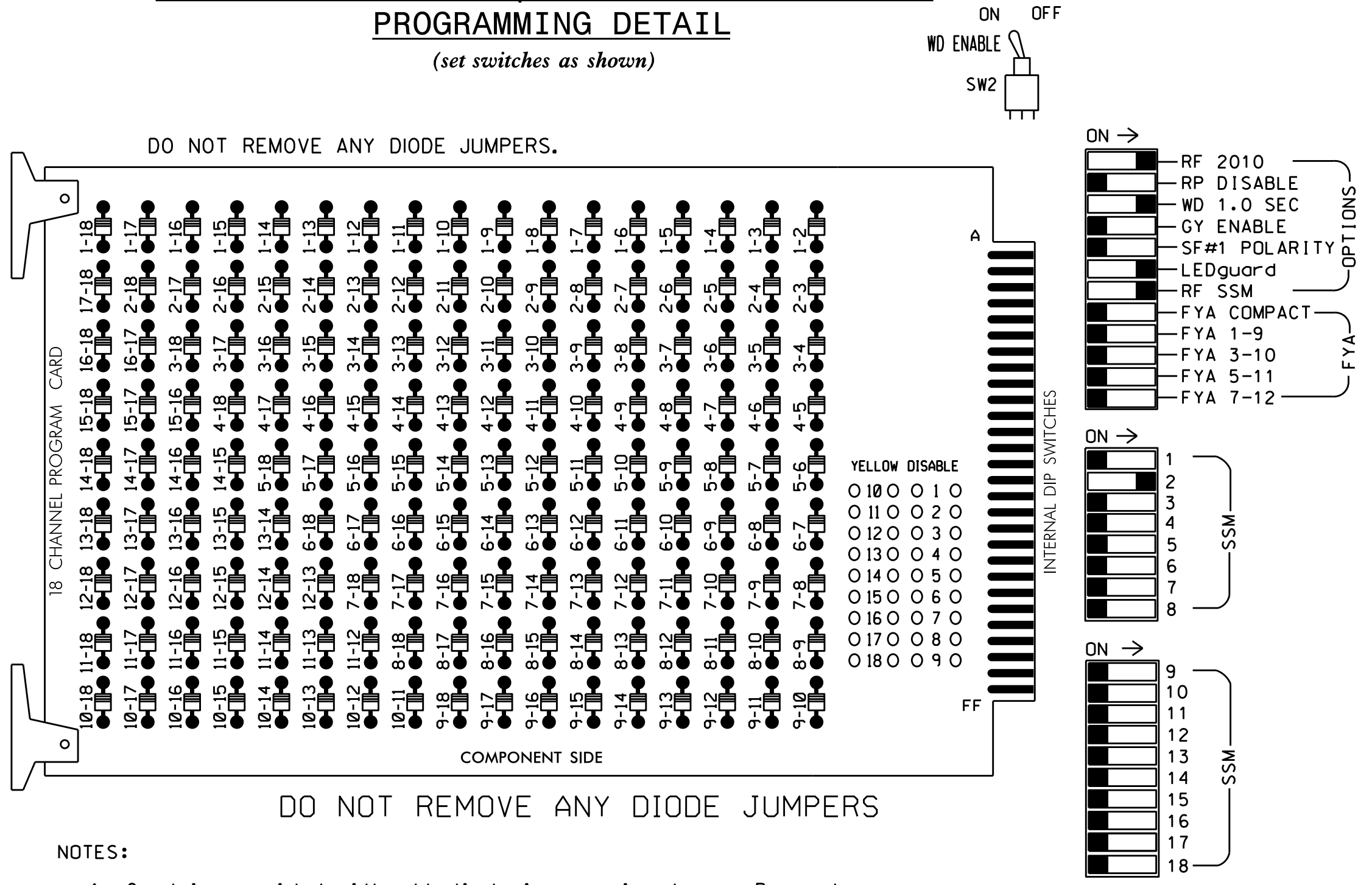


EDI MODEL 2018ECLIP-NC CONFLICT MONITOR PROGRAMMING DETAIL

(set switches as shown)



NOTES:

1. Card is provided with all diode jumpers in place. Removal of any jumper allows its channels to run concurrently.
2. Ensure jumpers SEL2-SEL5 and SEL9 are present on the monitor board.
3. Ensure that Red Enable is active at all times during normal operation.
4. Integrate monitor with Ethernet network in cabinet.

■ = DENOTES POSITION OF SWITCH

NOTES

1. To prevent "flash-conflict" problems, insert red flash program blocks for all unused vehicle load switches in the output file. The installer shall verify that signal heads flash in accordance with the Signal Plans.
2. Enable Simultaneous Gap-Out for all phases.
3. Program phase 2 for Start Up In Green.
4. Program phase 2 for Red Flash.
5. The cabinet and controller are part of the High Point Signal System.

EQUIPMENT INFORMATION

CONTROLLER.....2070
 CABINET.....332
 SOFTWARE.....ECONOLITE OASIS 3.03.32E
 OR LATEST APPROVED VERSION
 CABINET MOUNT.....BASE
 OUTPUT FILE POSITIONS...12
 LOAD SWITCHES USED.....S2,S3*
 PHASES USED.....2
 OVERLAPS.....NONE
 * S3 USED FOR BLANKOUT SIGN ONLY

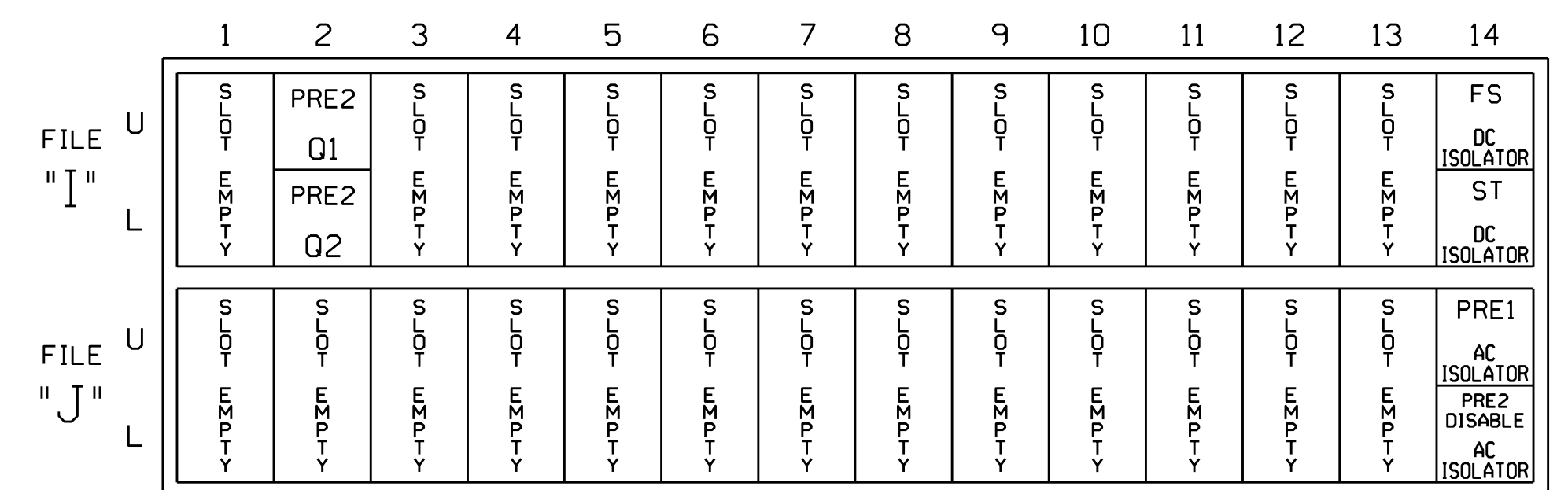
SIGNAL HEAD HOOK-UP CHART

LOAD SWITCH NO.	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	S11	S12
CMU CHANNEL NO.	1	2	13	3	4	14	5	6	15	7	8	16
PHASE	1	2	2 PED	RR PREEMPT	3	4	4 PED	5	6	6 PED	7	8 PED
SIGNAL HEAD NO.	NU	21,22	NU	BLANKOUT SIGN	NU	NU	NU	NU	NU	NU	NU	NU
RED		128										
YELLOW		129										
GREEN		130										
RED ARROW												
YELLOW ARROW												
GREEN ARROW												
PED YELLOW				**								
			*									

NU = Not Used
 * Denotes install load resistor. See load resistor installation detail this below.
 ** S3-Y used for Blankout Sign. See wiring detail on sheet 3.

INPUT FILE POSITION LAYOUT

(front view)



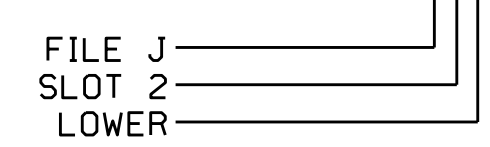
EX.: 1A, 2A, ETC. = LOOP NO.'S
 FS = FLASH SENSE
 ST = STOP TIME
 PRE1 = RR PREEMPT
 PRE2 DISABLE = Q1/Q2 QUEUE PREEMPT DISABLE

INPUT FILE CONNECTION & PROGRAMMING CHART

LOOP NO.	LOOP TERMINAL	INPUT FILE POS.	PIN NO.	INPUT ASSIGNMENT NO.	DETECTOR NO.	NEMA PHASE	CALL	EXTEND	FULL TIME DELAY	STRETCH TIME	DELAY TIME
* 01	TB2-5,6	I2U	39	1	2	PRE2					5
* 02	TB2-7,8	I2L	43	5	12	PRE2					5

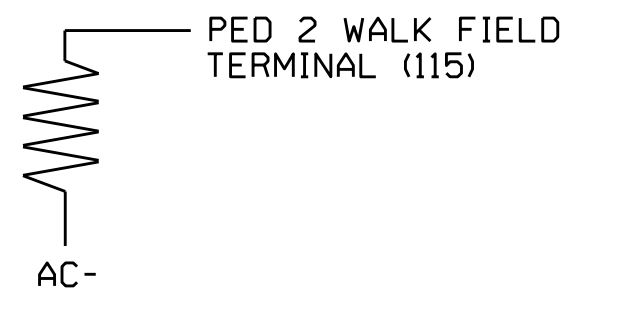
* Inputs have been reprogrammed. See sheet 4 for details.

INPUT FILE POSITION LEGEND: J2L



LOAD RESISTOR INSTALLATION DETAIL

ACCEPTABLE VALUES	
VALUE (ohms)	WATTAGE
1.5K - 1.9K	25W (min)
2.0K - 3.0K	10W (min)



NOTE: Ensure that the white keyed plug located behind rear panel of output file labeled 2PY-4PY-6PY-8PY is disconnected. This will disconnect the conflict monitor wire from field signal terminal 114 shown on the Blankout Sign Wiring Detail on Sheet 3.

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

Electrical Detail - Sheet 1 of 5

	ELECTRICAL AND PROGRAMMING DETAILS FOR:	SR 1334 (Dillon Rd.) at Norfolk Southern Railway Crossing 722 354N	SEAL
	Prepared In the Offices of: S. ARMSTRONG	Division 7 Guilford County ds Jamestown PLAN DATE: August 2014 REVIEWED BY: JTR PREPARED BY: S. Armstrong REVIEWED BY:	DocuSigned by: John T. Rowe, Jr., 4/22/2015 8410001456E4F5 DATE

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