

PED DETECTOR PROGRAMMING DETAIL

(program controller as shown below)

1. From Main Menu select 3-PHASE DATA
2. From PHASE DATA Submenu select 7-DETECTOR DATA
3. From DETECTOR CONFIG Menu select 9-PED 1-8
4. From DETECTOR CONFIG DATA Menu select 4-PEDESTRIAN DET 4+

PED DET 4 PHASE 12345678 90123456
ASSIGNED PHASES...00010001 00000000
SWITCH PHASES.....00000000 00000000
MODE 1 CALL 1 EXT/10 0
VOLUME 0 PASS 0 DLY/10 0
OCCUPY 0 ADDED 0 FAIL 255
LOCK 0 QUEUE 0 QLIMIT 0

← NOTICE
ASSIGNED
PHASES
4 & 8!

PRESS 'ESC' TO RETURN TO DETECTOR CONFIG DATA

4. From DETECTOR CONFIG DATA Menu select 8-PEDESTRIAN DET 8+

PED DET 8 PHASE 12345678 90123456
ASSIGNED PHASES...00010001 00000000
SWITCH PHASES.....00000000 00000000
MODE 1 CALL 1 EXT/10 0
VOLUME 0 PASS 0 DLY/10 0
OCCUPY 0 ADDED 0 FAIL 255
LOCK 0 QUEUE 0 QLIMIT 0

← NOTICE
ASSIGNED
PHASES
4 & 8!

CONTROLLER PED DETECTOR ASSIGNMENT
PROGRAMMING COMPLETE

ADVANCE WALK PED PROGRAMMING DETAIL

(program controller as shown below)

1. From Main Menu select 3-PHASE DATA
2. From PHASE DATA Submenu select 3-PEDESTRIAN DATA
3. From PEDESTRIAN DATA Submenu select 3-PED OFFSET+

PHASE.....1...2...3...4...5...6...7...8
WOFF/10 0 70 0 60 0 50 0 70
MODE 0 0 0 0 0 0 0 0

CODES: * 0=ADVANCE 1=DELAY

ADVANCE WALK PED PROGRAMMING COMPLETE

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.

OVERLAP PROGRAMMING DETAIL

(program controller as shown below)

1. From Main Menu select 4-UNIT DATA
2. From UNIT DATA Submenu select 3-OVERLAP DATA

Use Up/Dn/Left/Right keys to position cursor on the desired Overlap.
Use the NEXT key to select the overlap type. Press the ENT key and then program as per the Overlap screen(s) shown.

OVERLAP DATA

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

PREV/NEXT TO CYCLE

OVERLAP B

Use Up/Dn/Left/Right keys to position cursor on Overlap 'B', use the NEXT key to select 'FYA', then press ENT

FYA OVERLAP - B MIN PERM: 1
PHASES..12345678 90123456
PROT PHASES: 10000000 00000000 DELAY/10
PERM PHASES: 00000001 00000000 FYA: 0
-PED PHASES: 00000000 00000000 -PED: 30
OVERLAPS..ABCDEFGH IJKLMNOP
PROT O-LAPS: 0x000000 00000000
PERM O-LAPS: 0x000000 00000000

← NOTICE FYA
DELAY/10 = 0

Press ESC

OVERLAP D

Use Up/Dn/Left/Right keys to position cursor on Overlap 'D', use the NEXT key to select 'FYA', then press ENT

FYA OVERLAP - D MIN PERM: 1
PHASES..12345678 90123456
PROT PHASES: 00001000 00000000 DELAY/10
PERM PHASES: 00010000 00000000 FYA: 0
-PED PHASES: 00000000 00000000 -PED: 30
OVERLAPS..ABCDEFGH IJKLMNOP
PROT O-LAPS: 000x0000 00000000
PERM O-LAPS: 000x0000 00000000

← NOTICE FYA
DELAY/10 = 0

Press ESC

OVERLAP G

Use Up/Dn/Left/Right keys to position cursor on Overlap 'G', use the NEXT key to select 'STD', then press ENT

OVERLAP - G 12345678 90123456
PARENTS: 10000000 00000000
+GRN PHASES: 00000000 00000000
-G/Y PHASES: 00000000 00000000
-PED PHASES: 00000000 00000000
TRAIL GREEN STANDARD: 0 YEL/10: 40
TRAIL GREEN PREEMPT: 0 RED/10: 20

Press ESC

OVERLAP H

Use Up/Dn/Left/Right keys to position cursor on Overlap 'H', use the NEXT key to select 'STD', then press ENT

OVERLAP - H 12345678 90123456
PARENTS: 00001000 00000000
+GRN PHASES: 00000000 00000000
-G/Y PHASES: 00000000 00000000
-PED PHASES: 00000000 00000000
TRAIL GREEN STANDARD: 0 YEL/10: 40
TRAIL GREEN PREEMPT: 0 RED/10: 20

OVERLAP PROGRAMMING COMPLETE

LOAD SWITCH MAPPING DETAIL

(program controller as shown below)

1. From Main Menu select 4-UNIT DATA
2. From UNIT DATA Submenu select 9-OUTPUT MAPPING

Use arrow keys to place cursor on 'LDSW 3'
then NEXT key to select 'OLG'

OUTPUT MAPPING EDIT MODE: LDSW
E-TOGGLE MODE
LDSW ..1.. ..2.. ..3.. ..4.. ..5.. ..6..
RED PH1 PH2 PD2 OLG PH4 PD4
YEL - - - - -
GRN - - - - -
FIO 1 2 3 4 5 6
PREV/NEXT TO CYCLE D-DISPLAY COMPAT

Use arrow keys to place cursor on 'LDSW 7'
then NEXT key to select 'OLH'

OUTPUT MAPPING EDIT MODE: LDSW
E-TOGGLE MODE
LDSW ..7.. ..8.. ..9.. ..10.. ..11.. ..12..
RED PH5 PH6 PD6 OLH PH8 PD8
YEL - - - - -
GRN - - - - -
FIO 7 8 9 10 11 12
PREV/NEXT TO CYCLE D-DISPLAY COMPAT

LOAD SWITCH MAPPING COMPLETE

THIS ELECTRICAL DETAIL IS FOR
THE SIGNAL DESIGN: 12-1218
DESIGNED: August 2026
SEALED: 08/12/2026
REVISED: N/A

Electrical Detail - Sheet 2 of 3

Electrical and Programming
Details For:

Prepared In the Offices of:

750 N. Greenfield Pkwy, Garner, NC 27529

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Division 12 Catawba County Hickory

PLAN DATE: August 2026 REVIEWED BY:

PREPARED BY: Tim Langston REVIEWED BY:

REVISIONS INIT. DATE

750 N. Greenfield Pkwy, Garner, NC 27529

DOCUMENT NOT CONSIDERED
FINAL UNLESS ALL
SIGNATURES COMPLETED

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ENGINEER
D. TODD JOYCE

DocuSigned by:
D. Todd Joyce 08/12/2026
400C45E0B0C43410 DATE

SIG. INVENTORY NO. 12-1218