R-5021 Sig. 45.3

OVERLAP PROGRAMMING DETAIL FOR ALTERNATE PHASING

(program controller as shown below)

FROM MAIN MENU PRESS '8' (OVERLAPS). THEN '1' (VEHICLE OVERLAP SETTINGS). PRESS 'NEXT' TO ADVANCE TO PAGE 2. NOTICE -NOTICE -PAGE 2: VEHICLE OVERLAP 'A' SETTINGS PAGE 2: VEHICLE OVERLAP 'D' SETTINGS 12345678910111213141516 PAGE 2 PAGE 2 112345678910111213141516 PHASE: VEH OVL PARENTS: | X VEH OVL PARENTS: | VEH OVL NOT VEH: VEH OVL NOT VEH: ; VEH OVL NOT PED: VEH OVL NOT PED: VEH OVL GRN EXT: : VEH OVL GRN EXT: STARTUP COLOR: _ RED _ YELLOW _ GREEN STARTUP COLOR: _ RED _ YELLOW _ GREEN FLASH COLORS: _ RED _ YELLOW _ GREEN FLASH COLORS: _ RED _ YELLOW _ GREEN SELECT VEHICLE OVERLAP OPTIONS: (Y/N) SELECT VEHICLE OVERLAP OPTIONS: (Y/N) FLASH YELLOW IN CONTROLLER FLASH?...N
GREEN EXTENSION (0-255 SEC)......0
YELLOW CLEAR (0=PARENT.3-25.5 SEC)...0.0 FLASH YELLOW IN CONTROLLER FLASH?...Y GREEN EXTENSION (0-255 SEC)..... YELLOW CLEAR (0=PARENT.3-25.5 SEC)..0.0 RED CLEAR (0=PARENT.0.1-25.5 SEC)...0.0 RED CLEAR (0=PARENT.0.1-25.5 SEC)...0.0 OUTPUT AS PHASE # (0=NONE, 1-16)....0 OUTPUT AS PHASE # (0=NONE, 1-16)....0 PRESS '+' PRESS '+' PAGE 2: VEHICLE OVERLAP 'B' SETTINGS NOTICE -NOTICE -PAGE 2: VEHICLE OVERLAP 'E' SETTINGS PAGE 2 12345678910111213141516 PAGE 2 12345678910111213141516 PHASE: VEH OVL PARENTS: ; VEH OVL PARENTS: | X VEH OVL NOT VEH: ; VEH OVL NOT VEH: VEH OVL NOT PED: VEH OVL NOT PED: VEH OVL GRN EXT: : VEH OVL GRN EXT: STARTUP COLOR: _ RED _ YELLOW _ GREEN STARTUP COLOR: _ RED _ YELLOW _ GREEN FLASH COLORS: _ RED _ YELLOW _ GREEN FLASH COLORS: _ RED _ YELLOW X GREEN **←** NOTICE SELECT VEHICLE OVERLAP OPTIONS: (Y/N) SELECT VEHICLE OVERLAP OPTIONS: (Y/N) GREEN FLASH YELLOW IN CONTROLLER FLASH?...N FLASH YELLOW IN CONTROLLER FLASH?...Y FLASH GREEN EXTENSION (0-255 SEC)..... GREEN EXTENSION (0-255 SEC)..... YELLOW CLEAR (O=PARENT.3-25.5 SEC)..0.0 YELLOW CLEAR (0=PARENT.3-25.5 SEC)..0.0 RED CLEAR (0=PARENT.0.1-25.5 SEC)...0.0 RED CLEAR (0=PARENT.0.1-25.5 SEC)...0.0 OUTPUT AS PHASE # (0=NONE, 1-16)....0 OUTPUT AS PHASE # (0=NONE, 1-16)....0 PRESS '+' PRESS '+' PAGE 2: VEHICLE OVERLAP 'C' SETTINGS PAGE 2: VEHICLE OVERLAP 'F' SETTINGS NOTICE -12345678910111213141516 PAGE 2 12345678910111213141516 VEH OVL PARENTS: | XX VEH OVL PARENTS: | XX VEH OVL NOT VEH: ! VEH OVL NOT VEH: | VEH OVL NOT PED: VEH OVL NOT PED: : VEH OVL GRN EXT: VEH OVL GRN EXT: STARTUP COLOR: _ RED _ YELLOW _ GREEN STARTUP COLOR: _ RED _ YELLOW _ GREEN FLASH COLORS: _ RED _ YELLOW X GREEN | — NOTICE FLASH COLORS: _ RED _ YELLOW X GREEN SELECT VEHICLE OVERLAP OPTIONS: (Y/N) GREEN SELECT VEHICLE OVERLAP OPTIONS: (Y/N) GREEN FLASH YELLOW IN CONTROLLER FLASH?...N FLASH FLASH YELLOW IN CONTROLLER FLASH?...Y FLASH GREEN EXTENSION (0-255 SEC)..... GREEN EXTENSION (0-255 SEC).....0 YELLOW CLEAR (O=PARENT.3-25.5 SEC)..0.0 YELLOW CLEAR (O=PARENT.3-25.5 SEC)..0.0 RED CLEAR (0=PARENT.0.1-25.5 SEC)...0.0 RED CLEAR (0=PARENT.0.1-25.5 SEC)...0.0

OUTPUT AS PHASE # (0=NONE. 1-16)....0

PRESS '+'

OUTPUT AS PHASE # (0=NONE, 1-16)....0

OVERLAP PROGRAMMING COMPLETE

FLASHER CIRCUIT MODIFICATION DETAIL

IN ORDER TO INSURE THAT SIGNALS FLASH CONCURRENTLY ON THE SAME APPROACH. MAKE THE FOLLOWING FLASHER CIRCUIT CHANGES:

- 1. ON REAR OF PDA REMOVE WIRE FROM TERM. T2-4 AND TERMINATE ON T2-2.
- 2. ON REAR OF PDA REMOVE WIRE FROM TERM. T2-5 AND TERMINATE ON T2-3.
- 3. REMOVE FLASHER UNIT 2.

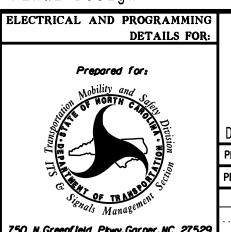
THE CHANGES LISTED ABOVE TIES ALL PHASES AND OVERLAPS TO FLASHER UNIT 1.

THIS ELECTRICAL DETAIL IS FOR
THE SIGNAL DESIGN: 03-0215
DESIGNED: June 2017
SEALED: 9/10/2021
REVISED: N/A

Electrical Detail - Sheet 3 of 9 Signal Upgrade

Final Design

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



NC 211 (Howe Street)
at

NC 87 (River Road)/
SR 1852 (Robert Ruark Drive)
Division 03 Brunswick Co. Southport
PLAN DATE: June 2017 REVIEWED BY: A.D. Klinksiek
PREPARED BY: A.H. Thornburg REVIEWED BY: N.R. Simmons

REVISIONS

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Southport
linksiek
Simmons
DATE
Notasha Simmons

N.R. SIMMONS

INIT. DATE

Matasha Simmons

F6DA88DF3AD445A... 9/10/20

SIGNATURE DATE

SIG. INVENTORY NO. 03-0215

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