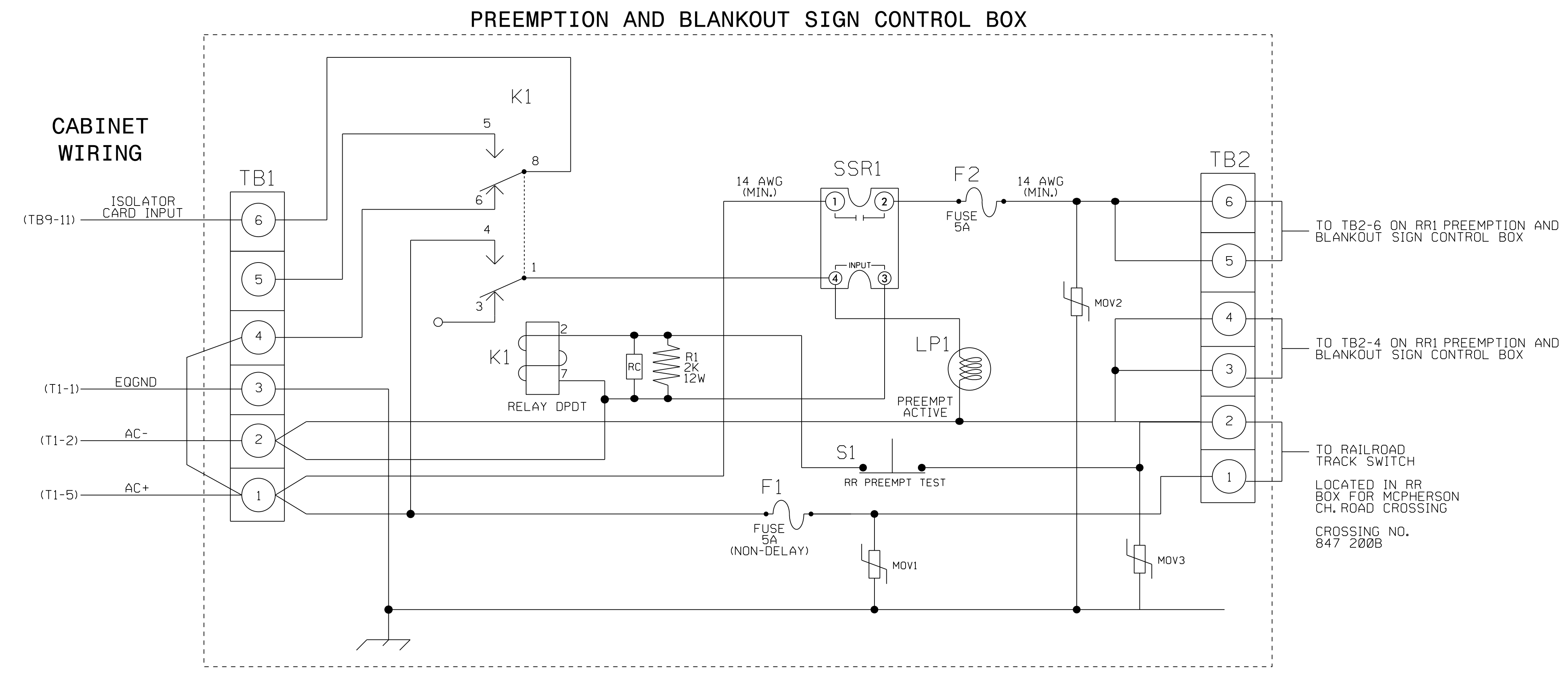


RAILROAD PREEMPTION WIRING DETAIL FOR RR2 (LINKED RR PREEMPTS 3 & 4)

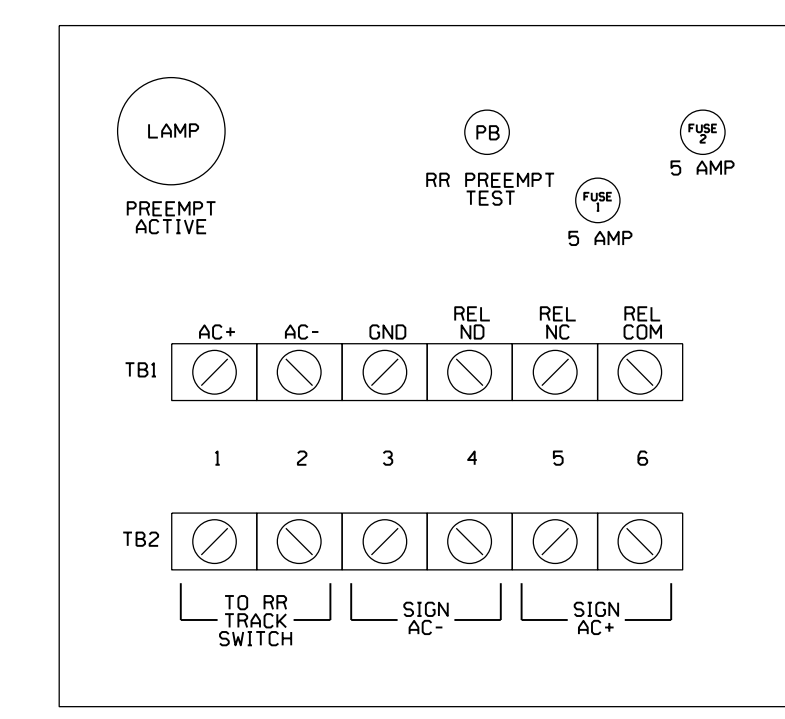
(wire as shown below)



NOTES

1. Relay K1 is shown in the energized (Preempt and active) normal operation state.
2. Relay K1 is a DPDT with 120VAC coil with octabase.
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.

FRONT VIEW



THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 06-0054T1
DESIGNED: March 2018
SEALED: 03-29-2018
REVISED: N/A

Temporary Design 1 - TMP Phase I
Electrical Detail - Sheet 3 of 5

Stantec

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

Prepared in the Offices of:

STATE OF NORTH CAROLINA
Department of Transportation
Division of Signal Management

750 N. Greenfield Pkwy, Garner, NC 27529

ELECTRICAL AND PROGRAMMING DETAILS FOR:

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

NORTH CAROLINA
PROFESSIONAL ENGINEER
SEAL 045933
LAWRENCE E. OVERN

3/29/2018

SIG. INVENTORY NO. 06-0054T1

DATE: 03/29/2018 11:45:00 AM User: rfmancey