TYPICAL TOMAR FIELD WIRE DETAIL

(input file, rear view)

Ch.3 Tomar Detector _ Cable (PRE-3)

Ch.4 Tomar Detector _ Cable

Blue/Bare

wrop bore wire with

insulating tope

Channel 1 (PRE-4)

-Channel 2 Input (Not Used)

CABINET

— Channel 3) Input (PRE-3)

— Channel 4 |nput (PRE-5)

CABINET

Ch.1 Tomar Detector — Cable (PRE-4)

Blue/Bare =

wrap bare wire with

U-5789 Sig. 3.2

EMERGENCY VEHICLE PREEMPTION PROGRAMMING DETAIL (program controller as shown below)

From Main Menu press 'A' (Preemption), then '1' (Standard Preemptions). Press 'NEXT' as needed

to advance to Preempt 3. PREEMPTION #3 SETTINGS (NEXT:1-10) INTERVAL/TIMING ; CLEAR/DWELL PHASES GRN YEL RED | 12345678910111213141516 255 0.0 0.0 ; X X 2 0 0.0 0.0 0 0.0 0.0 4 0 0.0 0.0 5 0 0.0 0.0 EXIT CALLS OPTIONS PRIORITY (Y/N TO SELECT)MED DELAY TIMER (0-255 SEC) MIN GREEN BEFORE PRE (O= DEFAULT)....1 PED CLEAR BEFORE PRE (0= DEFAULT)....0 YELLOW CLEAR BEFORE PRE (O= DEFAULT).0.0 RED CLEAR BEFORE PRE (O= DEFAULT)....O.O DWELL MIN TIMER (0-255 SEC)12 DWELL MAX TIMER (0=0FF.1-255MIN)0 DWELL HOLD-OVER TIMER (0-255)0 LATCH CALL?N LINK TO NEXT PREEMPT?N ENABLE BACKUP PROTECTION?N HOLD CLEAR 1 PHASES DURING DELAY? ... N FAST GREEN FLASH DWELL PHASES?N PED CLEARANCE THROUGH YELLOW?N INHIBIT OVERLAP GREEN EXTENSION?N SERVICE DURING SOFTWARE FLASH?N REST IN RED DURING DWELL INTERVAL? .. N FLASH DWELL INTERVAL?N ALLOW PEDS IN DWELL INTERVAL?N RE-TIME DWELL INTERVAL? OVERLAPS: | ABCDEFGHIJKLMNOP DWELL INT FLASH YELLOW OMIT OVERLAPS:

PREEMPTION #4 SETTINGS (NEXT:1-10) INTERVAL/TIMING ; CLEAR/DWELL PHASES GRN YEL RED | 12345678910111213141516 1 255 0.0 0.0 X X 2 0 0.0 0.0 0 0.0 0.0 4 0 0.0 0.0 5 0 0.0 0.0 EXIT CALLS **OPTIONS** PRIORITY (Y/N TO SELECT)MED DELAY TIMER (0-255 SEC) MIN GREEN BEFORE PRE (O= DEFAULT)....1 PED CLEAR BEFORE PRE (0= DEFAULT)....0 YELLOW CLEAR BEFORE PRE (0= DEFAULT).0.0 RED CLEAR BEFORE PRE (O= DEFAULT)....O.O DWELL MIN TIMER (0-255 SEC)12 DWELL MAX TIMER (O=OFF.1-255MIN)O DWELL HOLD-OVER TIMER (0-255)0 LATCH CALL?N LINK TO NEXT PREEMPT?N ENABLE BACKUP PROTECTION?N HOLD CLEAR 1 PHASES DURING DELAY? ...N FAST GREEN FLASH DWELL PHASES?N PED CLEARANCE THROUGH YELLOW?N INHIBIT OVERLAP GREEN EXTENSION?N SERVICE DURING SOFTWARE FLASH?N REST IN RED DURING DWELL INTERVAL? ...N FLASH DWELL INTERVAL?N ALLOW PEDS IN DWELL INTERVAL?N RE-TIME DWELL INTERVAL? OVERLAPS: ABCDEFGHIJKLMNOP DWELL INT FLASH YELLOW OMIT OVERLAPS:

PREEMPTION #5 SETTINGS (NEXT:1-10) INTERVAL/TIMING ; CLEAR/DWELL PHASES GRN YEL RED | 12345678910111213141516 1 255 0.0 0.0 ; X 2 0 0.0 0.0 0 0.0 0.0 4 0 0.0 0.0 0 0.0 0.0 EXIT CALLS OPTIONS PRIORITY (Y/N TO SELECT)MED DELAY TIMER (0-255 SEC) MIN GREEN BEFORE PRE (O= DEFAULT)....1 PED CLEAR BEFORE PRE (O= DEFAULT)....O YELLOW CLEAR BEFORE PRE (O= DEFAULT).0.0 RED CLEAR BEFORE PRE (0= DEFAULT)....O.O DWELL MAX TIMER (0=OFF.1-255MIN)0 DWELL HOLD-OVER TIMER (0-255)0 LATCH CALL?N LINK TO NEXT PREEMPT?N ENABLE BACKUP PROTECTION?N HOLD CLEAR 1 PHASES DURING DELAY? ...N FAST GREEN FLASH DWELL PHASES?N PED CLEARANCE THROUGH YELLOW?N INHIBIT OVERLAP GREEN EXTENSION?N SERVICE DURING SOFTWARE FLASH?N REST IN RED DURING DWELL INTERVAL? .. N FLASH DWELL INTERVAL?N ALLOW PEDS IN DWELL INTERVAL?N RE-TIME DWELL INTERVAL? OVERLAPS: ABCDEFGHIJKLMNOP DWELL INT FLASH YELLOW OMIT OVERLAPS: X

PRESS 'NEXT'

PRESS 'NEXT'

PROGRAMMING COMPLETE

PROGRAM EXTEND TIME ON GPS DETECTOR UNIT FOR 2.0 SEC.



THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: Ø3-Ø896T1 DESIGNED: May 2025 SEALED: 7/2/2025

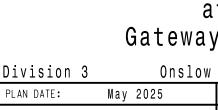
REVISED: N/A

Project #: 230907 Electrical Details

Temperary Design 1 Phase 1 - Sheet 2 of 2

ELECTRICAL AND PROGRAMMING

NC 53 (Western Boulevard) Gateway South



Onslow County Jacksonville REVIEWED BY: D. Bennett B. Dowell REVIEWED BY: REVISIONS INIT. DATE

020608 Donald Kirkunitett 11 7/2/2025

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL

SIGNATURES COMPLETED

SEAL

750 N.Greenfield Pkwy, Garner, NC 27529

PREPARED BY:

SIG. INVENTORY NO. 03-0896T1