

## 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 heads 11 and 51 to run protected turns only.

**INPUTS PAGE 2:** Disables phase 6 call on loop 1A and reduces delay time for phase 1 call on loop 1A to 0 seconds.




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: 03-0369  
 DESIGNED: February 2018  
 SEALED: 11/04/2020  
 REVISED: N/A

Electrical Detail - Sheet 6 of 9  
 Signal Upgrade  
 Final Design

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

**HNTB** HNTB NORTH CAROLINA, P.C.  
 343 E. Six Forks Road, Suite 200  
 Raleigh, North Carolina 27609  
 NC License No: C-1554  
 (919) 546-8997

ELECTRICAL AND PROGRAMMING DETAILS FOR:	US 17 (Market Street) at SR 1363 (Bayshore Drive)/ SR 2717 (Torchwood Boulevard)	SEAL 
	Division 03    New Hanover Co.    Wilmington PLAN DATE: February 2018    REVIEWED BY: A.D. Klinksiek PREPARED BY: A.H. Thornburg    REVIEWED BY: N.R. Simmons	DocuSigned by: 
750 N. Greenfield Pkwy, Corner, NC 27529	REVISIONS    INIT.    DATE ✓ Removed phase 3, 4-section LT FYA. Added phase 3 protected dual left and phase 6 3-section RT FYA. Corrected loop 1A/5A delay to 10 sec.	DATE: 11/4/2020 SIGNATURE: Natasha R. Simmons SIG. INVENTORY NO. 03-0369