EMERGENCY VEHICLE PREEMPTION PROGRAMMING DETAIL

(program controller as shown below)

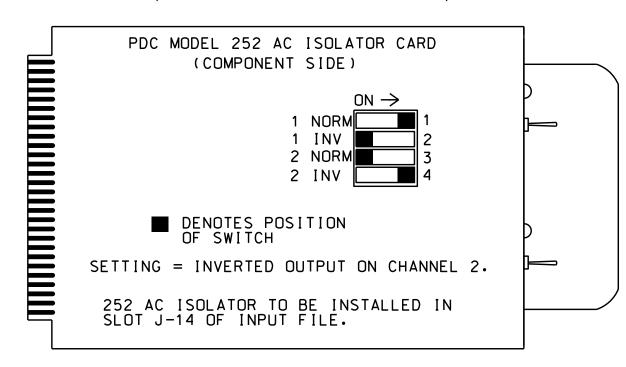
From Main Menu press 'A' (Preemption), then '1' (Standard Preemptions). Press 'NEXT' to advance to Preemption #2.

PREEMPTION #2 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 3 0 0.0 0.0 4 0 0.0 0.0 5 1 0.0 0.0 X
EXIT CALLS
OPTIONS
PRIORITY (Y/N TO SELECT)MED
DELAY TIMER (0-255 SEC)30*
MIN GREEN BEFORE PRE (O= DEFAULT)1
PED CLEAR BEFORE PRE (O= DEFAULT)O
YELLOW CLEAR BEFORE PRE (O= DEFAULT).4.5
RED CLEAR BEFORE PRE (O= DEFAULT)1.2
DWELL MIN TIMER (0-255 SEC)40*
DWELL MAX TIMER (0=OFF,1-255MIN)0
DWELL HOLD-OVER TIMER (0-255)0
LATCH CALL?Y
LINK TO NEXT PREEMPT?N
ENABLE BACKUP PROTECTION?
HOLD CLEAR 1 PHASES DURING DELAY?N
FAST GREEN FLASH DWELL PHASES?N
PED CLEARANCE THROUGH YELLOW?Y
INHIBIT OVERLAP GREEN EXTENSION?N
SERVICE DURING SOFTWARE FLASH?N
REST IN RED DURING DWELL INTERVAL?N
FLASH DWELL INTERVAL?
ALLOW PEDS IN DWELL INTERVAL?N
RE-TIME DWELL INTERVAL?
OVERLAPS: ABCDEFGHIJKLMNOP
- · · · · · · · · · · · · · · · ·
DWELL INT FLASH YELLOW
OMIT OVERLAPS:

* Delay and Dwell Min times may be field adjusted.

PREEMPT 2 AC ISOLATOR (MODEL 252) OUTPUT PROGRAMMING DETAIL

(set DIP switches as shown below)



NOTE: IF ANOTHER MANUFACTURER TYPE OF AC ISOLATOR IS USED. OUTPUT

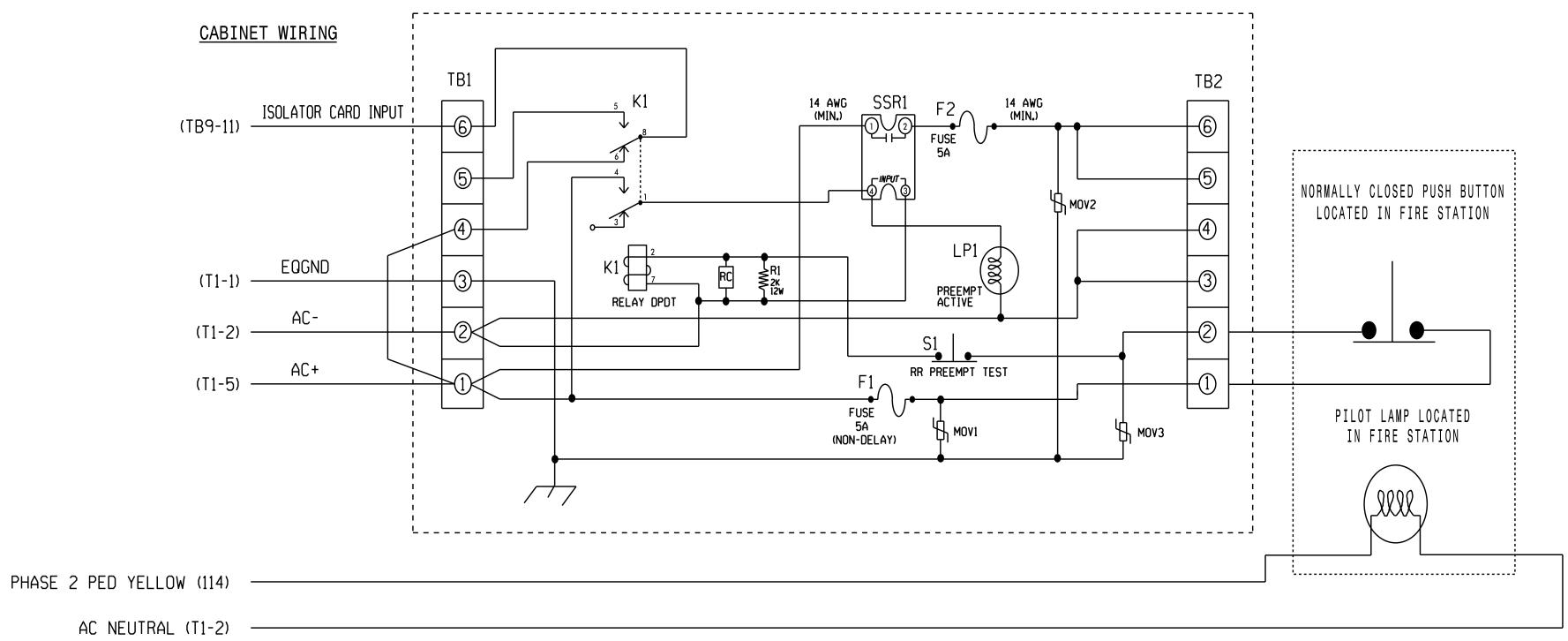
PROGRAMMING IS LIKELY NOT TO EQUATE TO THAT SHOWN ABOVE.

EV Preemption Control Box Wiring Detail

PROJECT REFERENCE NO. Sig. 96.2 U-4715B

(wire as shown below)

PREEMPTION AND BLANKOUT SIGN CONTROL BOX



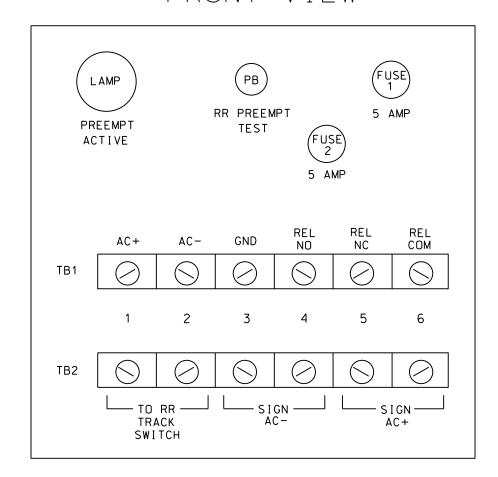
LAMP NOTES

- 1. Make sure load resistor is in place as shown in the Load Resistor Installation Detail on sheet 1.
- 2. Install a loadswitch in Output File Slot S3.

NOTES

- 1. Relay K1 is shown in the energized (Preempt <u>not</u> active) normal operation state.
- 2. Relay K1 is a DPDT with 120VAC coil with an octal base.
- 3. Relay SSR1 is a SPST (normally open) Solid State Relay with AC input and AC (25 amp) output.
- 4. AC Isolator Card shall activate preemption upon removal of AC+ from the input (as shown above). To accomplish this, set invert dip switch on AC Isolator Card.
- 5. IMPORTANT!! Terminal TB9-12 (on input panel) shall be connected to AC neutral (jumper may have to be added).

FRONT VIEW



THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 13-0437 DESIGNED: June 2016 SEALED: 8/10/2016 REVISED: N/A



750 N.Greenfield Pkwy, Garner, NC 27529

ivision 13 Buncombe County Asheville PLAN DATE: July 2016 REVIEWED BY: BAS PREPARED BY: S. Armstrong Reviewed BY: REVISIONS INIT. DATE

SIG. INVENTORY NO. 13-0437