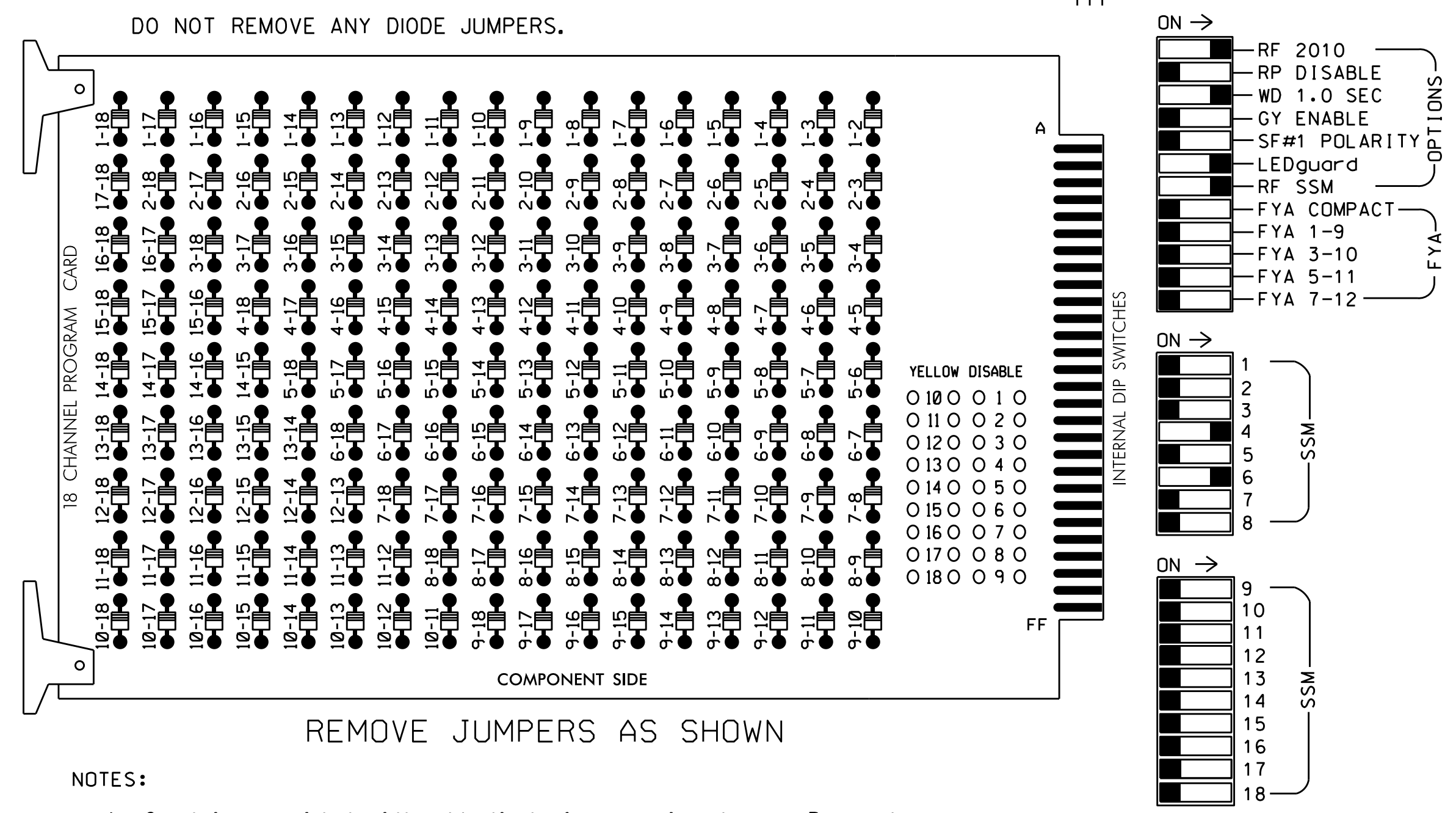


EDI MODEL 2018ECLIP-NC CONFLICT MONITOR PROGRAMMING DETAIL

(remove jumpers and 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.

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 phases 4 and 6 for Gap Reduction.
4. Program phase 6 for Start Up In Green.
5. Program phase 6 for Yellow Flash.
6. The cabinet and controller are part of the High Point Signal System.

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	3	4	4 PED	5	6	6 PED	7	8	8 PED
SIGNAL HEAD NO.	NU	NU	NU	NU	41,42 43	NU	NU	61,62 63	NU	NU	NU	NU
RED					101			134				
YELLOW					102			135				
GREEN					103			136				
RED ARROW												
YELLOW ARROW												
GREEN ARROW												

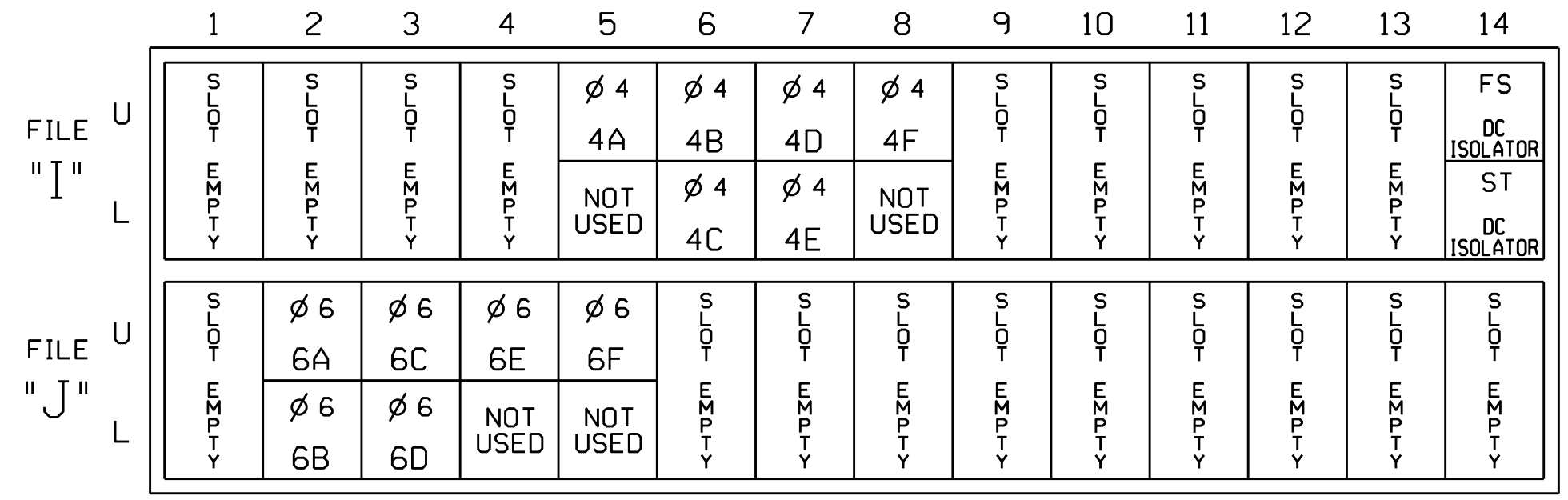
NU = Not Used

EQUIPMENT INFORMATION

CONTROLLER.....2070L
 CABINET.....332
 SOFTWARE.....ECONOLITE OASIS
 CABINET MOUNT.....BASE
 OUTPUT FILE POSITIONS...12
 LOAD SWITCHES USED.....S5,S8
 PHASES USED.....4,6
 OVERLAPS.....NONE

INPUT FILE POSITION LAYOUT

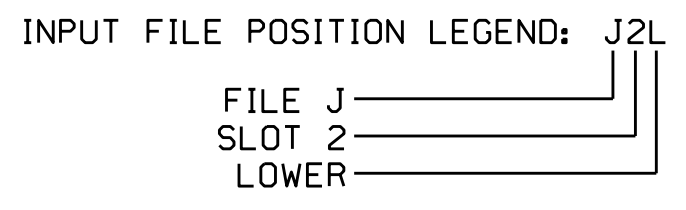
(front view)



EX.: 1A, 2A, ETC. = LOOP NO.'S
 FS = FLASH SENSE
 ST = STOP TIME

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
4A	TB4-5,6	I5U	58	20	3	4		Y			
4B	TB4-9,10	I6U	41	3	4	4		Y			
4C	TB4-11,12	I6L	45	7	14	4		Y			
4D	TB6-1,2	I7U	65	27	34	4	Y	Y	Y	2.0	5
4E	TB6-3,4	I7L	78	40	44	4	Y	Y	Y	2.0	5
4F	TB6-5,6	I8U	49	11	24	4	Y	Y	Y	2.0	10
6A	TB3-5,6	J2U	40	2	6	6	Y	Y			
6B	TB3-7,8	J2L	44	6	16	6	Y	Y			
6C	TB3-9,10	J3U	64	26	36	6	Y	Y			
6D	TB3-11,12	J3L	77	39	46	6	Y	Y	Y	2.0	5
6E	TB5-1,2	J4U	48	10	26	6	Y	Y	Y	2.0	5
6F	TB5-5,6	J5U	57	19	7	6	Y	Y	Y	2.0	5



THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 07-2010
 DESIGNED: July 2014
 SEALED: 4-10-15
 REVISED: N/A

Electrical Detail

ELECTRICAL AND PROGRAMMING DETAILS FOR:

Prepared In the Offices of:

 750 N. Greenfield Pkwy, Garner, NC 27529

I-85 Bus./US 29 SB-US 70 WB Ramp at I-74 EB/US 311 SB Ramp

Division 7 Guilford County High Point

PLAN DATE: July 2014 REVIEWED BY: JTR
 PREPARED BY: James Peterson REVIEWED BY:

REVISIONS INIT. DATE

DocuSigned by:

 John T. Rowe, Jr. 4/16/2015
 SEAL 008453
 PROFESSIONAL ENGINEER
 JOHN T. ROWE, JR.
 SIG. INVENTORY NO. 07-2010

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 J Peterson