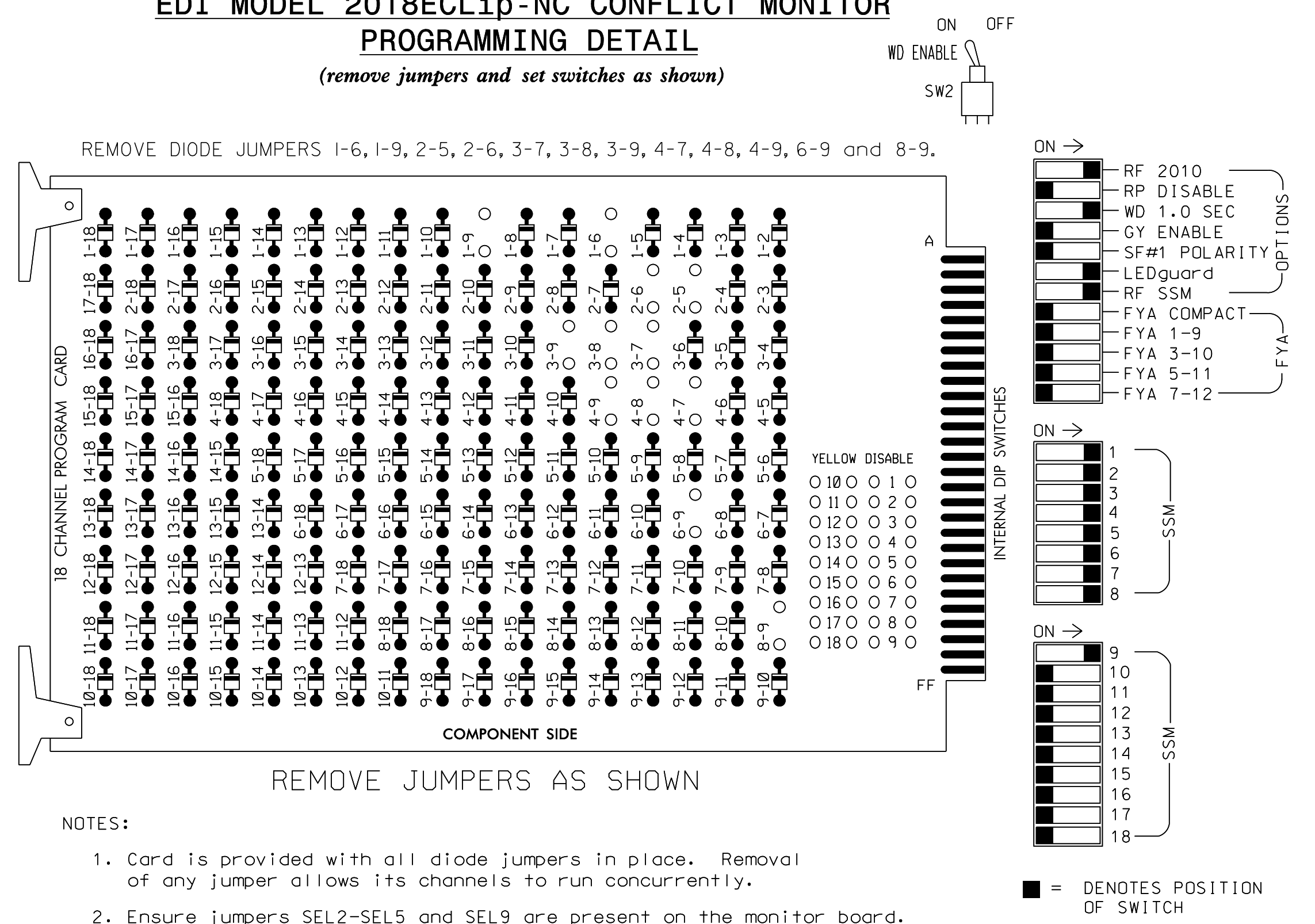


EDI MODEL 2018ECLIP-NC CONFLICT MONITOR PROGRAMMING DETAIL

(remove jumpers and set switches as shown)



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

NOTES

- 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.
- Program phases 4 and 8 for Dual Entry.
- Program controller to start up in phase 2 Green and 6 Green.
- The cabinet and controller are part of the Fayetteville Signal System.

EQUIPMENT INFORMATION

CONTROLLER.....2070LX
 CABINET.....332 W/AUX
 SOFTWARE.....ECONOLITE ASC/3-2070
 CABINET MOUNT.....BASE
 OUTPUT FILE POSITIONS...18 WITH AUX. OUTPUT FILE
 LOAD SWITCHES USED.....S1,S2,S4,S5,S7,S8,S10,S11,AUX S1
 PHASES USED.....1,2,3,4,5,6,7,8
 OVERLAP "A".....*
 OVERLAP "B".....NOT USED
 OVERLAP "C".....NOT USED
 OVERLAP "D".....NOT USED

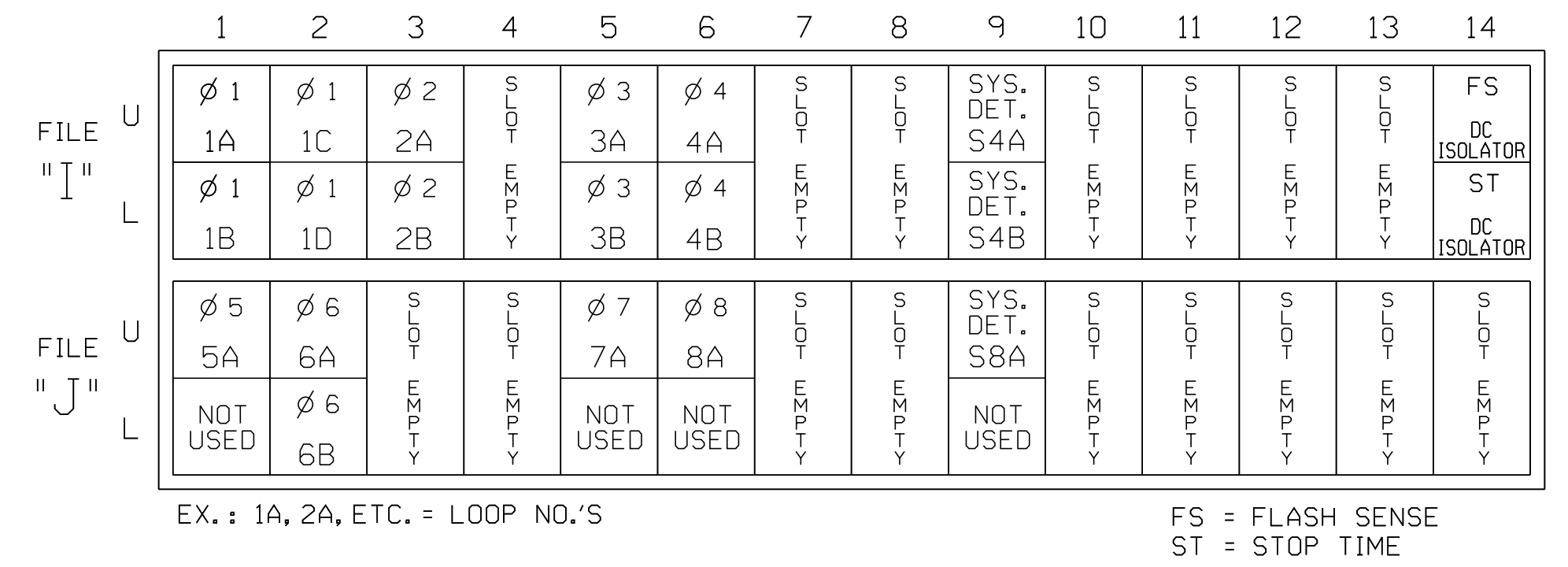
SIGNAL HEAD HOOK-UP CHART

LOAD SWITCH NO.	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	S11	S12	AUX S1	AUX S2	AUX S3	AUX S4	AUX S5	AUX S6
CMU CHANNEL NO.	1	2	13	3	4	14	5	6	15	7	8	16	9	10	17	11	12	18
PHASE	1	2	2 PED	3	4	4 PED	5	6	6 PED	7	8	8 PED	OLA	OLB	SPARE	OLC	OLD	SPARE
SIGNAL HEAD NO.	11,12	21,22	NU	31,32	22	41,42,43	NU	51	61,62	NU	71	62	81,82,85	NU	83,84	NU	NU	NU
RED		128			101			134					107		A121			
YELLOW		129			102			135					108					
GREEN		130			103			136					109					
RED ARROW	125			116			131			122								
YELLOW ARROW	126			117	117		132			123	123				A122			
GREEN ARROW	127			118	118		133			124	124				A123			

NU = Not Used

INPUT FILE POSITION LAYOUT

(front view)

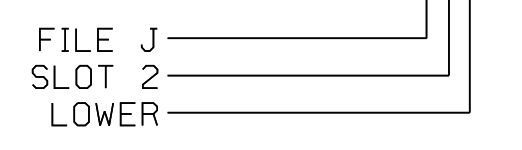


INPUT FILE CONNECTION & PROGRAMMING CHART

LOOP NO.	LOOP TERMINAL	INPUT FILE POS.	PIN NO.	DETECTOR NO.	NEMA PHASE	CALL	EXTEND TIME	DELAY TIME	ADDED INITIAL	DETECTOR TYPE
1A	TB2-1,2	I1U	56	1	1	YES	---	---		N
1B	TB2-3,4	I1L	56	1	1	YES	---	---		N
1C	TB2-5,6	I2U	39	2	1	YES	---	15		N
1D	TB2-7,8	I2L	43	12	1	YES	---	15		N
2A	TB2-9,10	I3U	63	32	2	YES	---	---	X	N
2B	TB2-11,12	I3L	76	42	2	YES	---	---	X	N
3A	TB4-5,6	I5U	58	3	3	YES	---	---		N
3B	TB4-7,8	I5L	58	3	3	YES	---	---		N
4A	TB4-9,10	I6U	41	4	4	YES	---	---		N
4B	TB4-11,12	I6L	45	14	4	YES	---	10		N
5A	TB3-1,2	J1U	55	5	5	YES	---	---		N
6A	TB3-5,6	J2U	40	6	6	YES	---	---	X	N
6B	TB3-7,8	J2L	44	16	6	YES	---	---	X	N
7A	TB5-5,6	J5U	57	7	7	YES	---	3		N
8A	TB5-9,10	J6U	42	8	8	YES	---	---		N
*S4A	TB6-9,10	I9U	60	11	SYS	NO	---	---		N
*S4B	TB6-11,12	I9L	62	13	SYS	NO	---	---		N
*S8A	TB7-9,10	J9U	59	15	SYS	NO	---	---		N

* System detector only. Remove any assigned vehicle phase.

INPUT FILE POSITION LEGEND: J2L



THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 06-0849
 DESIGNED: January 2022
 SEALED: 1/5/2022
 REVISED: N/A

Signal Upgrade - Final Electrical Detail - Sheet 1 of 2

 NC FIRM LICENSE No. F-0493 8521 SIX FORKS ROAD, SUITE 400 RALEIGH, NC 27615 (919) 926-4100	Prepared for the Offices of: 750 N. Greenfield Pkwy, Garner, NC 27529	US 401 (S Raeford Road) at SR 1102 (Gillis Hill Road)	SEAL SEVEN G. HAYNIE ENGINEER 1/5/2022
	Division 6 Cumberland County Fayetteville PLAN DATE: January 2022 REVIEWED BY: V. Kaiser PREPARED BY: S.G. Haynie REVIEWED BY:	REVISIONS: _____ INIT. DATE _____ _____ _____	DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED SEAL _____ _____ _____ _____ _____

04-Jan-22 14:35:29
 R:\P\Projects\060849\Signal\Drawings\060849_s1.dgn_20220105.dgn
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