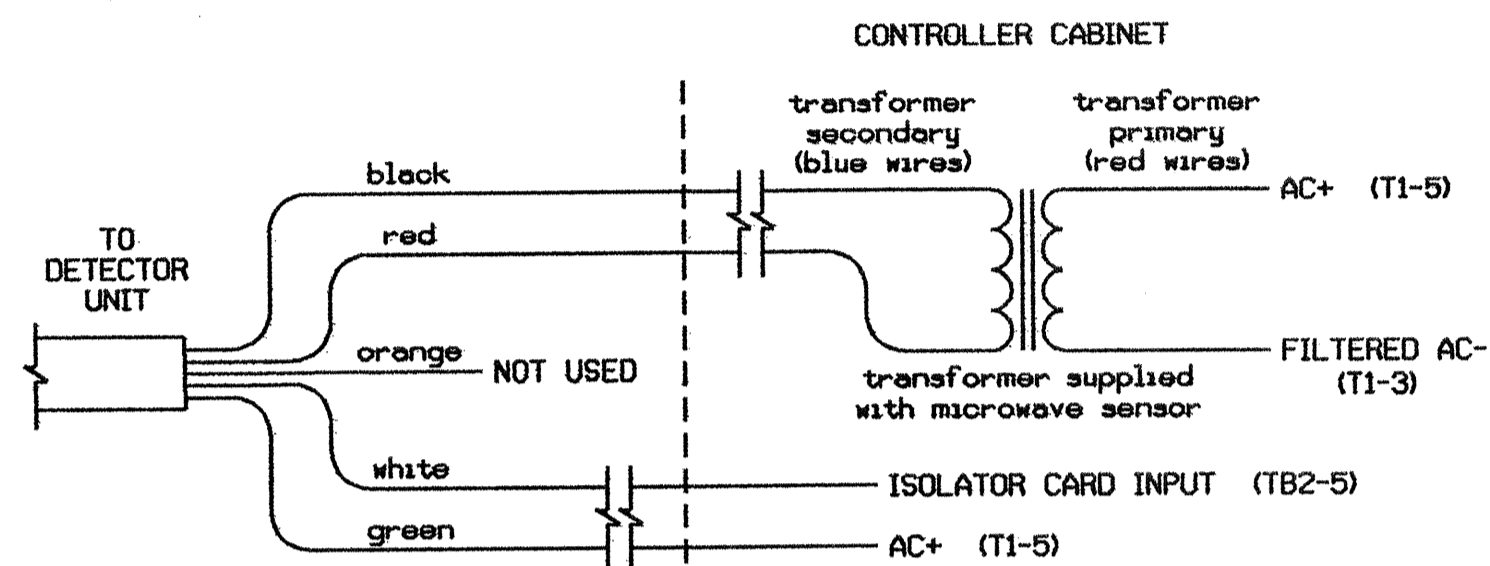


**MICROWAVE DETECTOR WIRING DETAIL**

(wire as shown)



TC26B WIRE LIST

COLOR	FUNCTION
black	12V to 24V AC/DC (no polarity)
red	12V to 24V AC/DC (no polarity)
orange	Output Relay Normally Open
white	Output Relay Normally Closed
green	Output Relay Normally Common

NOTES:

1. SENSOR IS A MICROWAVE SENSORS, INC. MODEL TC-26B MICROWAVE MOTION DETECTOR MOUNTED ON POLES AS INDICATED ON SIGNAL DESIGN PLANS.
2. CONFIGURE AC ISOLATOR CARD TO PLACE CALL UPON REMOVAL OF AC+ FROM THE INPUT.
3. IMPORTANT: FOR PROPER OPERATION OF THE MICROWAVE DETECTOR, REMOVE SURGE PROTECTION FROM TB2-5 AND TB2-6. TIE TB2-6 TO AC NEUTRAL.

**QUEUE PREEMPTION PROGRAMMING DETAIL**

(program controller as shown below)

FROM MAIN MENU PRESS 'A' (PREEMPTION), THEN '1' (STANDARD PREEMPTIONS). PRESS '+' UNTIL PREEMPTION #2 IS REACHED.

PREEMPTION #2	INTERVAL/TIMING	SETTINGS (NEXT:1-10)
1	255 0.0 0.0	12345678910111213141516
2	0 0.0 0.0	X
3	0 0.0 0.0	
4	0 0.0 0.0	
5	1 0.0 0.0	X X

EXIT CALLS	OPTIONS
PRIORITY (Y/N TO SELECT) .....	MED
DELAY TIMER (0-255 SEC) .....	0.0
MIN GREEN BEFORE PRE (0= DEFAULT)...	7
PED CLEAR BEFORE PRE (0= DEFAULT)...	0
YELLOW CLEAR BEFORE PRE (0= DEFAULT)...	4.7
RED CLEAR BEFORE PRE (0= DEFAULT)...	2.5
DWELL MIN TIMER (0-255 SEC) .....	45
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? .....	Y
REST IN RED DURING DWELL INTERVAL? ..	N
FLASH DWELL INTERVAL? .....	N
ALLOW PEDS IN DWELL INTERVAL? .....	N
RE-TIME DWELL INTERVAL? .....	N
OVERLAPS: .....	ABCDEFGHIJKLMNOP
DWELL INT FLASH YELLOW	
OMIT OVERLAPS:	

**VEHICLE DETECTOR #26 SETTINGS**

(program controller as shown below)

FROM MAIN MENU PRESS '7' (DETECTORS), THEN '1' (VEHICLE DETECTOR ASSIGNMENTS). PRESS '+' UNTIL DETECTOR #26 IS REACHED.

VEHICLE DETECTOR #26	SETTINGS (+,-,1-64)
SETTING:	(Y/N)
ENABLE DETECTOR.....	Y
ENABLE LOGGING.....	Y
ENABLE DIAGNOSTICS.....	Y
SPEED TRAP.....	N
CALL DETECTOR.....	N
EXTENSION DETECTOR.....	N
MODE 2 STOP BAR.....	N
SWITCHING DETECTOR.....	N
DUPLICATING DETECTOR.....	N
ENABLE FULL TIME DELAY.....	N
IF FAILED, SET MIN RECALL?.....	Y
IF FAILED, SET MAX1 RECALL?.....	N
IF FAILED, SET MAX2 RECALL?.....	N
PHASE#	12345678910111213141516
PHASES ASSIGNED :	
SWITCH/DUPLICATE:	
LOOP SIZE (0-255 FT).....	6
SPEED TRAP DISTANCE (0-255 FT).....	0
STOP BAR TIME (0-255 SEC).....	0
STRETCH (0-25.5 SEC).....	0.0
DELAY (0-255 SEC).....	0
MAX CALLS/MIN (0-255).....	255
MIN CALLS/DIAGNOSTIC PERIOD (0-255).....	0
MAX OCCUPANCY (0-100%).....	100
EXTENSION DISABLE TIME (0-255 SEC).....	0
QUEUE MAX OCCUPANCY TIME (0-255).....	5
QUEUE GAP RESET TIME (0-25.5).....	0.1
PREEMPTION INDEX FOR QUEUE (0-10)...	2

THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 09-0763 T3  
 DESIGNED: APRIL 2004  
 SEALED: 07-01-04  
 REVISED:

TEMPORARY SIGNAL 3 - SHEET 2 OF 2

	ELECTRICAL AND PROGRAMMING DETAILS FOR:		SEAL 
	SR 1101 (HARPER ROAD) AT I-40 WB EXIT RAMP A		
Prepared in the Office of: 	DIVISION 09 FORSYTH COUNTY CLEMMONS	PLAN DATE: JUNE 2004 REVIEWED BY: R. Hillman	PREPARED BY: JAMES PETERSON REVIEWED BY:
REVISIONS	INIT. DATE	SIGNATURE DATE	
SIG. INVENTORY NO. 09-0763 T3			GEORGE C. BROWN