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PROJECT REFERENCE NO.	SHEET NO.
R-5843	SIG. 4.0

PED OVERLAP
OUTPUT ASSIGNMENT PROGRAMMING DETAIL

(program controller as shown below)

FROM MAIN MENU PRESS '6' (OUTPUTS), THEN '1' (OUTPUT ASSIGNMENTS). PRESS '+' UNTIL OUTPUT #1 IS REACHED.

```
PAGE:1  C1 PIN:2  PEDESTRIAN PHASE
OUTPUT ASSIGNMENT #.................1
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........................
VEHICLE PHASE......................_
PEDESTRIAN PHASE...................Y
VEHICLE OVERLAP...................._
PEDESTRIAN OVERLAP.................Y
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.........................._
```

THIS ENTRY IS EXISTING BY DEFAULT

```
PAGE:1  C1 PIN:2   NOT ENABLED
SELECT PED OVERLAP (A=1, P=16)........1
SELECT COLOR (0=DWALK,1=YEL,2=WALK).....0
```

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

PRESS THE 'ENT' AFTER AFTER INPUTTING DATA. THEN 'ESC'.

DISPLAY WILL NOW SHOW THE SPECIFIED OUTPUT ASSIGNED AS 'PEDESTRIAN OVERLAP' AS SHOWN BELOW.

```
PAGE:1  C1 PIN:2   PEDESTRIAN OVERLAP
OUTPUT ASSIGNMENT #.................1
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........................_
VEHICLE PHASE......................_
PEDESTRIAN PHASE..................._
VEHICLE OVERLAP...................._
PEDESTRIAN OVERLAP.................Y
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.........................._
```

PED OVERLAP A (DON'T WALK) LOAD SWITCH S6

FROM MAIN MENU PRESS '6' (OUTPUTS), THEN '1' (OUTPUT ASSIGNMENTS). PRESS '+' UNTIL OUTPUT #2 (PIN 3) IS REACHED.

```
PAGE:1  C1 PIN:3   PEDESTRIAN PHASE
OUTPUT ASSIGNMENT #.................2
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........................
VEHICLE PHASE......................_
PEDESTRIAN PHASE...................Y
VEHICLE OVERLAP...................._
PEDESTRIAN OVERLAP.................Y
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.........................._
```

THIS ENTRY IS EXISTING BY DEFAULT

```
PAGE:1  C1 PIN:3   NOT ENABLED
SELECT PED OVERLAP (A=1, P=16)........1
SELECT COLOR (0=DWALK,1=YEL,2=WALK).....2
```

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

PRESS THE 'ENT' AFTER AFTER INPUTTING DATA. THEN 'ESC'.

DISPLAY WILL NOW SHOW THE SPECIFIED OUTPUT ASSIGNED AS 'PEDESTRIAN OVERLAP' AS SHOWN BELOW.

```
PAGE:1  C1 PIN:3  PEDESTRIAN OVERLAP
OUTPUT ASSIGNMENT #.................2
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........................_
VEHICLE PHASE......................_
PEDESTRIAN PHASE..................._
VEHICLE OVERLAP...................._
PEDESTRIAN OVERLAP.................Y
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.........................._
```

PED OVERLAP A (WALK) LOAD SWITCH S6

FROM MAIN MENU PRESS '6' (OUTPUTS), THEN '1' (OUTPUT ASSIGNMENTS). PRESS '+' UNTIL OUTPUT #17 IS REACHED.

```
PAGE:1  C1 PIN:19  PEDESTRIAN PHASE
OUTPUT ASSIGNMENT #................17
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........................
VEHICLE PHASE......................_
PEDESTRIAN PHASE...................Y
VEHICLE OVERLAP...................._
PEDESTRIAN OVERLAP.................Y
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.........................._
```

THIS ENTRY IS EXISTING BY DEFAULT

```
PAGE:1  C1 PIN:19  NOT ENABLED
SELECT PED OVERLAP (A=1, P=16)........1
SELECT COLOR (0=DWALK,1=YEL,2=WALK).....0
```

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

PRESS THE 'ENT' AFTER AFTER INPUTTING DATA. THEN 'ESC'.

DISPLAY WILL NOW SHOW THE SPECIFIED OUTPUT ASSIGNED AS 'PEDESTRIAN OVERLAP' AS SHOWN BELOW.

```
PAGE:1  C1 PIN:19  PEDESTRIAN OVERLAP
OUTPUT ASSIGNMENT #................17
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........................_
VEHICLE PHASE......................_
PEDESTRIAN PHASE..................._
VEHICLE OVERLAP...................._
PEDESTRIAN OVERLAP.................Y
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.........................._
```

PED OVERLAP B (DON'T WALK) LOAD SWITCH S12

FROM MAIN MENU PRESS '6' (OUTPUTS), THEN '1' (OUTPUT ASSIGNMENTS). PRESS '+' UNTIL OUTPUT #18 IS REACHED.

```
PAGE:1  C1 PIN:20  PEDESTRIAN PHASE
OUTPUT ASSIGNMENT #................18
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........................
VEHICLE PHASE......................_
PEDESTRIAN PHASE...................Y
VEHICLE OVERLAP...................._
PEDESTRIAN OVERLAP.................Y
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.........................._
```

THIS ENTRY IS EXISTING BY DEFAULT

```
PAGE:1  C1 PIN:20  NOT ENABLED
SELECT PED OVERLAP (A=1, P=16)........1
SELECT COLOR (0=DWALK,1=YEL,2=WALK).....2
```

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

PRESS THE 'ENT' AFTER AFTER INPUTTING DATA. THEN 'ESC'.

DISPLAY WILL NOW SHOW THE SPECIFIED OUTPUT ASSIGNED AS 'PEDESTRIAN OVERLAP'AS SHOWN BELOW.

```
PAGE:1  C1 PIN:20 PEDESTRIAN OVERLAP
OUTPUT ASSIGNMENT #................18
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........................_
VEHICLE PHASE......................_
PEDESTRIAN PHASE..................._
VEHICLE OVERLAP...................._
PEDESTRIAN OVERLAP.................Y
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.........................._
```

PED OVERLAP B (WALK) LOAD SWITCH S12

NC Dept of Transportation
Division of Highways
Final Drawing Date: 1/25/2019
DocuSigned by: R. N. Linser
Signature
ITS & Signals Unit

THIS ELECTRICAL DETAIL IS FOR
THE SIGNAL DESIGN: 14-1306
DESIGNED: JUNE 2018
SEALED: 1/18/2018
REVISED:

New Installation - Electrical Detail - Sheet 3 of 3

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

ELECTRICAL AND PROGRAMMING DETAILS FOR:

Prepared For:

750 N.Greenfield Pkwy,Garner,NC 27529

EVERETT STREET AT SR 1336 (DEPOT STREET)

DIVISION 14 SWAIN COUNTY BRYSON CITY

PLAN DATE:	JUNE 2018	REVIEWED BY:	SL PHILLIPS
PREPARED BY:	SP PENNINGTON	REVIEWED BY:	

REVISIONS	INIT.	DATE

SEAL
NORTH CAROLINA PROFESSIONAL SEAL 032607 ENGINEER STACIE L. PHILLIPS
DocuSigned by: 1/18/2019
DOCUSIGNED ENVELOPE SIGNATURE DATE

SIG. INVENTORY NO. 14-1306

PLANS PREPARED IN THE OFFICE OF:
Kimley»Horn
NC License #F-0102
421 Fayetteville Street, Suite 600
Raleigh, NC 27601
(919) 677-2000

1/17/2019 12:01:02 PM susan.pennington K:\RAL_Roadway\01036387 - Div 14 (R-5843 Bryson Int)\Traffic Signal\S4 - Signal Design\14-1306_2018a3.dgn