COUNTDOWN PEDESTRIAN SIGNAL OPERATION

Countdown Ped Signals are required to display timing only during Ped Clearance Interval. Consult Ped Signal Module user's manual for instructions on selecting this feature.

ECONOLITE ASC/3-2070 PEDESTRIAN DETECTOR
PHASE ASSIGNMENT PROGRAMMING DETAIL
(program controller as shown)

1. From Main Menu select   6. DETECTORS

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

3. Press the TOGGLE key to select ECONOLITE MODE and press ENTER.

```
PED DET PHASE ASSIGNMENT MODE: ECONOLITEv
PHASE  1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6
   D  1 X . . . . . . . . . . . . . . .
   E  2 . X . . . . . . . . . . . . . .
   T  3 . . X . . . . . . . . . . . . .
   E  4 . . . X . . X . . . . . . . . .
   C  5 . . . . X . . . . . . . . . . .
   T  6 . . . . . X . . . . . . . . . .
   O  7 . . . . . . X . . . . . . . . .
   R  8 . . . X . . X . . . . . . . . .
      9 . . . . . . . . X . . . . . . .
     10 . . . . . . . . . X . . . . . .
     11 . . . . . . . . . . X . . . . .
     12 . . . . . . . . . . . X . . . .
     13 . . . . . . . . . . . . X . . .
     14 . . . . . . . . . . . . . X . .
     15 . . . . . . . . . . . . . . X .
     16 . . . . . . . . . . . . . . . X
```

"." = No assignment, disabled
X = Assigns Pedestrian Push Button (PPB) to call the phase or phases
2 = Call for Ped timing 2
B = Allows for the PPB to call for Min Green 2 (BIKE GREEN)

ECONOLITE ASC/3-2070 LOGIC PROCESSOR PROGRAMMING DETAIL
(program controller as shown)

1. From Main Menu select   1. CONFIGURATION

2. From CONFIGURATION Submenu select   8. LOGIC PROCESSOR

3. From LOGIC PROCESSOR Submenu select   2. LOGIC STATEMENTS

ENTER A "1" IN THE LP# FIELD, PRESS 'ENTER', AND PROGRAM AS SHOWN.

```
LP#:   1   COPY FROM:   1  ACTIVE:   M  (T/F)

IF    PED ON PH PED CLR        2      IS  ON
AND   LP COB CODE ON                      546

THEN  SIG SET PH YELLOW        2          ON


ELSE
```
LOGIC TO FLASH YELLOW SIGNAL FACES AFTER A PED CALL IS PLACED.

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

```
LP#:   2   COPY FROM:   2  ACTIVE:   M  (T/F)

IF    PED ON PH PED CLR        4      IS  ON
AND   LP COB CODE ON                      546

THEN  SIG SET PH RED           2          OFF


ELSE
```
LOGIC FOR ALTERNATING FLASH ON THE RED SIGNAL FACES DURING PED 4+8 CLEAR (FORCES PHASE 2 RED OFF).

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

```
LP#:   3   COPY FROM:   3  ACTIVE:   M  (T/F)

IF    PED ON PH PED CLR        4      IS  ON
AND   LP COB CODE OFF                     546

THEN  SIG SET PH RED           6          OFF


ELSE
```
LOGIC FOR ALTERNATING FLASH ON THE RED SIGNAL FACES DURING THE PHASE 4 PED CLEAR (FORCES PHASE 6 OFF).

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

```
LP#:   4   COPY FROM:   4  ACTIVE:   M  (T/F)

IF    PED ON PH PED CLR        2      IS  ON

THEN  SIG SET PH GREEN         2          OFF
```
TURNS LOAD SWITCH 2 GREEN OFF DURING PHASE 2 PED CLEAR TO PREVENT DUAL INDICATION.

NOTE: COB CODE 546 is a 1 Hz 50% Duty Cycle internal logic processor reference.

1. From Main Menu select   1. CONFIGURATION

2. From CONFIGURATION Submenu select   8. LOGIC PROCESSOR

3. From LOGIC PROCESSOR Submenu select   1. LOGIC STATEMENT CONTROL

ENABLE LOGIC PROCESSOR STATEMENTS 1–4 BY POSITIONING THE CURSON OVER THE FIELDS SHOWN BELOW AND USING THE TOGGLE KEY TO ENABLE THEM.

```
LOGIC STATEMENT CONTROL

          1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6
LP 1-15   E E E E . . . . . . . . . . . .
LP 16-30  . . . . . . . . . . . . . . . .
LP 31-45  . . . . . . . . . . . . . . . .
LP 46-60  . . . . . . . . . . . . . . . .
LP 61-75  . . . . . . . . . . . . . . . .
LP 76-90  . . . . . . . . . . . . . . . .
```

END PROGRAMMING

THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 05-1628
DESIGNED: July 2022
SEALED: 07/11/2022
REVISED: N/A

Electrical Detail - Sheet 2 of 3

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

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