PROJECT REFERENCE NO.	SHEET NO
U - 6018	Sig-5.4

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 AND ENABLE SF BIT 1.

TO RUN ALT. PHASING DURING COORDINATION - SELECT THE TIME BASED ACTION PLAN THAT IS PROGRAMMED TO SELECT VEH DET PLAN 2 AND ENABLE SF BIT 1.

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

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 BIT 1 AND VEH DET PLAN 2 ACTIVATE TO CALL THE "ALTERNATE PHASING":

SF BIT 1:

Modifies overlap parent phases for head 11 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.

> THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 07-2090 DESIGNED: Mar 2025 SEALED: 3/17/2025

REVISED: N/A

Electrical Detail - Sheet 4 of 4 Final Design

ELECTRICAL AND PROGRAMMING

NC 62 (Liberty Road)

I-85 Southbound Ramps Guilford County Division 7 PLAN DATE: March 2025

Archdale REVIEWED BY: ZM Esposito RKA PROJ. NO.: 17380 (040) PREPARED BY: AW Poole REVISIONS INIT. DATE

SEAL 054 155 Jachary M. Esposito 3/17/2025 SIG. INVENTORY NO. 07-2090

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

