OVERLAP "E" OUTPUT ASSIGNMENT PROGRAMMING DETAIL (program controller as shown below) 1. FROM MAIN MENU PRESS '6' (OUTPUTS), THEN '1' (OUTPUT (ASSIGNMENTS). 2. WITH CURSOR IN "OUTPUT ASSIGNMENT #" FIELD, USE + KEY TO FIND THE OUTPUT ASSIGNMENT NUMBER 45 , AS SHOWN BELOW. 3. PROGRAM CONTROLLER AS SHOWN: PAGE:1 C1 PIN:91 NOT ENABLED OUTPUT ASSIGNMENT #.....45 FREQUENCY (0=DEFAULT) (0-25.5 HZ)...0.0 DUTY CYCLE (0=DEFAULT) (0 - 100%)...0 MODE (0=SOLID, 1=FLASH.....0 SELECT ASSIGNMENT: NOT ENABLED.....Y --THIS ENTRY IS EXISTING BY DEFAUL VEHICLE PHASE.... PEDESTRIAN PHASE..... VEHICLE OVERLAP.....Y PEDESTRIAN OVERLAP..... PAGE:1 C1 PIN:91 NOT ENABL SCROLL WATCHDOG..... DOWN TO VIEW ALL DETECTOR RESET..... SELECT VEHICLE OVERLAP (A=1. ADVANCE BEACON.... SELECT COLOR (0=RED,1=YEL,2=C DATA OUT OF PHASE FLASHER..... CONTROLLER FLASH..... RUN FREE..... RESERVED..... PREEMPT..... SOFT PREEMPT..... WHEN A "Y" IS ENTERED FOR "VEH ANY PREEMPT..... THE SCREEN SHOWN ABOVE WILL API COORDINATION PLAN..... ENTER DATA AS SHOWN. PHASE CHECK..... PRESS ENTER AFTER ENTERING DA PHASE ON..... PHASE NEXT..... VEHICLE OVERLAP E (RED) LOAD SWITCH AUX S3 1. FROM MAIN MENU PRESS '6' (OUTPUTS), THEN '1' (OUTPUT (ASSIGNMENTS). 2. WITH CURSOR IN "OUTPUT ASSIGNMENT #" FIELD, USE + KEY TO FIND THE OUTPUT ASSIGNMENT NUMBER 46, AS SHOWN BELOW. 3. PROGRAM CONTROLLER AS SHOWN: PAGE:1 C1 PIN:93 NOT ENABLED OUTPUT ASSIGNMENT #.....46 FREQUENCY (0=DEFAULT) (0-25.5 HZ)...0.0 DUTY CYCLE (O=DEFAULT) (O - 100%)...O MODE (O=SOLID, 1=FLASH.....O SELECT ASSIGNMENT: NOT ENABLED.....Y ---THIS ENTRY IS EXISTING BY DEFA VEHICLE PHASE..... PEDESTRIAN PHASE..... VEHICLE OVERLAP.....Y PEDESTRIAN OVERLAP..... PAGE:1 C1 PIN:93 NOT EN WATCHDOG..... SCROLL DOWN TO VIEW ALL DATA DETECTOR RESET..... SELECT VEHICLE OVERLAP (A=1 ADVANCE BEACON..... SELECT COLOR (0=RED.1=YEL.2 OUT OF PHASE FLASHER..... CONTROLLER FLASH RUN FREE..... RESERVED..... PREEMPT.... SOFT PREEMPT..... WHEN A "Y" IS ENTERED FOR "VE ANY PREEMPT..... COORDINATION PLAN..... THE SCREEN SHOWN ABOVE WILL OFFSET..... ENTER DATA AS SHOWN. PHASE CHECK..... PRESS ENTER AFTER ENTERING DA PHASE ON..... PHASE NEXT..... VEHICLE OVERLAP E (GREEN) LOAD SWITCH AUX S3 1. FROM MAIN MENU PRESS '6' (OUTPUTS), THEN '1' (OUTPUT (ASSIGNMENTS). 2. WITH CURSOR IN "OUTPUT ASSIGNMENT #" FIELD. USE + KEY TO FIND THE OUTPUT ASSIGNMENT NUMBER 54, AS SHOWN BELOW. 3. PROGRAM CONTROLLER AS SHOWN: PAGE:1 C1 PIN:101 CONTROLLER FLASH OUTPUT ASSIGNMENT #.....54 FREQUENCY (0=DEFAULT) (0-25.5 HZ)...0.0 DUTY CYCLE (0=DEFAULT) (0 - 100%)...0 MODE (O=SOLID, 1=FLASH.....0 SELECT ASSIGNMENT: PAGE:1 C1 PIN:101 CONTROLLER FLASH NOT ENABLED..... SELECT VEHICLE OVERLAP (A=1, P=16)...5 VEHICLE PHASE..... SELECT COLOR (0=RED,1=YEL,2=GRN)....1 PEDESTRIAN PHASE..... VEHICLE OVERLAP.....Y PEDESTRIAN OVERLAP..... WATCHDOG.... SCROLL DOWN TO VIEW ALL DATA DETECTOR RESET.... ADVANCE BEACON..... OUT OF PHASE FLASHER..... WHEN A "Y" IS ENTERED FOR "VEHICLE OVERLAP" CONTROLLER FLASH.....Y -THE SCREEN SHOWN ABOVE WILL APPEAR. RUN FREE..... ENTER DATA AS SHOWN. RESERVED..... PREEMPT.... PRESS ENTER AFTER ENTERING DATA, THEN ESC. SOFT PREEMPT..... ANY PREEMPT..... - THIS ENTRY IS EXISTING BY DEFAULT COORDINATION PLAN..... PHASE CHECK..... PHASE ON..... PHASE NEXT..... VEHICLE OVERLAP E (YELLOW) LOAD SWITCH AUX S3







| AULT NABLED I. P=16)5 2=GRN)2 | PAGE:1 C1 PIN:93 VEHICLE OVERLAP OUTPUT ASSIGNMENT # |
|--|---|
| EHICLE OVERLAP" APPEAR. | ANY PREEMPT COORDINATION PLAN OFFSET BHASE CHECK |
| ATA, THEN ESC. | PHASE ON PHASE NEXT |

DISPLAY WILL NOW SHOW THE SPECIFIED OUTPUT ASSIGNED AS "VEHICLE OVERLAP" AS SHOWN BELOW:



| | ASSIGNED AS VEHICLE OVEREAL AS SHOWN DEL |
|-------------------------------|---|
| JLT ►D P=16)5 =GRN)0 | PAGE:1 C1 PIN:91 VEHICLE OVERLAP OUTPUT ASSIGNMENT # |
| HICLE OVERLAP" PPEAR. | SOFT PREEMPT ANY PREEMPT COORDINATION PLAN OFFSET PHASE CHECK |
| TA, THEN ESC. | PHASE ON PHASE NEXT |
| | |

DISPLAY WILL NOW SHOW THE SPECIFIED OUTPUT ASSIGNED AS "VEHICLE OVERLAP" AS SHOWN BELOW:

LOAD R ACCEPTABLE VALUE VALUE (ohms) | WATTA(1.5K - 1.9K 25W (r 2.0K - 3.0K |10W (m ELEC

| RAILR | OAD F |
|-------|---|
| 1 | ⁻ rom Mai (Standar to advar |
| | PRE INTERV GRN 1 32 2 255 3 0 4 0 5 1 EXIT 0 |
| | PRIORI DELAY MIN GR PED CL YELLOW RED CL DWELL DWELL DWELL LATCH LINK T ENABLE HOLD C FAST C PED CL INHIBI SERVIC REST I FLASH ALLOW RE-TIM |

| | | | C-5558 | SHEET NO. Sig. 183.3 |
|--|--|---|--|--------------------------------|
| OAD PREEMPIION PROGRA (program controller as shown be | <u>MMING DEIA</u> Iow) | | | 1 |
| rom Main Menu press 'A' (Preemptic Standard Preemptions), Press 'NEX o advance to Preemption #3, | on), then '1' (T' twice | | | |
| PREEMPTION #3 SETTINGS (NE INTERVAL/TIMING CLEAR/DWELL GRN YEL RED 12345678910111 1 32 3.8 2.4 X X 2 255 0.0 0.0 X 3 0 0.0 0.0 4 0 0.0 0.0 5 1 0.0 0.0 X X | XT:1-10) PHASES 213141516 | | | |
| OPTIONS PRIORITY (Y/N TO SELECT) DELAY TIMER (O-255 SEC) MIN GREEN BEFORE PRE (O= DEFAUL PED CLEAR BEFORE PRE (O= DEFAUL YELLOW CLEAR BEFORE PRE (O= DEFAUL DWELL MIN TIMER (O-255 SEC) DWELL MIN TIMER (O-255 SEC) DWELL MAX TIMER (O=OFF,1-255MIN DWELL HOLD-OVER TIMER (O-255) . LATCH CALL? LINK TO NEXT PREEMPT? ENABLE BACKUP PROTECTION? HOLD CLEAR 1 PHASES DURING DELA FAST GREEN FLASH DWELL PHASES? PED CLEARANCE THROUGH YELLOW? . INHIBIT OVERLAP GREEN EXTENSION SERVICE DURING SOFTWARE FLASH? REST IN RED DURING DWELL INTERVAL? . ALLOW PEDS IN DWELL INTERVAL? OVERLAPS:ABCDEF DWELL INT FLASH YELLOW | H I GH 0 T) 1 T) 0 AUL T) . 0 . 0 T) 0 . 0 T) 0 . 0 7 N) 0 7 N) 0 0 N | | | |
| OMIT OVERLAPS: X X | | | | |
| $\frac{\text{AD RESISTOR INSTALLAT}}{\text{(install resistors as shown below)}}$ $\frac{\text{VALUES}}{\text{VALUES}}{\frac{\text{VALUES}}{25W (m1n)}}$ $\frac{\text{VALUES}}{\text{AC}^{-}}$ $\frac{\text{VALUES}}{\text{AC}^{-}}$ $\frac{\text{VALUES}}{\text{AC}^{-}}$ | CON DETAIL () () () () () () () () () () | IELD LOW FIELD 3) AP E RED VAL (A111) | | |
| THIS ELE THE SIGN DESIGNED SEALED: REVISED: | CTRICAL DETAIL IS NAL DESIGN: 08-070 D: July 2014 5-06-15 N/A | FOR 7 | | |
| ELECTRICAL DETAIL SHEET 3 OF 5 ELECTRICAL AND PROGRAMMING DETAILS FOR: Prepored in the Offices of: Notified Provided for the Offices of: SR 1 SR 1 SR 1 Division 8 PLAN DATE: Jul PREPARED BY: James REVIS | 595 (Surrett at 592 (Eden Ter Corporation Randolph County y 2014 REVIEWED BY: 5 Peterson REVIEWED BY: 510NS | Drive) race) Drive 977 INIT. DAT | SEAL OOR 453 ale DocuSigned by: John T. Rowe, Jr 64154604512475 | 5/6/2015 DATE |