ECONOLITE ASC/3 SPECIAL MMU PROGRAMMING

(program controller as shown below)

FROM MAIN MENU SELECT 1 (CONFIGURATION)

CONFIGURATION SUBMENU

1. CONTROLLER SEQ   5. COMMUNICATIONS
2. PHASE IN USE/PED   6. ENABLE LOGGING
3. LOAD SW ASSIGN   7. DISPLAY/ACCESS
4. PORT 1 (SDLC)   8. LOGIC PROCESSOR

PRESS KEYS 1..8 TO SELECT

PORT 1 (SDLC) SUBMENU

1. SDLC OPTIONS
2. MMU PROGRAM
3. COLOR CHECK ENABLE
4. SECONDARY STATION/TESTS

PRESS KEYS 1..4 TO SELECT

MMU PROGRAM [MANUAL]

```
    CH  6 5 4 3 2 1 0 9 8 7 6 5 4 3 2
 1      . X . X . X . . . . X X . . .
 2      . X . X . X . X . . X X . . .
 3      X . X . X . . . X X . . .
 4      X . X . X . X . X X . .
 5      . X . X . . X . . .
 6      . X . X . X . X . .
 7      X . X . . . X . .
 8      X . X . X . X .
 9      . X . X . X .
10      X . X . X . .
11      . X . X .
12      X . X .
13      . X .
14      X .
```

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.

LOAD SWITCH ASSIGNMENT DETAIL

(program controller according to schedule in chart below)

LOAD SWITCH NUMBER	FUNCTION
1	Ø1
2	Ø2
3	Ø3
4	Ø4
5	Ø5
6	Ø6
7	Ø7
8	Ø8
9	Ø2 PED
10	Ø4 PED
11	Ø6 PED
12	Ø8 PED
13	OLA
14	OLB
15	OLC
16	OLD

Then ENTER

ECONOLITE ASC/3 OVERLAP PROGRAMMING DETAIL

(program controller as shown)

From Main Menu select 2 (CONTROLLER)

MAIN MENU

1. CONFIGURATION   6. DETECTORS
2. CONTROLLER   7. STATUS DISPLAY
3. COORDINATOR   8. UTILITIES
4. PREEMPTOR/TSP   9. DIAGNOSTICS
5. TIME BASE

PRESS KEYS 1..9 TO SELECT

From Controller Sub select 2 (VEHICLE OVERLAPS)

CONTROLLER SUBMENU

1. TIMING PLANS   5. START/FLASH
2. VEHICLE OVERLAPS   6. OPTION DATA
3. VEH/PED OVERLAPS   7. PRE-TIMED
4. GUAR MIN TIME   8. PHASE RECALL

PRESS KEYS 1..8 TO SELECT

OVERLAP A

Select Vehicle Overlap Type (PPLT FYA)

TMG VEH OVLP . . .[A]   TYPE: PPLT FYA

PROTECTED PHASE (LEFT TURN).........................1
PERMISSIVE PHASE (OPPOSING THRU)....................2
FLASHING ARROW OUTPUT...................CH13 ISOLATE

DELAY START OF: FYA.. 0.0 CLEARANCE........0.0
ACTION PLAN SF BIT DISABLE.....................0

OVERLAP C

Select Vehicle Overlap Type (PPLT FYA)

TMG VEH OVLP . . .[C]   TYPE: PPLT FYA

PROTECTED PHASE (LEFT TURN).........................5
PERMISSIVE PHASE (OPPOSING THRU)....................6
FLASHING ARROW OUTPUT...................CH15 ISOLATE

DELAY START OF: FYA.. 0.0 CLEARANCE........0.0
ACTION PLAN SF BIT DISABLE.....................0

OVERLAP B

Select Vehicle Overlap Type (PPLT FYA)

TMG VEH OVLP . . .[B]   TYPE: PPLT FYA

PROTECTED PHASE (LEFT TURN).........................3
PERMISSIVE PHASE (OPPOSING THRU)....................4
FLASHING ARROW OUTPUT...................CH14 ISOLATE

DELAY START OF: FYA.. 0.0 CLEARANCE........0.0
ACTION PLAN SF BIT DISABLE.....................0

OVERLAP D

Select Vehicle Overlap Type (PPLT FYA)

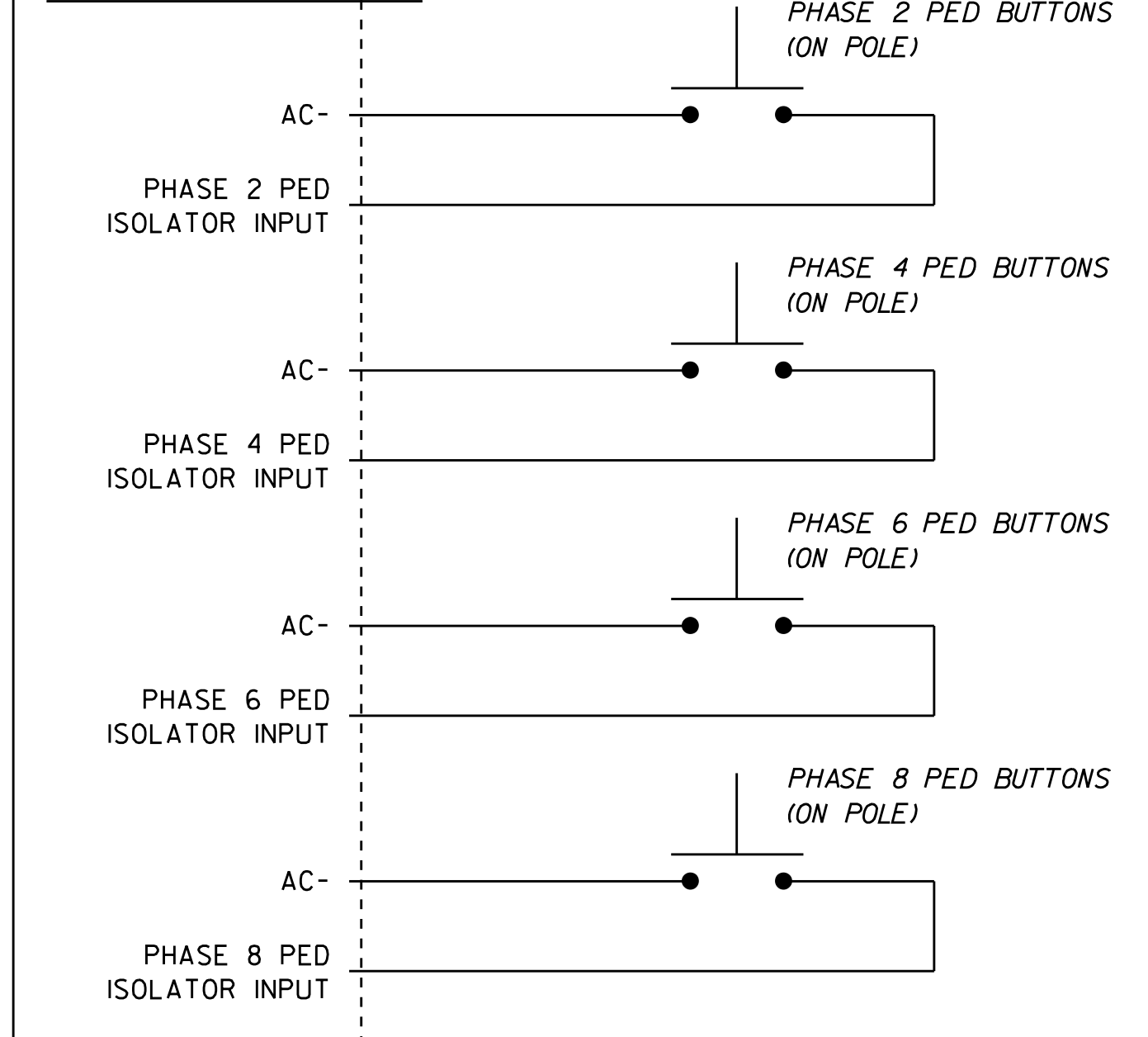TMG VEH OVLP . . .[D]   TYPE: PPLT FYA

PROTECTED PHASE (LEFT TURN).........................7
PERMISSIVE PHASE (OPPOSING THRU)....................8
FLASHING ARROW OUTPUT...................CH16 ISOLATE

DELAY START OF: FYA.. 0.0 CLEARANCE........0.0
ACTION PLAN SF BIT DISABLE.....................0

PEDESTRIAN PUSH-BUTTON WIRING DETAIL

(wire push-buttons as shown below)

CONTROLLER CABINET

PHASE 2 PED BUTTONS (ON POLE)
AC-
PHASE 2 PED ISOLATOR INPUT

PHASE 4 PED BUTTONS (ON POLE)
AC-
PHASE 4 PED ISOLATOR INPUT

PHASE 6 PED BUTTONS (ON POLE)
AC-
PHASE 6 PED ISOLATOR INPUT

PHASE 8 PED BUTTONS (ON POLE)
AC-
PHASE 8 PED ISOLATOR INPUT
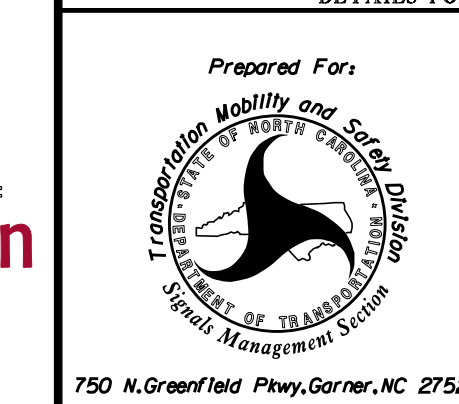
COUNTDOWN PEDESTRIAN SIGNAL OPERATION

Countdown Ped Signals are required to display timing only during
Ped Clearance Interval. Consult Ped Signal Module user's manual
for instructions on selecting this feature.

THIS ELECTRICAL DETAIL IS FOR
THE SIGNAL DESIGN: 02-0016
DESIGNED: JUNE 2014
SEALED: 9/2/2014
REVISED: N/A

FINAL DESIGN

SHEET 2 OF 2
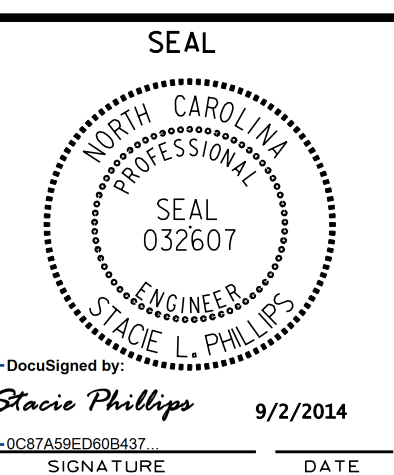
ELECTRICAL AND PROGRAMMING
DETAILS FOR:

Prepared For:

Transportation Mobility and Safety Division
DEPARTMENT OF TRANSPORTATION
Signal Management Section

750 N.Greenfield Pkwy,Garner,NC 27529

SR 1598 (10th STREET)
AT
SR 1702 (EVANS STREET)

DIVISION 2	PITT COUNTY	GREENVILLE
PLAN DATE: JUNE 2014	REVIEWED BY: SL PHILLIPS	
PREPARED BY: SP PENNINGTON	REVIEWED BY:	

SEAL

NORTH CAROLINA
PROFESSIONAL
SEAL
032607
ENGINEER
STACIE L. PHILLIPS

DocuSigned by:
Stacie Phillips
0C87A59E0908437...
SIGNATURE   DATE

9/2/2014

REVISIONS	INIT.	DATE

SIG. INVENTORY NO.   02-0016

K:\#AL_Roadway\011036175 (U-3315)\#Traffic Signals\#5.8 020016 Evans#5.8 020016-14082962.dgn

8/29/2014   10:57:03 AM susan.pennington