

ECONOLITE ASC/3-2070 PEDESTRIAN DETECTOR PHASE ASSIGNMENT PROGRAMMING DETAIL

(program controller as shown)

1. From Main Menu select 6. DETECTORS
2. From DETECTOR Submenu select 3. PED DETECTOR INPUT ASSIGNMENT
3. Press the TOGGLE key to select ECONOLITE MODE and press ENTER.

PED DET PHASE ASSIGNMENT MODE: ECONOLITEV																	
PHASE	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	
D	1	X	.	.	.	.	.	.	.	.	.	.	.	.	.	.
E	2	.	X	.	.	.	.	.	.	.	.	.	.	.	.	.
T	3	.	.	X	.	.	.	.	.	.	.	.	.	.	.	.
E	4	.	.	.	.	.	.	X	.	.	.	.	.	.	.	.
C	5	.	.	.	.	X	.	.	.	.	.	.	.	.	.	.
T	6	.	.	.	.	.	X	.	.	.	.	.	.	.	.	.
Q	7	.	.	.	.	.	.	X	.	.	.	.	.	.	.	.
R	8	.	.	.	.	.	.	.	X	.	.	.	.	.	.	.
	9	.	.	.	.	.	.	.	.	X	.	.	.	.	.	.
	10	.	.	.	.	.	.	.	.	.	X	.	.	.	.	.
	11	.	.	.	.	.	.	.	.	.	.	X	.	.	.	.
	12	.	.	.	.	.	.	.	.	.	.	.	X	.	.	.
	13	.	.	.	.	.	.	.	.	.	.	.	.	X	.	.
	14	.	.	.	.	.	.	.	.	.	.	.	.	.	X	.
	15	.	.	.	.	.	.	.	.	.	.	.	.	.	.	X
	16	X

"." = No assignment, disabled
 X = Assigns Pedestrian Push Button (PPB) to call the phase or phases
 2 = Call for Ped timing 2
 B = Allows for the PPB to call for Min Green 2 (BIKE GREEN)

ECONOLITE ASC/3-2070 LOAD SWITCH ASSIGNMENT DETAIL

(program controller as shown)

To assign load switch S14 as PED 7, program LD SWITCH 14 as PHASE '7' TYPE 'P'.

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

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

NOTICE PED 7
ASSIGNED TO LD SWITCH 14 →

THIS ELECTRICAL DETAIL IS FOR
 THE SIGNAL DESIGN: 05-1627
 DESIGNED: July 2022
 SEALED: 07/11/2022
 REVISED: N/A

Electrical Detail - Sheet 2 of 2

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED



ELECTRICAL AND PROGRAMMING
DETAILS FOR:

Prepared for the Offices of:

 DEPARTMENT OF TRANSPORTATION AND SAFETY
 Signal Management Section
 750 N. Greenfield Pkwy, Garner, NC 27529

NC 55 WB at NC 55 Business	
Division 5	Wake County
Fuquay-Varina	Fuquay-Varina
PLAN DATE: July 2022	REVIEWED BY: J.L. Lewis
PREPARED BY: M.L. Stygles	REVIEWED BY: J. Ma
REVISIONS	INIT. DATE

SEAL

NORTH CAROLINA
PROFESSIONAL
ENGINEER
MATTHEW L. STYGLES

SEAL
046057

DocuSigned by:

 MATTHEW L. STYGLES
 DATE: 7/11/2022
 SIG. INVENTORY NO. 05-1627