**

US 401 Business (Raeford Road)
at
Montclair Drive

Division 6	Cumberland County	Fayetteville
PLAN DATE: March 2018	REVIEWED BY: L Overn	
PREPARED BY: R M Muncey	REVIEWED BY:	

REVISIONS	INIT.	DATE

SEAL
NORTH CAROLINA
PROFESSIONAL
SEAL
045933
LAWRENCE E. OVERN II
ENGINEER

3/29/2018
DATE

SIG. INVENTORY NO. 06-0334T1