| PROJECT REFERENCE NO. | SHEET NO. |
|---|---|
| C-5558 | Sig. 103.4 |

# PREEMPTION INTERCONNECT WIRING BLOCK DIAGRAM FOR CABINETS LOCATED AT DILLON RD. AND NORFOLK SOUTHERN RAILWAY CROSSING 722 354N (07-2127) AND W. MAIN ST AT DILLON RD AND RAGSDALE RD. (07-1268) IN JAMESTOWN

FIGURE 1

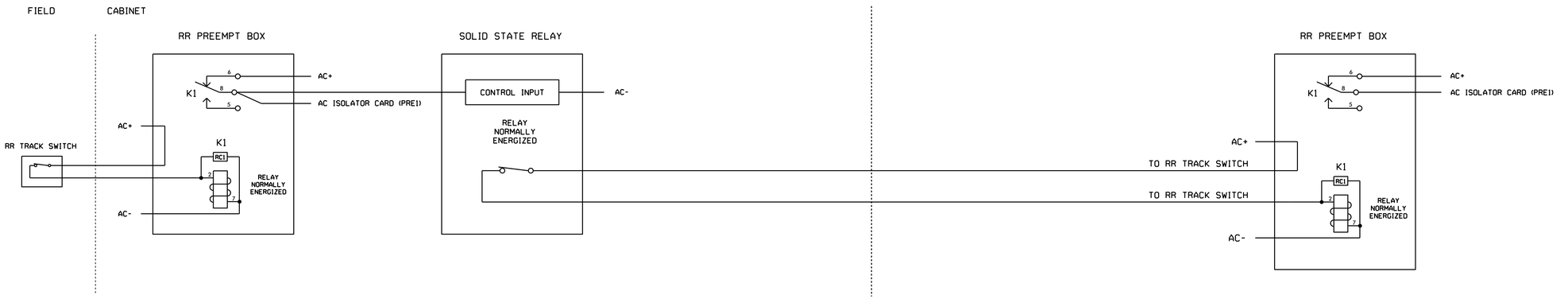
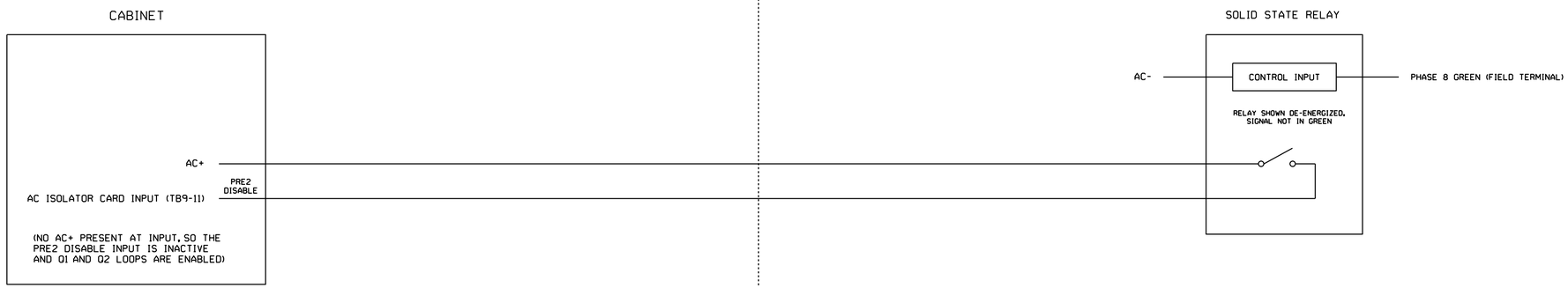



FIGURE 2




NOTES:

In Figure 1, the presence of a train opens the normally closed RR track switch which de-energizes relay K1 in the RR preempt box at location 07-2127. The AC+ control circuit to the solid state relay is broken which opens its normally closed contact and the RR preempt box at location 07-1268 sees this as a track switch opening, the result of which is a RR preempt call to its controller. A RR preempt call is also generated at this location (07-2127).

In Figure 2, any time Phase 8 at location 07-1268 is in the Green state, the control circuit in the solid state relay will cause the contact to close and AC+ will be applied to the AC Isolator card input at location 07-2127. When this happens, the two queue loops that activate PRE2 at said location will be disabled via the logic processor until the Green movement at location 07-1268 is no longer being served and the solid state relay contact opens.

THIS ELECTRICAL DETAIL IS FOR
THE SIGNAL DESIGN: 07-1268
DESIGNED: August 2014
SEALED: 4/21/2015
REVISED: N/A

Electrical Detail - Sheet 4 of 5

ELECTRICAL AND PROGRAMMING DETAILS FOR:

Prepared in the Offices of:

Transportation Mobility and Safety Division
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
Signal Management Section

750 N.Greenfield Pkwy.Garner,NC 27529

SR 1486 (W. Main Street)
at
SR 1334 (Dillon Rd.) and
Ragsdale Rd.

Division 7 | Guilford County | DS | Jamestown

PLAN DATE: January 2015 | REVIEWED BY: JTR

PREPARED BY: S. Armstrong | REVIEWED BY:

| REVISIONS | INIT. | DATE |
|---|---|---|
| | | |

SEAL
NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 008453 JOHN T. ROWE, JR.

DocuSigned by: John T. Rowe, Jr. 4/22/2015
SIGNATURE DATE

SIG. INVENTORY NO. 07-1268

21-APR-2015 13:54
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