

RAILROAD PREEMPTION WIRING DETAIL

(wire as shown below)

ECONOLITE ASC/3-2070 RAILROAD PREEMPT PROGRAMMING DETAIL

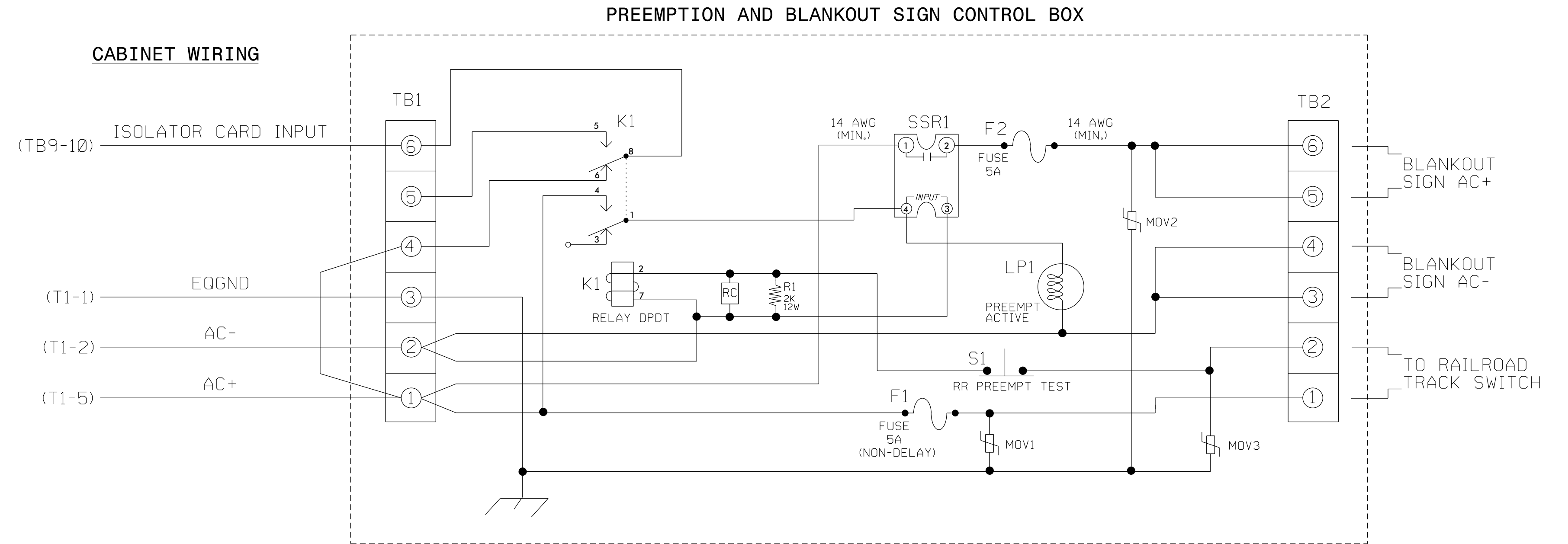
(program controller as shown)

- From Main Menu select 4. PREEMPTOR/TSP
- From PREEMPTOR/TSP/SCP Submenu select 1. PREEMPT PLAN 1-10

Place cursor in [] next to Preempt Plan and press 1. Then press the right cursor arrow and toggle the controller to YES. Next cursor down. This will select Railroad Preempt #1.

PREEMPT PLAN [1]	ENABLE....YES
VEH/PED 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6	
OVERLAP A B C D E F G H I J K L M N O P	
TRKCLR V	
TRKCLR O	
ENA TRL	
DWEL VEH . . . X . . . X	
DWEL PED . . . X . . . X	
DWEL OLP	
CYC VEH . X . . . X	
CYC PED . X . . . X	
CYC OLP	
EXIT PH . X . . . X	
EXIT CAL	
SP FUNC	

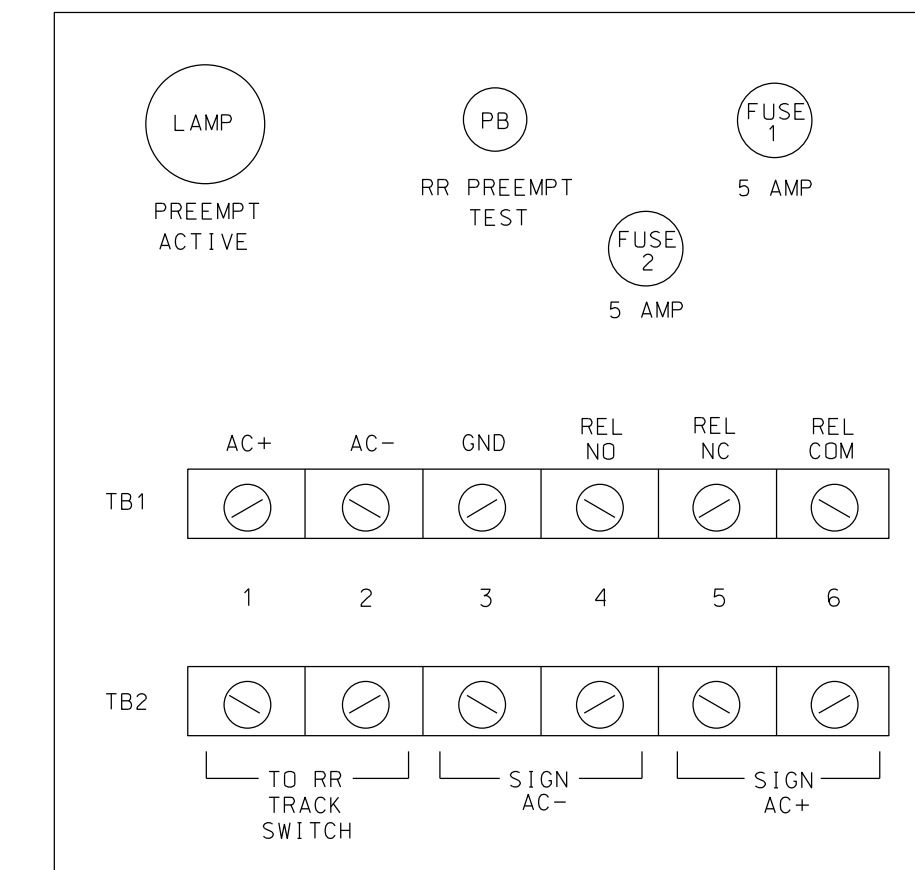
ENABLE... YES	IPMT	OVRIDE.X	INTERLOCK.	NO				
DET LOCK... X	IDELAY..	0	INHIBIT...	0				
OVERIDE FL. .	IDURATION	0	ICLR-GRN...	NO				
TERM OLP. .	NOIPC>YEL	YES	ITERM PH	NO				
PED DARK..	NOITC RESRV	YES	IDWELL FL	OFF				
LINK PMT...0	IX FLCOLR	RED	IXIT OPT.	OFF				
X TMG PLN...0	IRE-SERV..	0	IFLT TYPE	HARD				
FREE DUR PMT	IR1 NOIR2	NOIR3	NOIR4	NO				
--TIMING----	WALKIPED	CLIMN	GRI YELI	RED				
ENTRANCE TM.	255I	255I	1125.5	125.5				
-----MIN	GRIEXT	GRIMX	GRI YELI	RED				
TRACK CLEAR	10I	0I	0125.5	125.5				
-----MIN	DLIPMTEXT	IMX	TMI YELI	RED				
DWL/CYC-EXIT	10I	0.0I	120125.5	125.5				
PMT ACTIVE	OUT.ON	PMT ACT	DWELL...	NO				
OTHER - PRI	PMT.OFF	NON-PRI	PMT....	OFF				
INH EXT	TIME... 0.0	PED PR	RETURN...	OFF				
PRIORITY	RETURN.OFF	QUEUE	DELAY....	OFF				
COND	DELAY.....	OFF						
PHASES	1	2	3	4	5	6	7	8
PR RTN%	0	0	0	0	0	0	0	0
PHASES	9	10	11	12	13	14	15	16
PR RTN%	0	0	0	0	0	0	0	0



NOTES

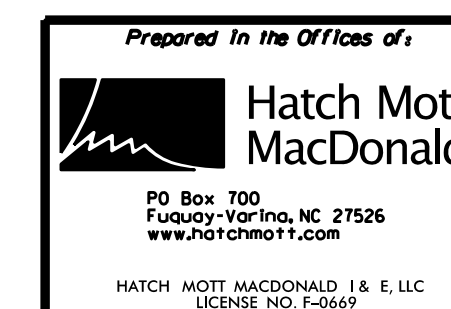
- Relay K1 is shown in the energized (Preempt not active) normal operation state.
- Relay K1 is a DPDT with 120VAC coil with octal base.
- Relay SSR1 is a SPST (normally open) Solid State Relay with AC input and AC (25 amp) output.
- AC Isolator Card shall activate preemption upon removal of AC+ from the input (as shown above). To accomplish this set invert dip switch on AC Isolator Card.
- 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: C011
 DESIGNED: NOVEMBER 2016
 SEALED: 11/17/2016
 REVISED:

Electrical Detail Sheet 2 of 2



HAY STREET AT RAY AVENUE AND OLD STREET

DIY 06 CUMBERLAND COUNTY FAYETTEVILLE

PLAN DATE: NOVEMBER 2016 REVIEWED BY: RWT

PREPARED BY: BLR REVIEWED BY:

REVISIONS	INIT.	DATE

DocuSigned by: Russell W Thompson 11/21/2016

SIG. INVENTORY NO. C011

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