

## ALTERNATE PHASING ACTIVATION DETAIL

TO RUN ALT. PHASING DURING COORDINATION - 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.

| <u>PHASING</u>  | <u>INPUTS PAGE</u> | <u>OVERLAPS PAGE</u> |
|---|--------------------|----------------------|
| ACTIVE PAGES REQUIRED TO RUN <u>DEFAULT PHASING</u>   | 1                  | 1                    |
| ACTIVE PAGES REQUIRED TO RUN <u>ALTERNATE PHASING</u> | 2                  | 2                    |

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 overlap parent phases for head 51 to run protected turns only.

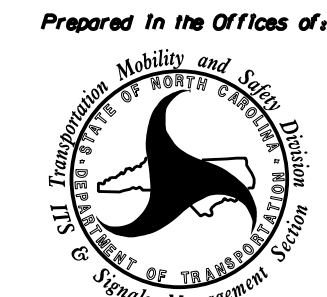
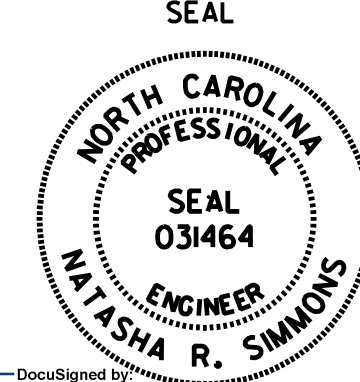

INPUTS PAGE 2: Disables phase 2 call on loop 5A and reduces delay time for phase 5 call on loop 5A to 0 seconds.

THIS ELECTRICAL DETAIL IS FOR  
 THE SIGNAL DESIGN: 03-0840T3  
 DESIGNED: May 2022  
 SEALED: 5/17/2024  
 REVISED:

Signal Upgrade-  
 Electrical Detail - Sheet 4 of 4  
 (Construction Phase 3)

**DOCUMENT NOT CONSIDERED FINAL  
 UNLESS ALL SIGNATURES COMPLETED**

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| ELECTRICAL AND PROGRAMMING<br>DETAILS FOR:<br><br>Prepared in the Offices of:<br><br>750 N. Greenfield Pkwy, Garner, NC 27529 | SR 2048 (Gordon Rd)<br>at<br>SR 2117 (Harris Rd)<br><br>Division 3    New Hanover County    Wilmington       | SEAL<br><br>SEAL<br>031464<br>ENGINEER<br>NATASHA R. SIMMONS                      |
|  | PLAN DATE: August 2023    REVIEWED BY: N.K. Vlanich<br>PREPARED BY: E.E. Tiller    REVIEWED BY: N.R. Simmons |  |
|  | REVISIONS    INIT.    DATE   |  |
|  |  | DocuSigned by:<br> 5/17/2024<br>SIGNATURE    DATE<br>SIG. INVENTORY NO. 03-0840T3 |