ECONOLITE ASC/3-2070 VEHICLE DETECTOR
SETUP PROGRAMMING DETAIL FOR ALTERNATE PHASING
LOOP 1A

(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 "1".
   - Set delay time to "0".

```
VEH DETECTOR [ 1 ]   VEH DET PLAN [ 2 ]     ← NOTICE VEH
TYPE: N-NTCIP                                  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
 1 1 . . . . . . . . . . . . . . . . .        ← ENSURE DELAY
EXTEND TIME... 0.0 DELAY TIME.....   0.0         IS SET TO '0'
USE ADDED INITIAL . CROSS SWITCH PH.. 0
LOCK IN....... NONE NTCIP VOL . OR OCC .
PMT QUEUE DELAY. NO
```

   - Place cursor in VEH DETECTOR [ ] position and enter "26".
   - Set assigned phase to "0".

```
VEH DETECTOR [26]   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
 26 0 . . . . . . . . . . . . . . . .       ENSURE PHASE
EXTEND TIME... 0.0 DELAY TIME...    0.0      IS SET TO "0"
USE ADDED INITIAL . CROSS SWITCH PH.. 0
LOCK IN....... NONE NTCIP VOL . OR OCC .
PMT QUEUE DELAY. NO
```

END PROGRAMMING

ECONOLITE ASC/3-2070
PED 3 PROGRAMMING ASSIGNMENT DETAIL

(program controller as shown)

1. From Main Menu select [6. DETECTORS]

2. From DETECTOR Submenu select [3. PED DETECTOR INPUT ASSIGNMENT]

```
PED DET PHASE ASSIGNMENT MODE:  NTCIP

    PHASE     1  2  3  4  5  6  7  8
    DETECTOR  0  2  8  4  0  6  0  0    ← NOTICE PED DETECTOR 8
                                          ASSIGNED TO PHASE 3
    PHASE     9 10 11 12 13 14 15 16
    DETECTOR  0  0  0  0  0  0  0  0
```

1. From Main Menu select [1. CONFIGURATION]

2. From CONFIGURATION Submenu select [3. LOAD SW ASSIGN]

```
LD SWITCH ASSIGN
   PHASE        DIMMING ---FLASH---
   /OVLP  TYPE  R Y G D  PWR AUT TGR
   1   1   V    . . . +   A   R   X
   2   2   V    . . . +   A   Y   .
   3   3   V    . . . +   A   R   X
   4   4   V    . . . +   A   R   .
   5   5   V    . . . -   A   R   .
   6   6   V    . . . -   A   Y   X
   7   7   V    . . . -   A   R   .
   8   8   V    . . . +   A   R   X
   9   1   O    . . . +   A   R   X
   10  2   O    . . . +   A   R   X
   11  3   O    . . . +   A   R   .
   12  4   O    . . . -   A   R   .
   13  2   P    . . . +   A   .   .
   14  4   P    . . . -   A   .   .
   15  6   P    . . . +   A   .   .
   16  3   P    . . . -   A   .   .
```

NOTICE
PHASE 3 PED
ASSIGNED TO
LD SWITCH 16 →

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]

OVERLAP A

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

```
TMG VEH OVLP...[A] TYPE: ....[PPLT FYA]

PROTECTED LEFT TURN....   PHASE    1
OPPOSING THROUGH.......   PHASE    2

FLASHING ARROW OUTPUT.....CH9  ISOLATE

DELAY START OF: FYA..0.0 CLEARANCE..0.0    ← NOTICE ACTION
ACTION PLAN SF BIT DISABLE..........  1      PLAN SF BIT "1"
```
Toggle Three Times

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

FLASHER CIRCUIT MODIFICATION DETAIL

IN ORDER TO INSURE THAT SIGNALS FLASH CONCURRENTLY ON THE
SAME APPROACH, MAKE THE FOLLOWING FLASHER CIRCUIT CHANGES:

1. ON REAR OF PDA - REMOVE WIRE FROM TERM. T2-4 AND TERMINATE ON T2-2.

2. ON REAR OF PDA - REMOVE WIRE FROM TERM. T2-5 AND TERMINATE ON T2-3.

3. REMOVE FLASHER UNIT 2.

THE CHANGES LISTED ABOVE TIES ALL PHASES AND OVERLAPS TO FLASHER UNIT 1.

```
THIS ELECTRICAL DETAIL IS FOR
THE SIGNAL DESIGN: 12-1689
DESIGNED: MAY 2022
SEALED: 3/24/2023
REVISED: N/A
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Final Design
Electrical Detail - Sheet 2 of 3

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