## <u>ALTERNATE PHASING ACTIVATION DETAIL</u>

TO RUN ALT. PHASING DURING <u>COORDINATION</u> - SELECT ALL PAGE CHANGES (AS SHOWN BELOW) WITHIN COORDINATION PLAN PROGRAMMING.

TO RUN ALT. PHASING DURING FREE RUN - PROGRAM PAGE CHANGES (SHOWN BELOW) IN SEPARATE TIME OF DAY EVENTS. IF PAGE 1 IS USED, NO EVENT PROGRAMMING IS NECESSARY FOR THAT PARTICULAR PAGE.

## PHASING

ACTIVE PAGES REQUIRED TO RUN DEFAULT PHAS ACTIVE PAGES REQUIRED TO RUN ALTERNATE PH

NOTE: PAGES NOT SHOWN (i.e. sequence, phase control, etc.) SHOULD REMAIN AS '1', OR AS DEFINED BY TIMING ENGINEER.

IMPORTANT: IF ALT. PHASING IS USED DURING FREE RUN AND COORDINATION, DO NOT OPERATE TIME OF DAY PAGE CHANGE EVENTS CONCURRENTLY WITH COORDINATION PLAN EVENTS IN THE EVENT SCHEDULER. (EX. FREE RUN PAGE CHANGE EVENT SHOULD END BEFORE COORDINATION PLAN EVENT STARTS AND VICE-VERSA).

## ALTERNATE PHASING PAGE CHANGE SUMMARY

THE FOLLOWING IS A SUMMARY OF WHAT TAKES PLACE WHEN THESE OVERLAP/INPUT PAGE CHANGES ACTIVATE TO CALL THE "ALTERNATE PHASING":

| OVERLAPS PAGE 2: | Modifies over<br>for heads 11<br>turns only.     |
|------------------|--|
| INPUTS PAGE 2:   | Disables phase<br>and reduces de<br>call on loop |
|                  | Disables phas<br>and reduces d<br>call on loop   |

|                | INPUTS PAGE | OVERLAPS PAGE |
|----------------|-------------|---------------|
| <u>S I N</u> G | 1           | 1             |
| <u>HASING</u>  | 2           | 2             |
|                |             |               |

rlap parent phases and 51 to run protected

se 6 call on loop 1A delay time for phase 1 1A to 3 seconds.

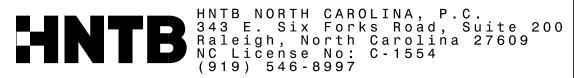
se 2 call on loop 5A delay time for phase 5 5A to 3 seconds.

IN ORDER TO ENSURE 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.

Tem ELECTR



| PROJECT REFERENCE NO. | SHEET NO. |
|-----------------------|-----------|
| U-4902D               | Sig. 11.5 |

## FLASHER CIRCUIT MODIFICATION DETAIL

THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 03-1027T2 DESIGNED: February 2018 SEALED: 8-1-18 REVISED: N/A

Electrical Detail - Sheet 5 of 5

| Signal Upgrade                             |                               |   |  |  |  |
|--|-------------------------------|---|--|--|--|
|  |                               | DOCUMENT NO                             | DOCUMENT NOT CONSIDERED FINAL            |  |  |
| Temporary Design 2                         |                               |   | UNLESS ALL SIGNATURES COMPLETED          |  |  |
| ELECTRICAL AND PROGRAMMING<br>DETAILS FOR: | US 17 (Market                 | Street) at                              | SEAL                                     |  |  |
| Prepared for:                              | SR 2734 (Marsh                | Oaks Drive)/                            | OR DEESSION 1                            |  |  |
| Mobility and S                             | SR 2290 (Mendenhall Drive)    |   |  |  |  |
|  | Division 03 New Hanov         | er Co. Wilmingtor                       | 2 031464                                 |  |  |
|  | PLAN DATE: February 2018 R    | eviewed By: A.D. Klinksiek              | ACINEER S                                |  |  |
|  | PREPARED BY: A.H. Thornburg R | eviewed by: N.R. Simmons                | SA4 R. SIMMerer                          |  |  |
| Signal Angentont                           | REVISIONS                     | INIT. DATE                              | DocuSigned by:                           |  |  |
| The Manuf                                  |                               |   | · Natasha R. Simmons <sup>8/1/2018</sup> |  |  |
| 750 N.Greenfield Pkwy.Garner, NC 27529     |                               | ••••••••••••••••••••••••••••••••••••••• |  |  |  |
|  |                               | ••••••••••••••••••••••••••••••••••••••• | - SIG. INVENTORY NO. 03-1027 T2          |  |  |