

PROGRAMMING TO OMIT PHASES 2+6 PEDESTRAIN OPERATION AT "START UP"

INPUT ASSIGNMENT PROGRAMMING DETAIL

(program controller as shown below)

1. FROM MAIN MENU PRESS '5' (INPUTS)
2. WITH CURSOR IN "INPUT ASSIGNMENT #" FIELD, USE "-" KEY TO FIND THE INPUT ASSIGNMENT NUMBER 64, AS SHOWN BELOW.
3. PROGRAM CONTROLLER AS SHOWN BELOW.

STEP 1

```

PAGE: 1 C1 PIN:0 NOT ENABLED
INPUT ASSIGNMENT #.....64
DEBOUNCE TIME (0-25.5 SEC).....0.5
DELAY TIME (0-25.5 SEC).....0.0
HOLD-OVER TIME (0-25.5 SEC).....0.0
ASSIGNMENT SELECTION:
NOT ENABLED (Y/N).....Y
VEHICLE DETECTOR (1-64).....
PEDESTRIAN DETECTOR (1-16).....
ALTERNATE PED DETECTOR (1-16).....
PREEMPT (1-10).....
INVERTED PREEMPT (1-10).....
STOP TIME (Y/N).....
FLASH SENSE (Y/N).....
DOOR OPEN (Y/N).....
MANUAL CONTROL ENABLE (Y/N).....
MANUAL CONTROL ADVANCE (Y/N).....
SPECIAL FUNCTION ALARM (1-8).....
TOD HOUR SYNCHRONIZATION (0-23).....
FORCE OFF RING (1-4).....
HOLD PHASES (1-16).....
PLAN (65=FLSH,66=FREE)... OFFSET#..
CHANGE PHASE SEQUENCE PAGE (1-12)...
CHANGE PHASE TIMING PAGE (1-4).....
CHANGE PHASE CONTROL PAGE (1-4).....
CHANGE OVERLAP CONTROL PAGE (1-4)...
CHANGE INPUT PAGE (1-4).....
CHANGE OUTPUT PAGE (1-4).....
OVERRIDE PHASE CONTROL FUNCTION (Y).Y
    
```

SCROLL DOWN TO VIEW ALL DATA
↓

EXISTING DEFAULT PROGRAMMING (IGNORE FOR NOW)

STEP 2

AFTER SELECTION IS MADE, THE PHASE CONTROL FUNCTIONS TABLE APPEARS. SCROLL DOWN ON THIS TABLE AND FIND "OMIT PEDESTRIAN". THEN SELECT PHASES 2 AND 6 FOR "OMIT PEDESTRIAN".

AFTER SELECTION IS MADE PRESS "Esc" → → → →
SCREEN NOW APPEARS AS SHOWN TO THE RIGHT.
(PROGRAMMING COMPLETE)

SELECT "Y" FOR "OVERRIDE PHASE CONTROL FUNCTION"

STEP 3

```

PAGE: 1 C1 PIN:0 OVERRIDE PHASE CONTROL
INPUT ASSIGNMENT #.....64
DEBOUNCE TIME (0-25.5 SEC).....0.5
DELAY TIME (0-25.5 SEC).....0.0
HOLD-OVER TIME (0-25.5 SEC).....0.0
ASSIGNMENT SELECTION:
NOT ENABLED (Y/N).....
VEHICLE DETECTOR (1-64).....
PEDESTRIAN DETECTOR (1-16).....
ALTERNATE PED DETECTOR (1-16).....
PREEMPT (1-10).....
INVERTED PREEMPT (1-10).....
STOP TIME (Y/N).....
FLASH SENSE (Y/N).....
DOOR OPEN (Y/N).....
MANUAL CONTROL ENABLE (Y/N).....
MANUAL CONTROL ADVANCE (Y/N).....
SPECIAL FUNCTION ALARM (1-8).....
TOD HOUR SYNCHRONIZATION (0-23).....
FORCE OFF RING (1-4).....
HOLD PHASES (1-16).....
PLAN (65=FLSH,66=FREE)..65 OFFSET#..
CHANGE PHASE SEQUENCE PAGE (1-12)...
CHANGE PHASE TIMING PAGE (1-4).....
CHANGE PHASE CONTROL PAGE (1-4).....
CHANGE OVERLAP CONTROL PAGE (1-4)...
CHANGE INPUT PAGE (1-4).....
CHANGE OUTPUT PAGE (1-4).....
OVERRIDE PHASE CONTROL FUNCTION (Y).Y
    
```

AFTER INPUT PROGRAMMING IS ACCOMPLISHED PROCEED TO LOGIC PROCESSOR PROGRAMMING SHOWN BELOW.

LOGICAL I/O PROCESSOR PROGRAMMING DETAIL

FOR SPECIAL PEDESTRIAN START-UP

(program controller as shown below)

FROM MAIN MENU ENTER 6 (OUTPUTS).
THEN SELECT 3 (LOGICAL I/O PROCESSOR).

```

LOGICAL I/O COMMAND #1 (+/-COMMAND#)
IF INPUT ASSIGNMENT #43 IS ON
    
```

↓
SCROLL DOWN

```

THEN:
SET INPUT ASSIGNMENT #64 ON
    
```

! IMPORTANT !

IN ORDER FOR LOGIC PROCESSOR PROGRAMMING TO FUNCTION, THE COMMANDS HAVE TO BE ACTIVATED ON THE CONTROL PAGE. FROM THE MAIN MENU SELECT 2 "PHASE CONTROL", THEN 1 "PHASE CONTROL FUNCTIONS". SCROLL DOWN UNTIL YOU SEE "ACT LOGIC 1-16". TOGGLE COMMAND 1 "ON". LOGIC PROCESSOR FUNCTION WILL NOW OPERATE.

PROGRAMMING COMPLETE


INPUT ASSIGNMENT 43 = FLASH SENSE
INPUT ASSIGNMENT 64 = OMIT 2+6 PEDS

NOTE: THIS LOGIC STATEMENT OMITTS 2+6 PEDS FOR THE FIRST CYCLE WHEN EITHER STARTING UP FROM A POWER FAILURE OR COMING OUT OF FLASH.

THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: COA-0119
DESIGNED: MAY 2016
SEALED: 12-13-2016
REVISED:

Mattern & Craig
CONSULTING ENGINEERS + SURVEYORS
FIRM LICENSE NO. C-1154
12 BROAD STREET
ASHEVILLE, NORTH CAROLINA 28801
(828) 254-2201
FAX (828) 254-4562

ELECTRICAL DETAIL SHEET 2 OF 2

 Prepared for the Offices of: 161 S. Charlotte St. Asheville NC 28802	Coxie Ave at COA Bus Terminal and Aston St		SEAL NORTH CAROLINA PROFESSIONAL ENGINEER JAMES B. VOSS 022599 12/13/2016
	Division 13 PLAN DATE: MAY 2016 PREPARED BY: BGR	Buncombe County REVIEWED BY: SMH REVIEWED BY: JBV	