PROJECT REFERENCE NO.	SHEET NO.
XXXXXXXXXX	Sig. 4

2016CPT.03.09.10101, Etc.

OUTPUT RE-ASSIGNMENT PROGRAMMING DETAIL
TO CONVERT LOAD SWITCH S2 (PHASE 2 VEH.) TO FLASHER OUTPUT

(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 11, AS SHOWN BELOW.
3. PROGRAM CONTROLLER AS SHOWN:

SCROLL DOWN TO VIEW ALL DATA

```
PAGE:1  C1 PIN:12  VEHICLE PHASE
OUTPUT ASSIGNMENT #.................11
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
VEHICLE PHASE......................Y
PEDESTRIAN PHASE...................
VEHICLE OVERLAP....................
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.........................
```

ENTER A "Y" TO DISABLE THIS OUTPUT

THE VEH. PHASE "Y" WILL REMAIN UNTIL FUNCTION OF THIS OUTPUT IS CHANGED. DO NOT ENTER A "N". ENTER A "YES" BESIDE "NOT ENABLED" AS SHOWN.

DISPLAY WILL NOW SHOW THE SPECIFIED OUTPUT ASSIGNED AS "NOT ENABLED" AS SHOWN BELOW:

```
PAGE:1  C1 PIN:12  NOT ENABLED
OUTPUT ASSIGNMENT #.................11
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
VEHICLE PHASE.....................
PEDESTRIAN PHASE..................
VEHICLE OVERLAP...................
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........................
```

LS 2-RED = NOT ENABLED

PRESS + KEY ONCE
TO ADVANCE TO OUTPUT 12

SCROLL DOWN TO VIEW ALL DATA

```
PAGE:1  C1 PIN:13  VEHICLE PHASE
OUTPUT ASSIGNMENT #.................12
FREQUENCY (0=DEFAULT) (0-25.5 HZ)...1.0
DUTY CYCLE (0=DEFAULT) (0 - 100%)...50
MODE (0=SOLID, 1=FLASH.............1
SELECT ASSIGNMENT:
NOT ENABLED........................Y
VEHICLE PHASE.....................Y
PEDESTRIAN PHASE..................
VEHICLE OVERLAP...................
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........................
```

PROGRAM OUTPUT TO FLASH AS SHOWN

ENTER A "Y" BESIDE NOT ENABLED

THE VEHICLE PHASE "Y" WILL REMAIN UNTIL FUNCTION OF THIS OUTPUT IS CHANGED. DO NOT ENTER A "N". ENTER A "YES" BESIDE "NOT ENABLED" AS SHOWN.

DISPLAY WILL NOW SHOW THE SPECIFIED OUTPUT ASSIGNED AS "NOT ENABLED" AS SHOWN BELOW:

```
PAGE:1  C1 PIN:13  NOT ENABLED
OUTPUT ASSIGNMENT #.................12
FREQUENCY (0=DEFAULT) (0-25.5 HZ)...1.0
DUTY CYCLE (0=DEFAULT) (0 - 100%)...50
MODE (0=SOLID, 1=FLASH.............1
SELECT ASSIGNMENT:
NOT ENABLED........................Y
VEHICLE PHASE.....................
PEDESTRIAN PHASE..................
VEHICLE OVERLAP...................
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........................
```

LS 2-YEL - FLASHER OUT

PRESS + KEY ONCE
TO ADVANCE TO OUTPUT 13

SCROLL DOWN TO VIEW ALL DATA

```
PAGE:1  C1 PIN:15  VEHICLE PHASE
OUTPUT ASSIGNMENT #.................13
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
VEHICLE PHASE.....................Y
PEDESTRIAN PHASE..................
VEHICLE OVERLAP...................
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........................
```

ENTER A "Y" TO DISABLE THIS OUTPUT

THE VEH. PHASE "Y" WILL REMAIN UNTIL FUNCTION OF THIS OUTPUT IS CHANGED. DO NOT ENTER A "N". ENTER A "YES" BESIDE "NOT ENABLED" AS SHOWN.

DISPLAY WILL NOW SHOW THE SPECIFIED OUTPUT ASSIGNED AS "NOT ENABLED" AS SHOWN BELOW:

```
PAGE:1  C1 PIN:15  NOT ENABLED
OUTPUT ASSIGNMENT #.................13
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
VEHICLE PHASE.....................
PEDESTRIAN PHASE..................
VEHICLE OVERLAP...................
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........................
```

LS 2-GRN = NOT ENABLED

THIS ELECTRICAL DETAIL IS FOR
THE SIGNAL DESIGN: 03-1067
DESIGNED: July 2012
SEALED: 7/16/15
REVISED: 7/16/15

Electrical Detail Sheet 3 of 6

ELECTRICAL AND PROGRAMMING DETAILS FOR:

Prepared in the Offices of:

Transportation Mobility and Safety Division
STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
Signal Management Section

750 N.Greenfield Pkwy,Garner,NC 27529

US 17
at
SR 1303 (Hickman Road)

Division 03 | Brunswick County | Carolina Shores

PLAN DATE: July 2012	REVIEWED BY:
PREPARED BY: M.W. HARRISON	REVIEWED BY:

REVISIONS	INIT.	DATE
1 install loops, no change to electrical detail. (JP)	JTR	7/20/2015

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 008453 ENGINEER JOHN T. ROWE, JR.

DocuSigned by: John T. Rowe, Jr. 7-31-12
SIGNATURE DATE

SIG. INVENTORY NO. 03-1067

20-JUL-2015 11:32
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jipeterson