

ECONOLITE ASC/3-2070 STARTUP AND
SOFTWARE FLASH PROGRAMMING DETAIL

(program controller as shown)

1. From Main Menu select
2. CONTROLLER
2. From CONTROLLER Submenu select
5. START/FLASH

START/FLASH DATA

-----START UP-----

1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6

PHASE R R

A B C D E F G H I J K L M N O P

OVERLAP X X X X X X X X X X X X X X X X

FLASH>MON. NO FL TIME.. 0 ALL RED... 6

PWR START SEQ.. 1 MUTCD> YES Y- G: NO

Scroll down on this screen and set "Exit Fl" to Green "G"

ASC/3 FLASH SENSE INPUT CONTROL
FOR RED-RED FLASH

*The NCDOT default database is programmed to addresss Yellow-Red flash.
Logic Statement 100 must be modified as shown when running Red-Red flash.

1. From Main Menu select
1. CONFIGURATION
2. From CONFIGURATION Submenu select
8. LOGIC PROCESSOR
3. From LOGIC PROCESSOR Submenu select
2. LOGIC STATEMENTS

Change the "LP" to 100 and move the cursor down. Delete the two "CTR-SET" statements by moving the cursor over them and hitting the "C" key, then hit "ENTER", select "LP SET CIB ON", hit "ENT", and then set the number to 427.

LP#:100 COPY FROM:100 ACTIVE: M FALSE

IF LP CIB CODE ON 331 F

THEN LP DELAY FOR 1.0 SECONDS

LP SET CIB ON 427

ELSE

THIS STATEMENT IS USED
TO CONTROL THE FLASH
SENSE INPUT WHEN RUNNING
RED-RED FLASH OPERATION.

Hit "ESC", then 1 for "LOGIC STATEMENT CONTROL",
next verify that LP#100 is ENABLED.

END PROGRAMMING

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 (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 Traffic Engineer.

THIS ELECTRICAL DETAIL IS FOR
THE SIGNAL DESIGN: 07-2100T2
DESIGNED: March 2025
SEALED: 3/17/2025
REVISED: N/A

Electrical Detail - Sheet 3 of 4
Temporary Design 2 (TMP Phase 2,
Step B and TMP Phase III)



NC 62 (Liberty Road)

at

SR 1162 (Weant Road) /

SR 4066 (Modlin Grove Road)

Division 7 Guilford County Archdale

PLAN DATE: March 2025 REVIEWED BY: ZM Esposito

PREPARED BY: AW Poole RKA PROJ. NO.: 17380 (040)

REVISIONS INIT. DATE

750 N. Greenfield Pkwy, Garner, NC 27529

DOCUMENT NOT CONSIDERED
FINAL UNLESS ALL
SIGNATURES COMPLETED

SEAL

SEAL
054155

ENGINEER
JACQUARY M. ESPOSITO

Signed by: *Jacquary M. Esposito* 3/17/2025

DATE

SIG. INVENTORY NO. 07-2100T2