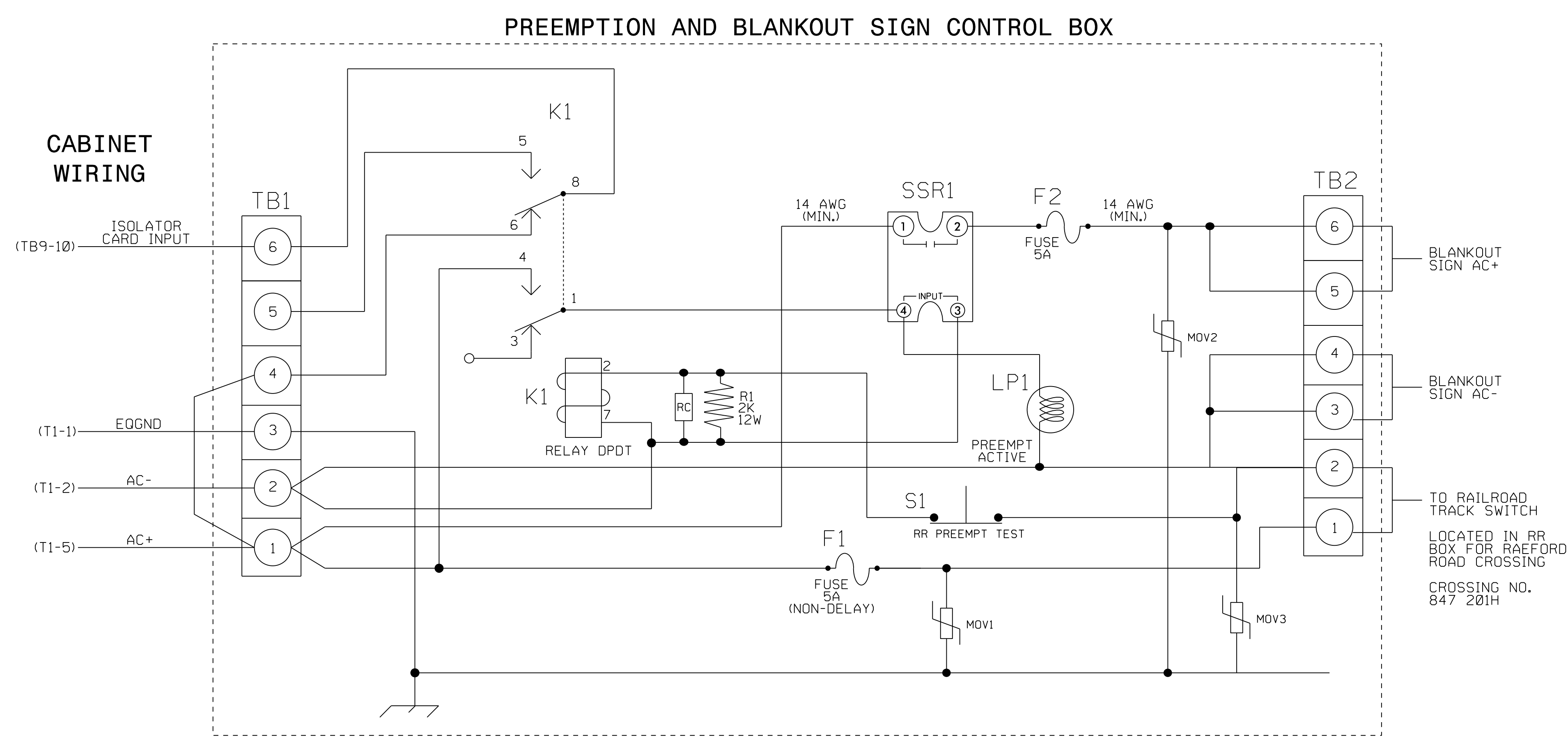


## RAILROAD PREEMPTION WIRING DETAIL FOR RR1 (LINKED RR PREEMPTS 1 & 2)

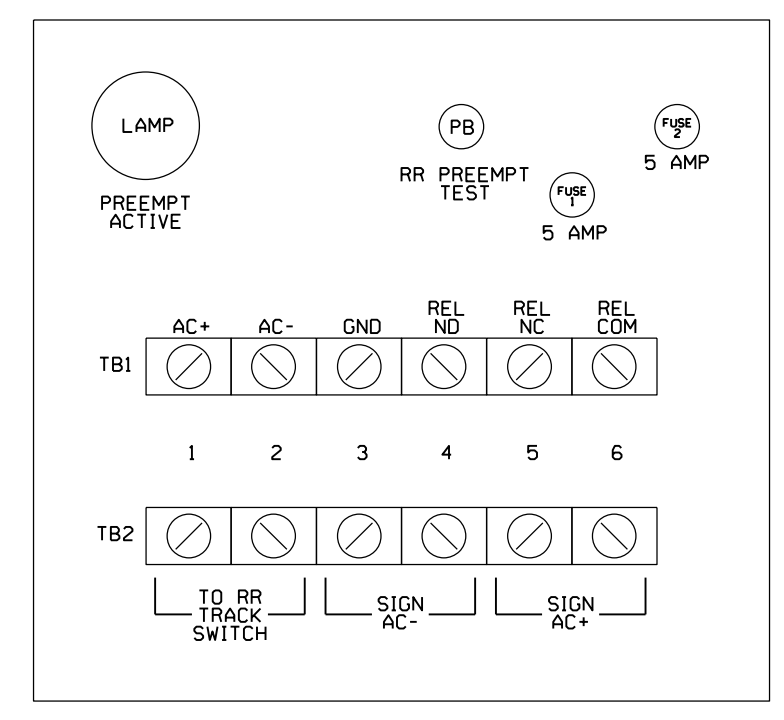
*(wire as shown below)*



### NOTES

1. Relay K1 is shown in the energized (Preempt not active) normal operation state.
2. Relay K1 is a DPDT with 120VAC coil with 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. See AC Isolator Output Programming Detail on Sheet 1.
5. IMPORTANT! A jumper must be added between input file terminals J4-E and J4-K if not already present. Also, terminal TB9-12 (on input panel) shall be connected to AC neutral (jumper may have to be added).

### FRONT VIEW



Temporary Design 3 - TMP Phase III  
Electrical Detail - Sheet 2 of 5

THIS ELECTRICAL DETAIL IS FOR  
THE SIGNAL DESIGN: 06-0054T3  
DESIGNED: March 2018  
SEALED: 03-29-2018  
REVISED: N/A

Stantec Consulting Services Inc.  
801 Jones Franklin Road-Suite 300  
Raleigh, NC 27606  
Tel. (919) 851-6866  
Fax. (919) 851-7024  
www.stantec.com  
License No. F-0672

ELECTRICAL AND PROGRAMMING  
DETAILS FOR:

Prepared in the Offices of:

750 N. Greenfield Pkwy, Garner, NC 27529

US 401 Business (Raeford Road)  
at  
McPherson Church Road/  
Owen Drive

Division 6 Cumberland County Fayetteville

PLAN DATE: March 2018 REVIEWED BY: L Overn

PREPARED BY: G B Spell REVIEWED BY:

REVISIONS	INIT.	DATE

DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED

SEAL

3/29/2018

SIG. INVENTORY NO. 06-0054T3

DATE: 03/29/2018 10:45:11 AM User: rfmancey