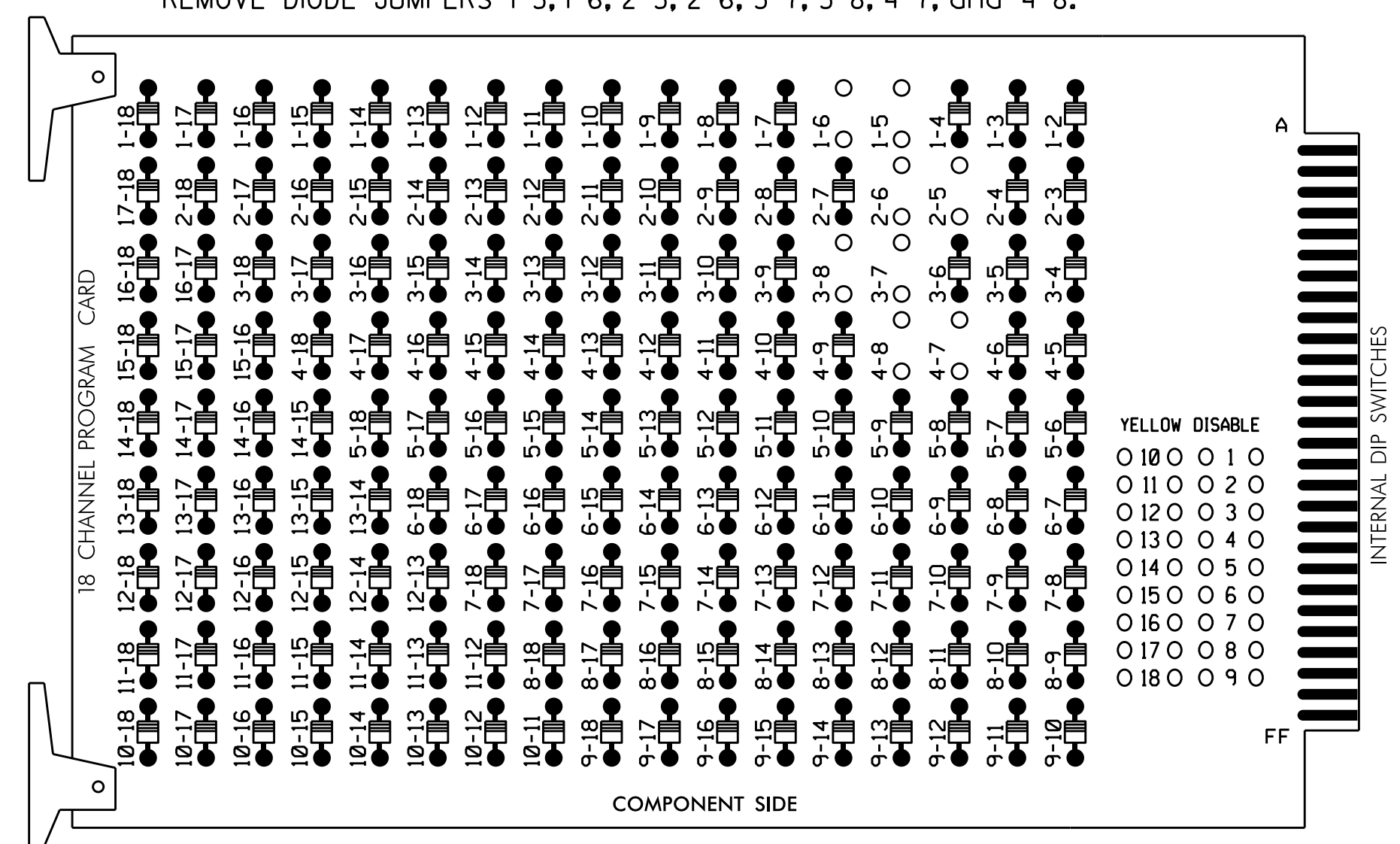


**EDI MODEL 2018ECLIP-NC CONFLICT MONITOR
PROGRAMMING DETAIL**

(remove jumpers and set switches as shown)

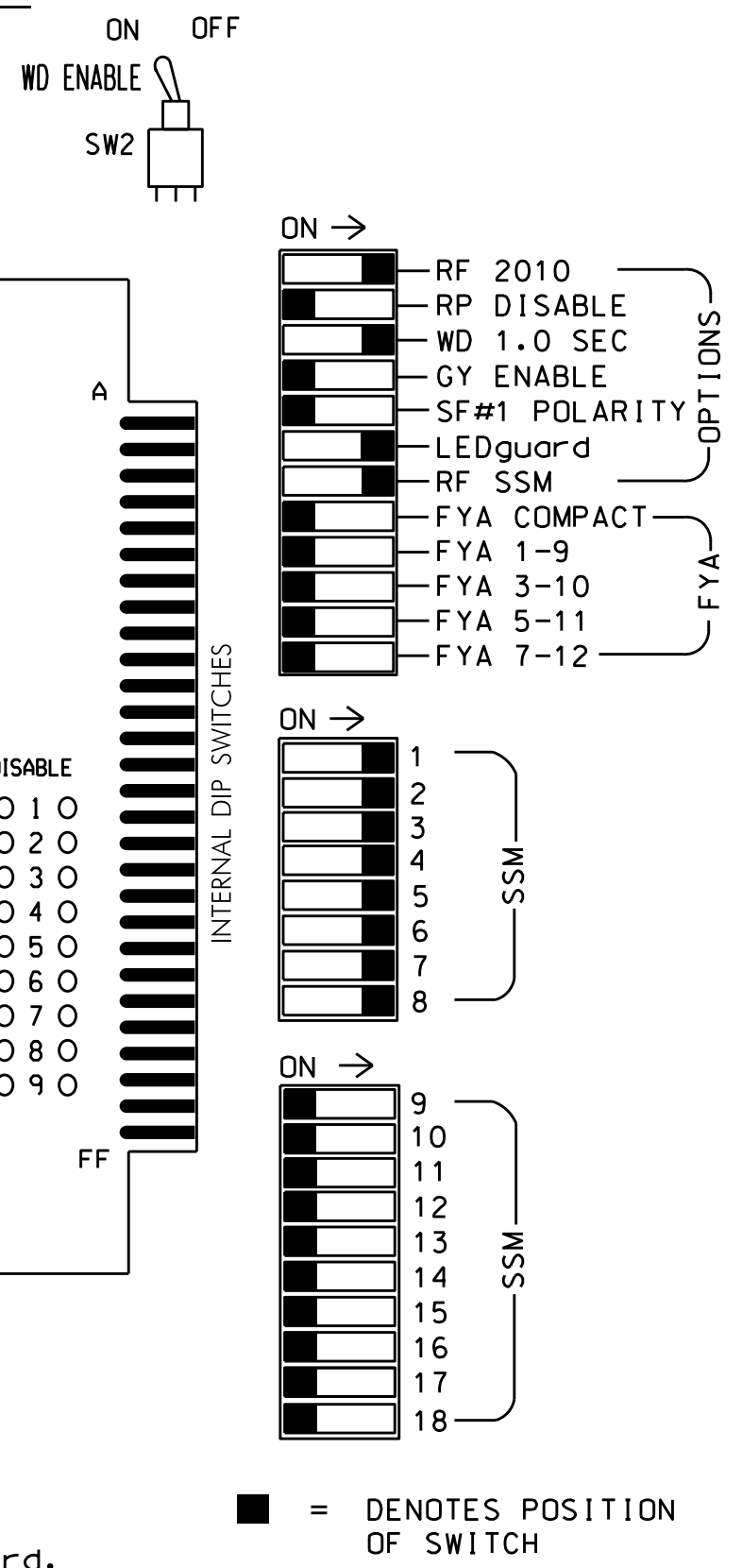
REMOVE DIODE JUMPERS 1-5, 1-6, 2-5, 2-6, 3-7, 3-8, 4-7, and 4-8.



REMOVE JUMPERS 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 2 and 6 for Variable Initial and Gap Reduction.
4. Program phases 2 and 6 for Start Up In Green.
5. Program phases 2 and 6 for Yellow Flash.
6. The cabinet and controller are part of the High Point Signal System.

EQUIPMENT INFORMATION

CONTROLLER.....2070
 CABINET.....332
 SOFTWARE.....ECONOLITE OASIS
 CABINET MOUNT.....BASE
 OUTPUT FILE POSITIONS...12
 LOAD SWITCHES USED.....S1,S2,S4,S5,S7,S8,S10,S11
 PHASES USED.....1,2,3,4,5,6,7,8
 OVERLAPS.....NONE

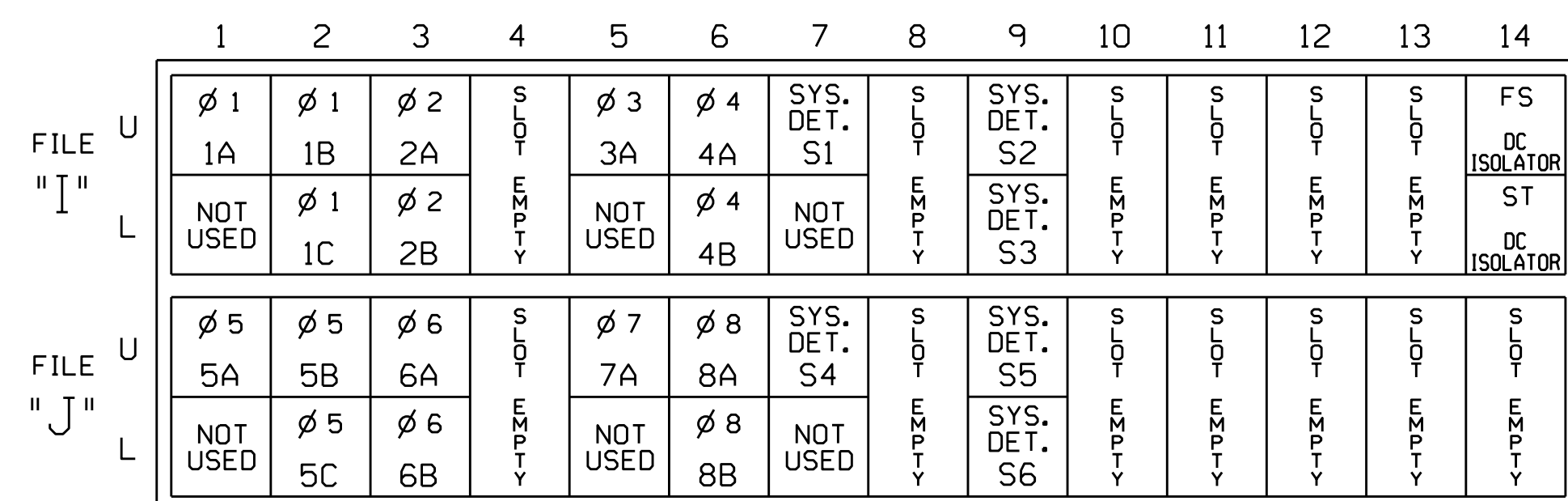
SIGNAL HEAD HOOK-UP CHART

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.	11,12	82	21,22	23	NU	22	31	41,42	43	NU	42	51	61,62	63	NU	62	71	81,82	83	NU
RED			128				101						134						107	
YELLOW																				
GREEN																				
RED ARROW	125						116												122	
YELLOW ARROW	126	126					117	117					132	132					123	123
GREEN ARROW	127	127					118	118					133	133					124	124

NU = Not Used

INPUT FILE POSITION LAYOUT

(front view)



EX.: 1A, 2A, ETC. = LOOP NO.'S

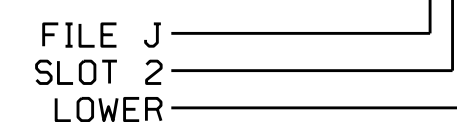
FS = FLASH SENSE
 ST = STOP TIME

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
1A	TB2-1,2	I1U	56	18	1	1	Y	Y			3
1B	TB2-5,6	I2U	39	1	2	1	Y	Y			
1C	TB2-7,8	I2L	43	5	12	1	Y	Y			15
2A	TB2-9,10	I3U	63	25	32	2	Y	Y			
2B	TB2-11,12	I3L	76	38	42	2	Y	Y			
3A	TB4-5,6	I5U	58	20	3	3	Y	Y			
4A	TB4-9,10	I6U	41	3	4	4	Y	Y			
4B	TB4-11,12	I6L	45	7	14	4	Y	Y			
5A	TB3-1,2	J1U	55	17	5	5	Y	Y			
5B	TB3-5,6	J2U	40	2	6	5	Y	Y			15
5C	TB3-7,8	J2L	44	6	16	5	Y	Y			20
6A	TB3-9,10	J3U	64	26	36	6	Y	Y			
6B	TB3-11,12	J3L	77	39	46	6	Y	Y			
7A	TB5-5,6	J5U	57	19	7	7	Y	Y			
8A	TB5-9,10	J6U	42	4	8	8	Y	Y			
8B	TB5-11,12	J6L	46	8	18	8	Y	Y			
* S1	TB6-1,2	I7U	65	27	34	SYS					
* S2	TB6-9,10	I9U	60	22	11	SYS					
* S3	TB6-11,12	I9L	62	24	13	SYS					
* S4	TB7-1,2	J7U	66	28	38	SYS					
* S5	TB7-9,10	J9U	59	21	15	SYS					
* S6	TB7-11,12	J9L	61	23	17	SYS					

* System detector only. Remove the vehicle phase assigned to this detector in the default programming.

INPUT FILE POSITION LEGEND: J2L



THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 07-1744
 DESIGNED: April 2014
 SEALED: 3/31/2015
 REVISED: N/A

Electrical Detail

Electrical and Programming Details for: Johnson Street at SR 1896 (East Hartley Drive)

Prepared in the Offices of: **Transporatio Mobility and Safety Solutions** (Professional Engineer, State of North Carolina, License No. 40084)

Division 7 Guilford County High Point

PLAN DATE: July 2014 REVIEWED BY: *STR*

PREPARED BY: S. Armstrong REVIEWED BY: *STR*

REVISIONS: _____ INIT. DATE

DocuSigned by: **John T. Rowe, Jr.** 4/6/2015

750 N. Greenfield Pkwy, Garner, NC 27529

SIG. INVENTORY NO. 07-1744

09-APR-2015 08:56
 C:\MTSAS\15_Signal\work\hgcous\51g_MonMstrFrng071744_sm_elec_xxx.dgn
 S:\STRONG