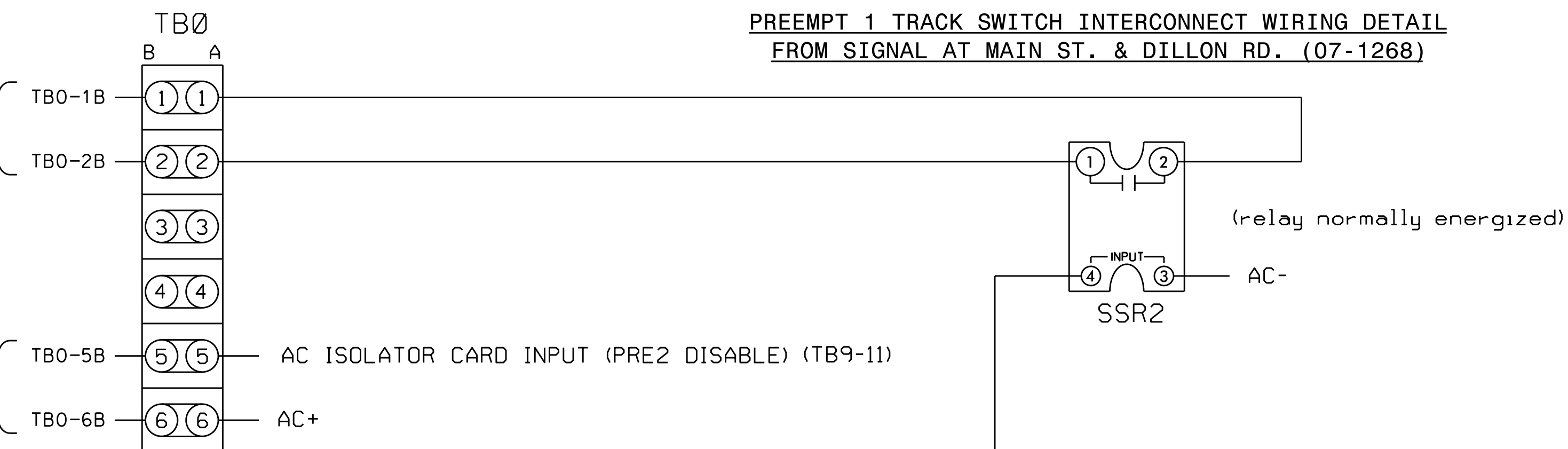


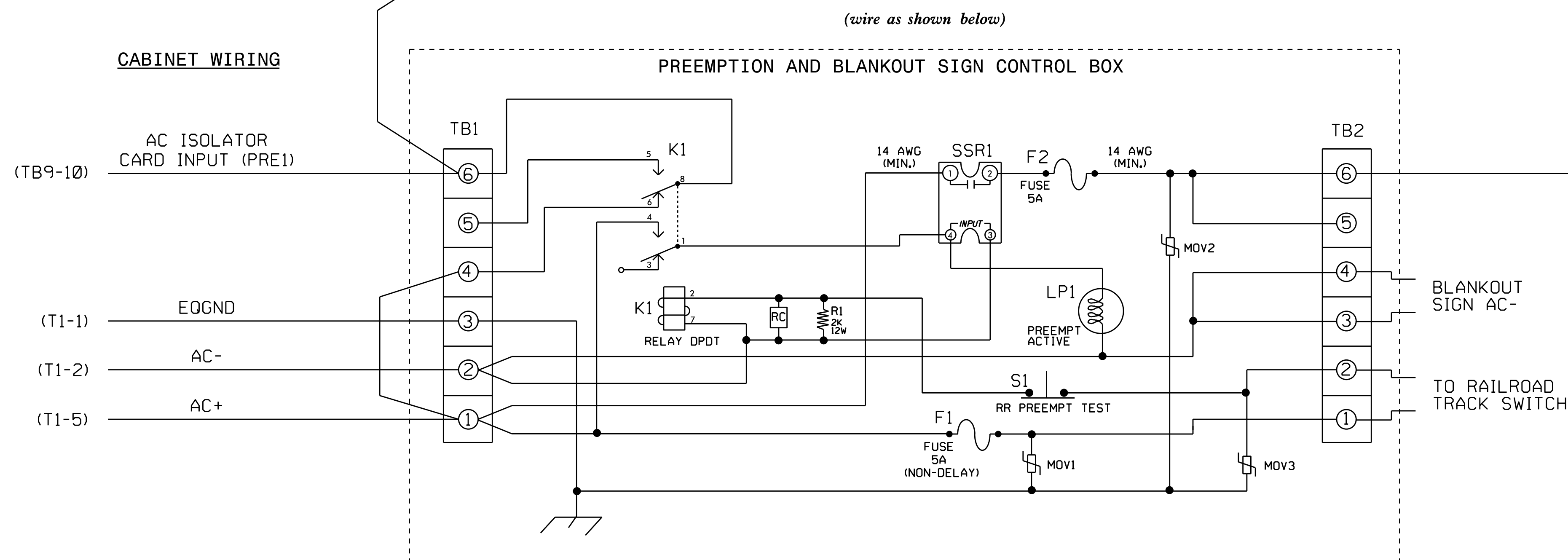
PREEMPT 1 TRACK INTERCONNECT WIRING DETAIL
FROM SIGNAL AT MAIN ST. & DILLON RD. (07-1268)

TO RR TRACK SWITCH TERMINALS TB2-1 & 2 ON RR PREEMPT BOX THRU TERMINAL BLOCK 'TBO' IN CABINET 07-1268 (SEE ELECTRICAL DETAIL FOR 07-1268)

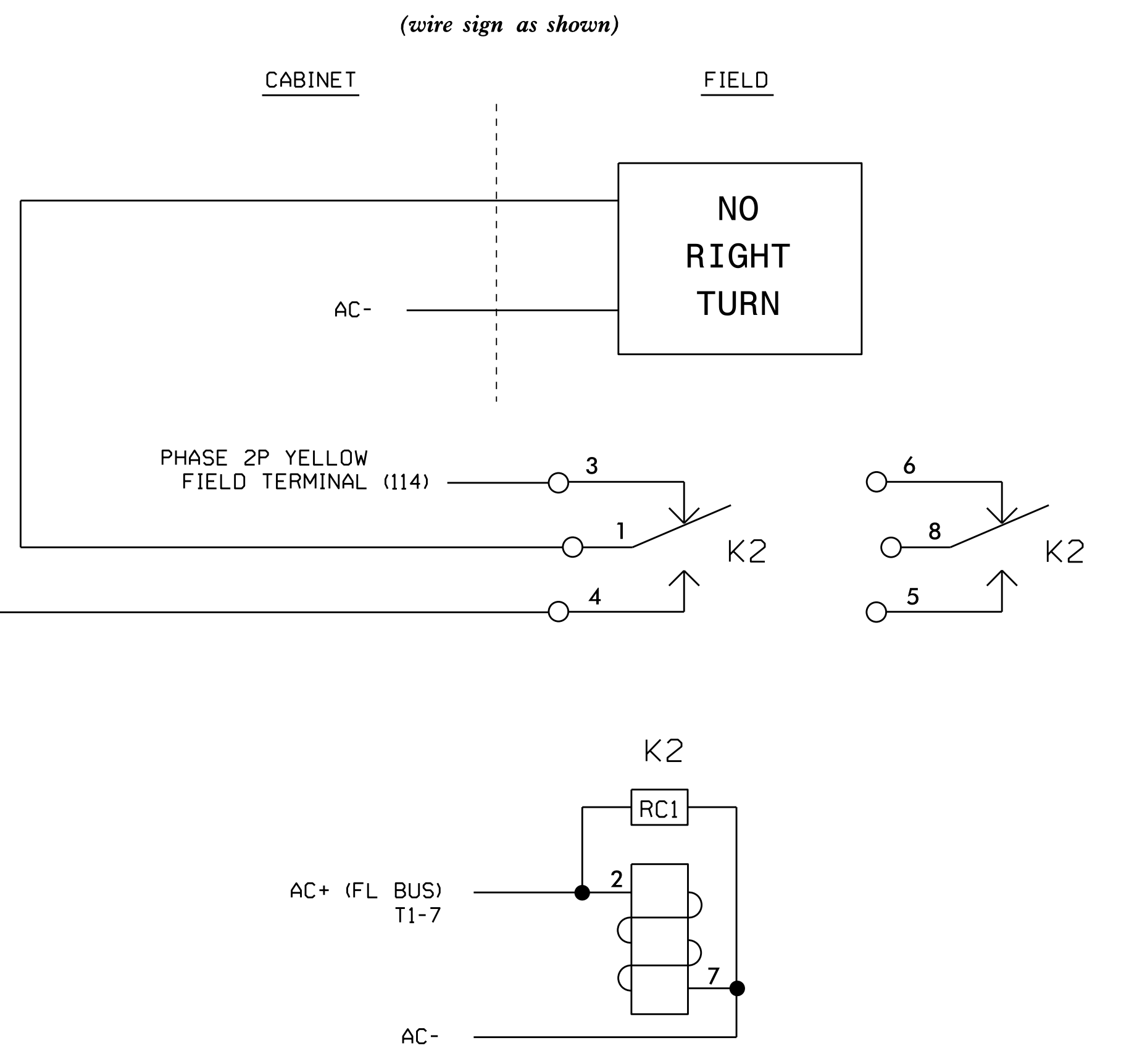
TO QUEUE PRE2 DISABLE RELAY SSR2 THRU TERMINAL BLOCK 'TBO' IN CABINET 07-1268 (SEE ELECTRICAL DETAIL FOR 07-1268)



RAILROAD PREEMPTION WIRING DETAIL



BLANKOUT SIGN WIRING DETAIL

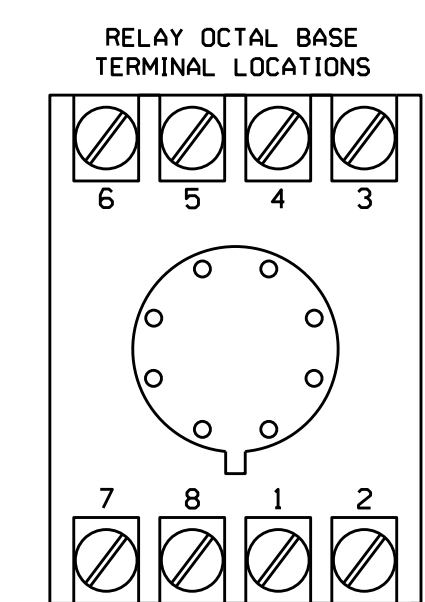
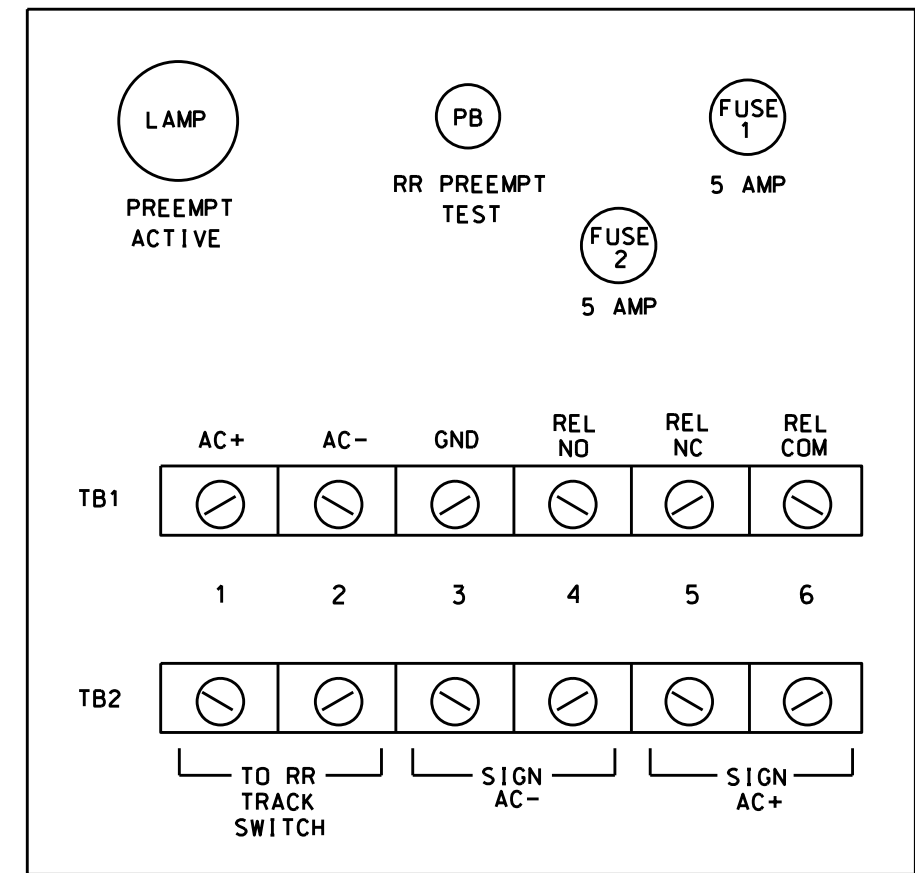


RAILROAD PREEMPTION NOTES

- Relay K1 is shown in the energized (Preempt not active) normal operation state.
- Relay K1 is a DPDT with 120VAC coil with octal base.
- Relays SSR1 (normally open) & SSR2 (normally closed) are SPST Solid State Relays with AC input and AC (25 amp) output.
- AC Isolator Card shall activate RR preemption upon removal of AC+ from the PRE1 input (as shown above). To accomplish this, set INV dip switch on AC Isolator Card as shown on sheet 2.
- AC Isolator Card shall activate the PRE2 Disable upon the application of AC+ to the PRE2 input (as shown above). To accomplish this, set NORM dip switch on AC Isolator Card as shown on sheet 2.

6. IMPORTANT!! A jumper must be added between input file terminals J14-E and J14-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



THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 07-2127
DESIGNED: April 2014
SEALED: 4/20/2015
REVISED: N/A

BLANKOUT SIGN TRANSFER RELAY NOTES

- Relay K2 is a DPDT with 120VAC coil with octal base shown in the normally energized state.
- The RC network across the K2 coil is valued at .1 micro farad, 100 ohm
- Blankout sign is powered by a loadswitch and controlled by logic processor during normal operation and turned on by the RR preemption box during cabinet flash.

Electrical Detail - Sheet 3 of 5

	SR 1334 (Dillon Rd.) at Norfolk Southern Railway Crossing 722 354N	SEAL JOHN T. ROWE, JR. ENGINEER 008453
	Division 7 PLAN DATE: August 2014 PREPARED BY: S. Armstrong	Guilford County REVIEWED BY: [Signature] DATE: 4/22/2015

07-1268-2015-11-14
 S:\MITSAS\1713\SIGNAL\work\hgr\cous\sig\Main\strang072127_sml.e.xxx.dgn
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 S:\MITSAS\1713\SIGNAL\work\hgr\cous\sig\Main\strang072127_sml.e.xxx.dgn