

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, 3, 5 AND 7.

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, 3, 5 AND 7.

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	1,3,5,7

ALTERNATE PHASING CHANGE SUMMARY

THE FOLLOWING IS A SUMMARY OF WHAT TAKES PLACE WHEN
SF BITS 1, 3, 5 AND 7 AND VEH DET PLAN 2 ACTIVATE TO
CALL THE "ALTERNATE PHASING":

SF BITS 1,3,5,7	Modifies overlap parent phases for heads 11, 31, 51 and 71 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 3 seconds. Disables phase 8 call on loop 3A and reduces delay time for phase 3 call on loop 3A to 3 seconds. Disables phase 2 call on loop 5A and reduces delay time for phase 5 call on loop 5A to 3 seconds. Disables phase 4 call on loop 7A and reduces delay time for phase 7 call on loop 7A to 3 seconds.

ECONOLITE ASC/3-2070
LOAD SWITCH ASSIGNMENT DETAIL

(program controller as shown)

All channels must be programmed to flash red in
controller for red-red flash operation as shown below.
Notice "AUT" for all channels is programmed for RED.

1. From Main Menu select 1. CONFIGURATION
2. 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	3	V	.	.	.	+	A	R	X
4	4	V	.	.	.	+	A	R	.
5	7	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	.

ECONOLITE ASC/3-2070 ACTION PLAN

PROGRAMMING DETAIL

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

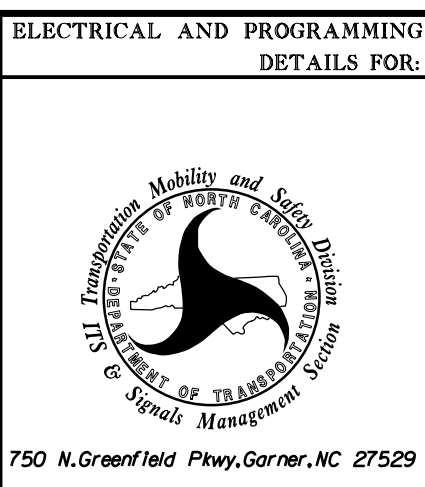
ACTION PLAN...[*]	
PATTERN.....AUTO	SYS OVERRIDE.... NO
TIMING PLAN..... 0	SEQUENCE..... 0
VEH DETECTOR PLAN.. 2	DET LOG.....NONE
FLASH..... --	RED REST..... NO
VEH DET DIAG PLN... 0	PED DET DIAG PLN..0
DIMMING ENABLE.. NO	PRIORITY RETURN. NO
PED PR RETURN.. NO	QUEUE DELAY.... NO
PMT COND DELAY NO	
PHASE 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 . 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	

* The Action Plan number(s) are to be determined by
the Division and/or City Traffic Engineer.

THIS PLAN SUPERSEDES THE PLAN
SIGNED AND SEALED ON 11-14-2023

THIS ELECTRICAL DETAIL IS FOR
THE SIGNAL DESIGN: 05-0882
DESIGNED: Mar 2025
SEALED: 3/21/2025
REVISED: N/A

Electrical Detail - Sheet 4 of 5



ELECTRICAL AND PROGRAMMING DETAILS FOR:		SR 1390 (Optimist Farm Road) at SR 1386 (Bells Lake Road)	
Division 5		Wake County	Cary
PLAN DATE:	March 2025	REVIEWED BY:	ZM Esposito
PREPARED BY:	AW Poole	DRMP PROJ. NO.:	22242 (040)
REVISIONS		INIT.	DATE

DOCUMENT NOT CONSIDERED
FINAL UNLESS ALL
SIGNATURES COMPLETED



Signed by: *Zachary M. Esposito*
DATE: 3/21/2025
SIG. INVENTORY NO. 05-0882