

### 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 BITS 1 AND 5.

TO RUN ALT. PHASING DURING COORDINATION - SELECT THE TIME BASED ACTION PLAN THAT IS PROGRAMMED TO SELECT VEH DET PLAN 2 AND ENABLE SF BITS 1 AND 5.

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

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).

### ECONOLITE ASC/3-2070 ACTION PLAN PROGRAMMING DETAIL

- From Main Menu select **5. TIME BASE**
- From TIME BASE Submenu select **2. ACTION PLAN**

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ACTION PLAN...[ *]
PATTERN.....AUTO  SYS OVERRIDE.... NO
TIMING PLAN..... 0  SEQUENCE..... 0
VEH DETECTOR PLAN.. 2  DET LOG.....NONE
FLASH..... --  RED REST..... NO
VEH DET DIAG PLN... 0  PED DET DIAG PLN..0
DIMMING ENABLE.. NO  PRIORITY RETURN. NO
PED PR RETURN.. NO  QUEUE DELAY..... NO
PMT COND DELAY  NO
  PHASE  1  2  3  4  5  6  7  8  9  0  1  2  3  4  5  6
PED RCL  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .
WALK 2  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .
VEX 2  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .
VEH RCL  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .
MAX RCL  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .
MAX 2  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .
  PHASE  1  2  3  4  5  6  7  8  9  0  1  2  3  4  5  6
MAX 3  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .
CS INH  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .
OMIT  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .
SPC FCT  X  .  .  .  X  .  .  .  (1-8)
AUX FCT  .  .  .  (1-3)
  1  2  3  4  5  6  7  8  9  0  1  2  3  4  5
LP 1-15  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .
LP 16-30 .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .
LP 31-45 .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .
LP 46-60 .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .
LP 61-75 .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .
LP 76-90 .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .
LP 91-100 .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .
    
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\* The Action Plan number(s) are to be determined by the Division and/or City Traffic Engineer.

### ECONOLITE ASC/3-2070 LOAD SWITCH ASSIGNMENT DETAIL

(program controller as shown)

To assign load switch S4 as OLG, program LD SWITCH 3 as OVLP '7' TYPE '0' as shown below.

- From Main Menu select **1. CONFIGURATION**
- From CONFIGURATION Submenu select **3. LOAD SW ASSIGN**

LD SWITCH ASSIGN	PHASE	DIMMING	---FLASH---
/OVLP	TYPE	R Y G D	PWR AUT TGR
1	1	V . . . +	A R X
2	2	V . . . +	A R .
3	7	O . . . +	A R X
4	4	V . . . +	A R .
5	5	V . . . -	A R .
6	6	V . . . -	A R X
7	7	V . . . -	A R .
8	8	V . . . -	A R X
9	2	P . . . +	A . .
10	4	P . . . +	A . .
11	6	P . . . -	A . .
12	8	P . . . -	A . .
13	1	O . . . +	A R X
14	2	O . . . -	A R X
15	3	O . . . +	A R .
16	4	O . . . -	A R .

NOTICE OVERLAP G ASSIGNED TO LD SWITCH 3

### ALTERNATE PHASING PAGE CHANGE SUMMARY


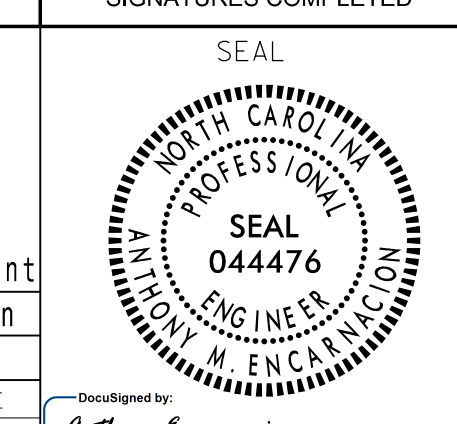
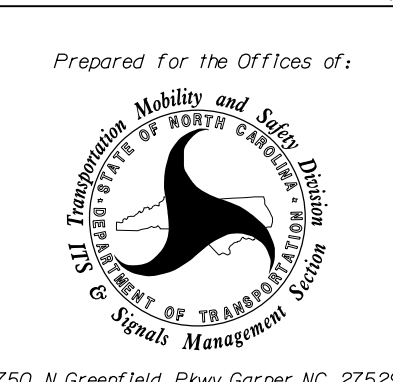
THE FOLLOWING IS A SUMMARY OF WHAT TAKES PLACE WHEN SF BITS 1 AND 5 AND VEH DET PLAN 2 ACTIVATE TO CALL THE "ALTERNATE PHASING":

- SF BITS 1,5:** 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.

13-MAR-2025 16:44 PW:///SUD0036343.wootr/ris-com:ATKMANCO1/Documents/Roads and Bridges/Projects/100059632\_USSR\_S19\_and ITS/Task 05-11\_Signals/071111\_sme\_e-2023mtda.dgn S1F4669 AT U0591089

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DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

 <p>1616 EAST MILLBROOK ROAD, SUITE 160 RALEIGH, NORTH CAROLINA 27609 (919) 876-6888 NCBEES #F-0326</p>	ELECTRICAL AND PROGRAMMING DETAILS FOR: SR 1850 (Sandy Ridge Road) at SR 1834 (Kendale Road)/ John Knox Drive Division 7 Guilford County High Point	 <p>ANTHONY M. ENCARNACION PROFESSIONAL ENGINEER SEAL 044476 NORTH CAROLINA</p>
	Prepared for the Offices of: 	

THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 07-1111  
DESIGNED: January 2025  
SEALED: 03-14-2025  
REVISED: N/A

Signature: Anthony Encarnacion, Date: 3/14/2025  
Sig. Inventory No.: 07-1111