

ECONOLITE ASC/3-2070 LOAD SWITCH ASSIGNMENT DETAIL

(program controller as shown)

To assign load switch 1 as OLG, program LD SWITCH 1 as OVLP '7' TYPE '0' as shown below.

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	7	O	.	.	+	A	R	X	
2	2	V	.	.	+	A	R	.	
3	3	V	.	.	+	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	.	

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 G G									
OVERLAP A B C D E F G H I J K L M N O P									
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 F1" to Green "G"

ECONOLITE ASC/3-2070 OVERLAP PROGRAMMING DETAIL

(program controller as shown)

1. From Main Menu select 2. CONTROLLER
2. From CONTROLLER Submenu select 2. VEHICLE OVERLAPS

OVERLAP G
Select TMG VEH OVLP [G] and 'NORMAL'
TMG VEH OVLP...[G] TYPE: **NORMAL**
PHASES 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6
INCLUDED . . . X
LAG GRN 0.0 YEL 0.0 RED 0.0

Toggle Until Overlap A Is Reached

OVERLAP A
Select TMG VEH OVLP [A] and 'PPLT FYA'
TMG VEH OVLP...[A] TYPE: **PPLT FYA**
PROTECTED LEFT TURN.... OVERLAP G
OPPOSING THROUGH..... PHASE 6
FLASHING ARROW OUTPUT.....CH13 ISOLATE
DELAY START OF: FYA..0.0 CLEARANCE..0.0
ACTION PLAN SF BIT DISABLE..... 0

Toggle Twice

OVERLAP C
Select TMG VEH OVLP [C] and 'PPLT FYA'
TMG VEH OVLP...[C] TYPE: **PPLT FYA**
PROTECTED LEFT TURN.... PHASE 5
OPPOSING THROUGH..... PHASE 6
FLASHING ARROW OUTPUT.....CH15 ISOLATE
DELAY START OF: FYA..0.0 CLEARANCE..0.0
ACTION PLAN SF BIT DISABLE..... 5

Toggle Once

OVERLAP D
Select TMG VEH OVLP [D] and 'NORMAL'
TMG VEH OVLP...[D] TYPE: **NORMAL**
PHASES 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6
INCLUDED . . . X X
LAG GRN 0.0 YEL 0.0 RED 0.0

END PROGRAMMING

NOTICE ACTION PLAN
SF BIT "5"

END PROGRAMMING

ECONOLITE ASC/3-2070 SPECIAL MMU PROGRAMMING

(program controller as shown)

1. From Main Menu select 1. CONFIGURATION
2. From CONFIGURATION Submenu select 4. PORT 1 (SDLC)
3. From PORT 1 (SDLC) Submenu select 2. MMU PROGRAM

CAUTION!

Set intersection to Flash before attempting to enter or change any MMU programming data.

This programming and that of the MMU programming card must match exactly. If they do not, the intersection will be placed into Flash.

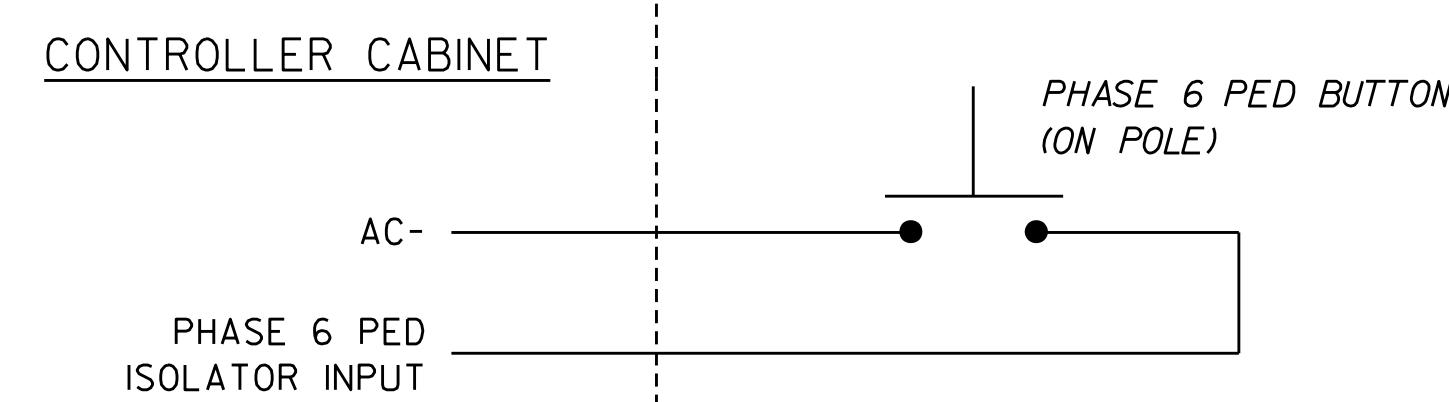
MMU PROGRAM [MANUAL]
CH 6 5 4 3 2 1 0 9 8 7 6 5 4 3 2
1 X . . X
2 X X . X . X
3 .
4 X . . X
5 X X .
6 . X . X . X
7 .
8 .
9 .
10 .
11 . X . X
12 .
13 X X .
14 .
15 X .

END PROGRAMMING

THIS ELECTRICAL DETAIL IS FOR
THE SIGNAL DESIGN: 05-1244
DESIGNED: October 2025
SEALED: 10/28/2025
REVISED: N/A

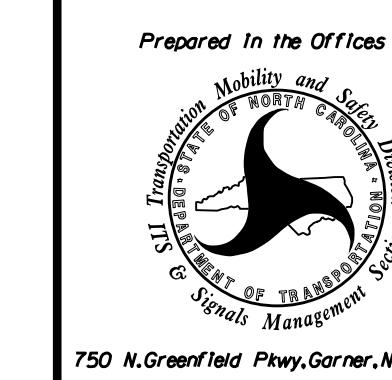
PEDESTRIAN PUSH BUTTON WIRING DETAIL

(wire push buttons as shown)



Electrical Detail - Sheet 2 of 4

ELECTRICAL AND PROGRAMMING DETAILS FOR:



SR 1637 (Church Street)
at
SR 3126 (Airport Boulevard)

Division 5 Wake County Morrisville

PLAN DATE: October 2025 REVIEWED BY:

PREPARED BY: S.Kirkpatrick REVIEWED BY:

REVISIONS INIT. DATE

DOCUMENT NOT CONSIDERED
FINAL UNLESS ALL
SIGNATURES COMPLETED



SEAL
031001

ENGINEER
TODD JOYCE

DocSig by: D. Todd Joyce 10/28/2025
APPROVED BY: DATE
SIG. INVENTORY NO. 05-1244