

### 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

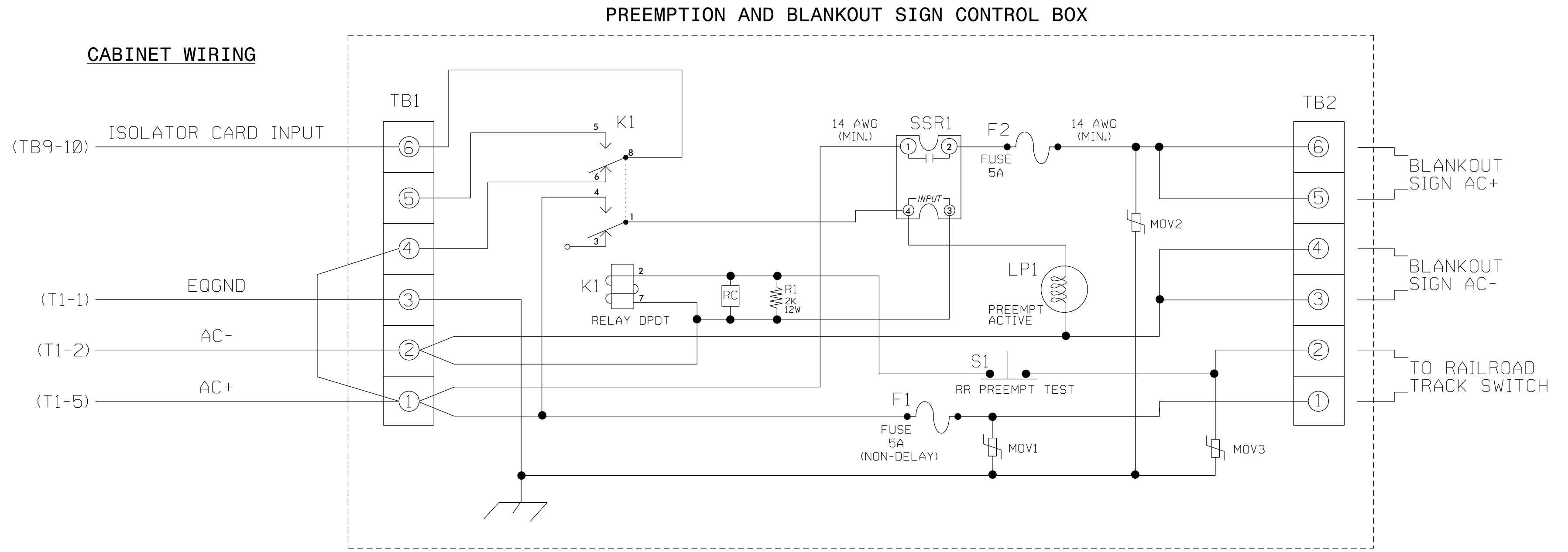
Place cursor in [ ] next to Preempt Plan and press 1. Then press the right cursor arrow and toggle the controller to YES. Next cursor down. This will select Railroad Preempt #1.

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 . . . . .	
DWEL PED . . . . . X . . . . .	
DWEL OLP . . . . .	
CYC VEH . . . . .	
CYC PED . . . . .	
CYC OLP . . . . .	
EXIT PH . X . . . . X . . . . .	
EXIT CAL . . . . .	
SP FUNC . . . . .	

ENABLE... YES	PMT	OVERRIDE	XI	INTERLOCK	NO			
DET LOCK... X	DELAY	O	I	INHIBIT	0			
OVERIDE FL. .	IDURATION	O	ICLR-GRN	NO				
TERM OLP. NO	IPC>YEL	YES	TERM PH	NO				
PED DARK.. NO	ITC RESRV	YES	DWELL FL	OFF				
LINK PMT...O	IX FLCOLR	RED	EXIT OPT.	OFF				
X TMG PLN...O	IRE-SERV..	O	FLT TYPE	HARD				
FREE DUR	PMTIR1	NOIR2	NOIR3	NOIR4	NO			
--TIMING----	WALKPED	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

### RAILROAD PREEMPTION WIRING DETAIL

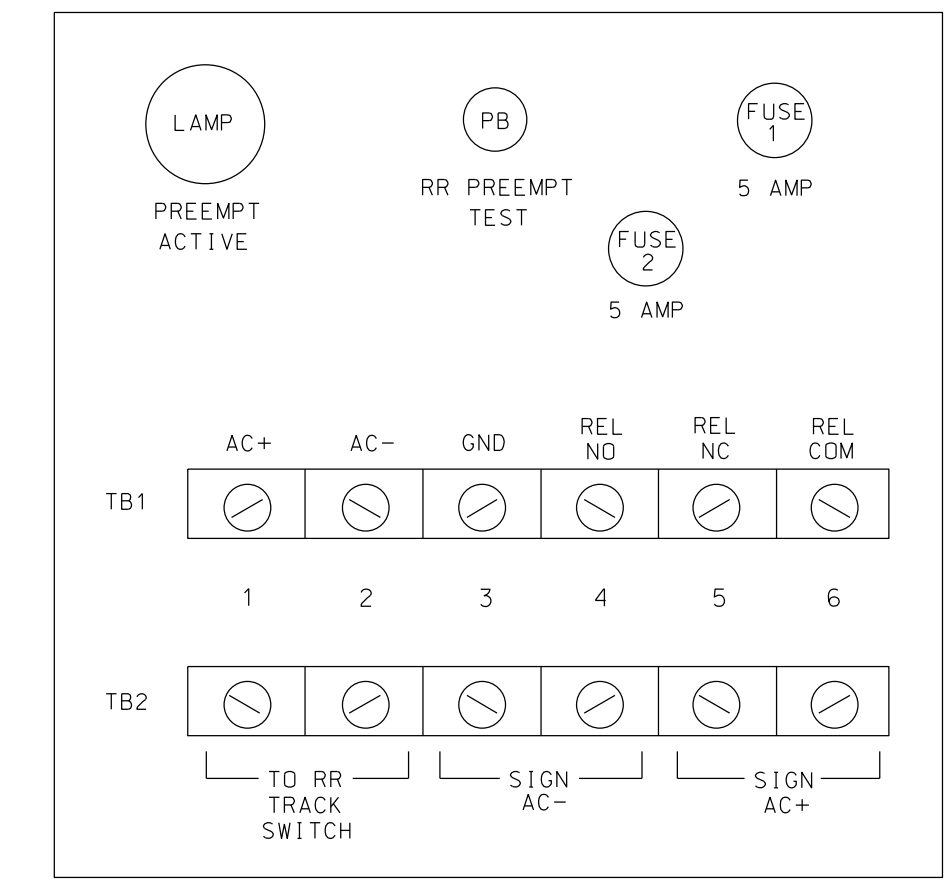
(wire as shown below)



#### 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: C030  
 DESIGNED: NOVEMBER 2016  
 SEALED: 11/17/2016  
 REVISED:

### COUNTDOWN PEDESTRIAN SIGNAL OPERATION

Countdown Ped Signals are required to display timing only during Ped Clearance Interval. Consult Ped Signal Module user's manual for instructions on selecting this feature.

default: \\NDF-DATA\Proj\360655\_U-5742\_Faj-Sig\Project\Sigs\Design\1007\FINAL SEALED PLANS\Revised 11/22/2016\Hay @ Winslow-Hillsboro.dgn 11/22/2016 9:57:36 AM

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Electrical Detail Sheet 2 of 3

ELECTRICAL AND PROGRAMMING DETAILS FOR:		SR 1404 (Hay Street) at Winslow Street and Hillsboro Street		
PLAN DATE: NOVEMBER 2016	REVIEWED BY: RWT	DIV 06	CUMBERLAND COUNTY FAYETTEVILLE	
PREPARED BY: RTP	REVIEWED BY:	REVISIONS	INIT.	DATE
DocuSigned by: Richard T Pate		11/22/2016		SIG. INVENTORY NO. C030