

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>NORMAL 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).

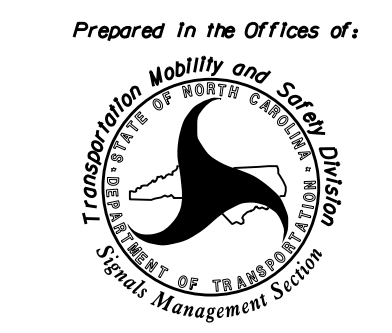
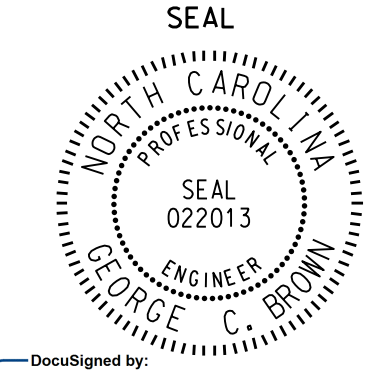
ALTERNATE PHASING PAGE CHANGE SUMMARY

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 11 to run protected turns only.
- INPUTS PAGE 2: Disables phase 6 call on loop 1A and modifies delay time.

Electrical Detail - Sheet 4 of 4

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| <p style="text-align: center;">THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 03-0676 DESIGNED: July 2015 SEALED: 7/22/2015 REVISED: N/A</p> | <p><small>ELECTRICAL AND PROGRAMMING DETAILS FOR:</small></p>  <p><small>750 N. Greenfield Pkwy, Garner, NC 27529</small></p> | <p style="text-align: center;">US 421 (Carolina Beach Road) at SR 1276 (Cathay Road)</p> <p style="font-size: small;">Division 3 New Hanover County S. of Wilmington</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; font-size: x-small;">PLAN DATE: July 2015</td> <td style="width: 50%; font-size: x-small;">REVIEWED BY: T. Joyce</td> </tr> <tr> <td style="font-size: x-small;">PREPARED BY: C. Strickland</td> <td style="font-size: x-small;">REVIEWED BY:</td> </tr> </table> | PLAN DATE: July 2015 | REVIEWED BY: T. Joyce | PREPARED BY: C. Strickland | REVIEWED BY: | <p>SEAL</p>  <p style="font-size: x-small;">DocuSigned by: <i>George C. Brown</i> 7/23/2015</p> <p style="font-size: x-small;">SIG. INVENTORY NO. 03-0676</p> |
| PLAN DATE: July 2015 | REVIEWED BY: T. Joyce | | | | | | |
| PREPARED BY: C. Strickland | REVIEWED BY: | | | | | | |