PROJECT REFERENCE NO.	SHEET NO.
U-4758	Sig. 7.4

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 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 DEFAULT PHASING	1	NONE
ACTIONS REQUIRED TO RUN ALTERNATE PHASING	2	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 PAGE 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.

INPUTS PAGE 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 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 ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 07-0935
DESIGNED: January 2025
SEALED: 03-14-2025
REVISED: N/A

Electrical Detail - Sheet 4 of 5
Final Design

AtkinsRéalis
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(919) 876-6888 NCBEES #F-0326

ELECTRICAL AND PROGRAMMING DETAILS FOR:

Prepared for the Offices of:
Transportation Mobility and Safety Division — ITS & Signals Management Section — State of North Carolina Department of Transportation
750 N.Greenfield Pkwy,Garner,NC 27529

SR 1820 (Skeet Club Road)
at
SR 1818 (Johnson Street)

Division 7 Guilford County High Point

PLAN DATE:	January 2025	REVIEWED BY:	AM Encarnacion
PREPARED BY:	JT Stiff	REVIEWED BY:	PL Alexander

REVISIONS	INIT.	DATE

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

SEAL
NORTH CAROLINA PROFESSIONAL SEAL 044476 ENGINEER ANTHONY M. ENCARNACION

DocuSigned by: Anthony Encarnacion
D8EC537F823940F...
SIGNATURE — DATE 3/14/2025

SIG. INVENTORY NO. 07-0935

13-MAR-2025 15:14
pw://SUSD036343.wsatkins.com:ATKNANC01/Documents/Roads and Bridges/Projects/100059632 JSSR Sig and ITS/Task 05_11_Signals/070935_sm_ele_2022mmdd.dgn
STIF4685 AT LUS491089