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 (O=DEFAULT) (O-25.5 HZ)...0.0
DUTY CYCLE (O=DEFAULT) (O - 100%)...0
MODE (O=SOLID. 1=FLASH.............O
SELECT ASSIGNMENT:
NOT ENABLED.........................Y        ---- EXISTING DEFAULT ENTRY
VEHICLE PHASE.......................
PEDESTRIAN PHASE....................
VEHICLE OVERLAP.....................Y
PEDESTRIAN OVERLAP..................
WATCHDOG............................
DETECTOR RESET......................
ADVANCE BEACON......................
OUT OF PHASE FLASHER................
CONTROLLER FLASH....................
RUN FREE............................
RESERVED............................
PREEMPT.............................
SOFT PREEMPT........................
ANY PREEMPT.........................
COORDINATION PLAN...................
OFFSET..............................
PHASE CHECK.........................
PHASE ON............................
PHASE NEXT..........................
```

```
PAGE:1  C1 PIN:91  NOT ENABLED
SELECT VEHICLE OVERLAP (A=1. P=16)...5
SELECT COLOR (O=RED.1=YEL.2=GRN).....O
```

WHEN A "Y" IS ENTERED FOR "VEHICLE OVERLAP" THE SCREEN SHOWN ABOVE WILL APPEAR.
ENTER DATA AS SHOWN.

PRESS ENTER AFTER ENTERING DATA. THEN ESC.

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

```
PAGE:1  C1 PIN:91  VEHICLE OVERLAP
OUTPUT ASSIGNMENT #.................45
FREQUENCY (O=DEFAULT) (O-25.5 HZ)...0.0
DUTY CYCLE (O=DEFAULT) (O - 100%)...O
MODE (O=SOLID. 1=FLASH.............O
SELECT ASSIGNMENT:
NOT ENABLED.........................
VEHICLE PHASE.......................
PEDESTRIAN PHASE....................
VEHICLE OVERLAP.....................Y
PEDESTRIAN OVERLAP..................
WATCHDOG............................
DETECTOR RESET......................
ADVANCE BEACON......................
OUT OF PHASE FLASHER................
CONTROLLER FLASH....................
RUN FREE............................
RESERVED............................
PREEMPT.............................
SOFT PREEMPT........................
ANY PREEMPT.........................
COORDINATION PLAN...................
OFFSET..............................
PHASE CHECK.........................
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 (O=DEFAULT) (O-25.5 HZ)...0.0
DUTY CYCLE (O=DEFAULT) (O - 100%)...O
MODE (O=SOLID. 1=FLASH.............O
SELECT ASSIGNMENT:
NOT ENABLED.........................Y        ---- EXISTING DEFAULT ENTRY
VEHICLE PHASE.......................
PEDESTRIAN PHASE....................
VEHICLE OVERLAP.....................Y
PEDESTRIAN OVERLAP..................
WATCHDOG............................
DETECTOR RESET......................
ADVANCE BEACON......................
OUT OF PHASE FLASHER................
CONTROLLER FLASH....................
RUN FREE............................
RESERVED............................
PREEMPT.............................
SOFT PREEMPT........................
ANY PREEMPT.........................
COORDINATION PLAN...................
OFFSET..............................
PHASE CHECK.........................
PHASE ON............................
PHASE NEXT..........................
```

```
PAGE:1  C1 PIN:93  NOT ENABLED
SELECT VEHICLE OVERLAP (A=1. P=16)...5
SELECT COLOR (O=RED.1=YEL.2=GRN).....2
```

WHEN A "Y" IS ENTERED FOR "VEHICLE OVERLAP" THE SCREEN SHOWN ABOVE WILL APPEAR.
ENTER DATA AS SHOWN.

PRESS ENTER AFTER ENTERING DATA. THEN ESC.

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

```
PAGE:1  C1 PIN:93  VEHICLE OVERLAP
OUTPUT ASSIGNMENT #.................46
FREQUENCY (O=DEFAULT) (O-25.5 HZ)...0.0
DUTY CYCLE (O=DEFAULT) (O - 100%)...O
MODE (O=SOLID. 1=FLASH.............O
SELECT ASSIGNMENT:
NOT ENABLED.........................
VEHICLE PHASE.......................
PEDESTRIAN PHASE....................
VEHICLE OVERLAP.....................Y
PEDESTRIAN OVERLAP..................
WATCHDOG............................
DETECTOR RESET......................
ADVANCE BEACON......................
OUT OF PHASE FLASHER................
CONTROLLER FLASH....................
RUN FREE............................
RESERVED............................
PREEMPT.............................
SOFT PREEMPT........................
ANY PREEMPT.........................
COORDINATION PLAN...................
OFFSET..............................
PHASE CHECK.........................
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 (O=DEFAULT) (O-25.5 HZ)...0.0
DUTY CYCLE (O=DEFAULT) (O - 100%)...O
MODE (O=SOLID. 1=FLASH.............O
SELECT ASSIGNMENT:
NOT ENABLED.........................
VEHICLE PHASE.......................
PEDESTRIAN PHASE....................
VEHICLE OVERLAP.....................Y
PEDESTRIAN OVERLAP..................
WATCHDOG............................
DETECTOR RESET......................
ADVANCE BEACON......................
OUT OF PHASE FLASHER................
CONTROLLER FLASH....................Y
RUN FREE............................
RESERVED............................
PREEMPT.............................
SOFT PREEMPT........................
ANY PREEMPT.........................
COORDINATION PLAN...................
OFFSET..............................
PHASE CHECK.........................
PHASE ON............................
PHASE NEXT..........................
```

```
PAGE:1  C1 PIN:101  CONTROLLER FLASH
SELECT VEHICLE OVERLAP (A=1. P=16)...5
SELECT COLOR (O=RED.1=YEL.2=GRN).....1
```

WHEN A "Y" IS ENTERED FOR "VEHICLE OVERLAP" THE SCREEN SHOWN ABOVE WILL APPEAR.
ENTER DATA AS SHOWN.

PRESS ENTER AFTER ENTERING DATA. THEN ESC.
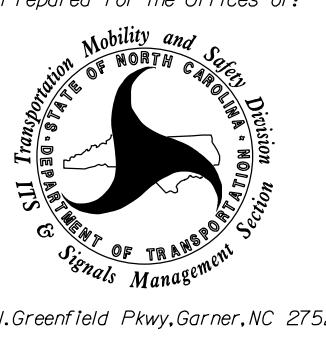
---- EXISTING DEFAULT ENTRY

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

```
PAGE:1  C1 PIN:101  VEHICLE OVERLAP
OUTPUT ASSIGNMENT #.................54
FREQUENCY (O=DEFAULT) (O-25.5 HZ)...0.0
DUTY CYCLE (O=DEFAULT) (O - 100%)...O
MODE (O=SOLID. 1=FLASH.............O
SELECT ASSIGNMENT:
NOT ENABLED.........................
VEHICLE PHASE.......................
PEDESTRIAN PHASE....................
VEHICLE OVERLAP.....................Y
PEDESTRIAN OVERLAP..................
WATCHDOG............................
DETECTOR RESET......................
ADVANCE BEACON......................
OUT OF PHASE FLASHER................
CONTROLLER FLASH....................
RUN FREE............................
RESERVED............................
PREEMPT.............................
SOFT PREEMPT........................
ANY PREEMPT.........................
COORDINATION PLAN...................
OFFSET..............................
PHASE CHECK.........................
PHASE ON............................
PHASE NEXT..........................
```

VEHICLE OVERLAP E (YELLOW) LOAD SWITCH AUX S3

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

Electrical Detail-Temporary Phase II-Sheet 4 of 4

ELECTRICAL AND PROGRAMMING DETAILS FOR:

US 74 Bus. (Marion Street)
at
NC 150 (Cherryville Road) /
SR 2053 (Peach Street)

Division 12   Cleveland County   Shelby

Prepared for the Offices of:

PLAN DATE:	March 2022	REVIEWED BY:	J.L. Lewis
PREPARED BY:	J. Ma	REVIEWED BY:	M.L. Stygles

REVISIONS	INIT.	DATE

SEAL

NORTH CAROLINA
PROFESSIONAL
SEAL
033108
ENGINEER
JIANXIN MA

3/1/2022
DATE

750 N.Greenfield Pkwy,Garner,NC 27529

SIG. INVENTORY NO.   12-0600T2

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