

ALTERNATE PHASING ACTIVATION DETAIL

TO RUN ALT. PHASING DURING FREE RUN - PROGRAM CHANGES (SHOWN BELOW) IN A TIME BASED ACTION PLAN.
 SCHEDULE A DAY PLAN THAT INCLUDES THE ACTION PLAN PROGRAMMED
 TO SELECT VEH DET PLAN 2 OR 3 AND ENABLE ITS ASSOCIATED SF BITS.

TO RUN ALT. PHASING DURING COORDINATION - SELECT THE TIME BASED ACTION PLAN PROGRAMMED TO SELECT
 VEH DET PLAN 2 OR 3 AND ENABLE ITS ASSOCIATED SF BITS.

<u>PHASING</u>	<u>VEH DET PLAN</u>	<u>SF BITS ENABLED</u>
ACTIONS REQUIRED TO RUN DEFAULT PHASING	1	NONE
ACTIONS REQUIRED TO RUN ALTERNATE PHASING 1	2	1,5
ACTIONS REQUIRED TO RUN ALTERNATE PHASING 2	3	1,3,5,7

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

ALTERNATE PHASING CHANGE SUMMARY

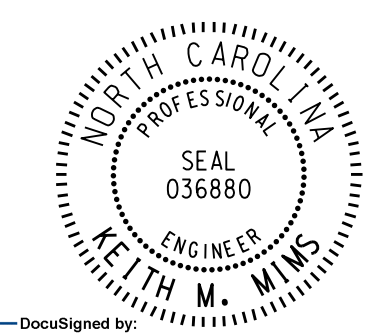
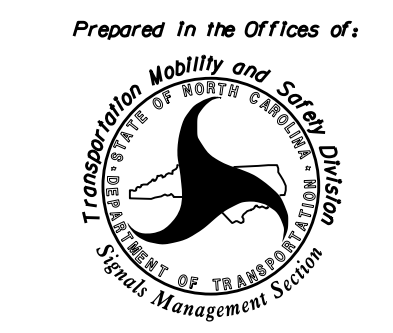
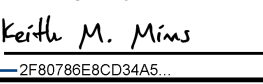
THE FOLLOWING IS A SUMMARY OF WHAT TAKES PLACE WHEN SF BITS 1,3,5,7 AND VEH DET PLANS 2 AND 3 ACTIVATE TO RUN ALTERNATE PHASINGS 1 & 2:

- SF BITS 1,5:** Modifies overlap parent phases for heads 11 and 51 to run protected turns only.
- VEH DET PLAN 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.
- SF BITS 3,7:** Modifies overlap parent phases for heads 31 and 71 to run protected turns only.
- VEH DET PLAN 3:** Does everything that VEH DET PLAN 2 does, plus the following:
- Disables phase 8 call on loop 3A and reduces delay time for phase 3 call on loop 3A to 0 seconds.
- Disables phase 4 call on loop 7A and reduces delay time for phase 7 call on loop 7A to 0 seconds.

THIS ELECTRICAL DETAIL IS FOR
 THE SIGNAL DESIGN: 06-0014
 DESIGNED: April 2016
 SEALED: 9/27/2016
 REVISED: N/A

Electrical Detail - Sheet 5 of 6

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

ELECTRICAL AND PROGRAMMING DETAILS FOR:	SR 2299 (Russell Street) at SR 2311 (Gillespie Street)	SEAL 						
	Division 6 Cumberland County Fayetteville PLAN DATE: September 2016 REVIEWED BY: BAS PREPARED BY: S. Armstrong REVIEWED BY:	DocuSigned by:  10/13/2016 DATE						
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REVISIONS	INIT.	DATE						

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