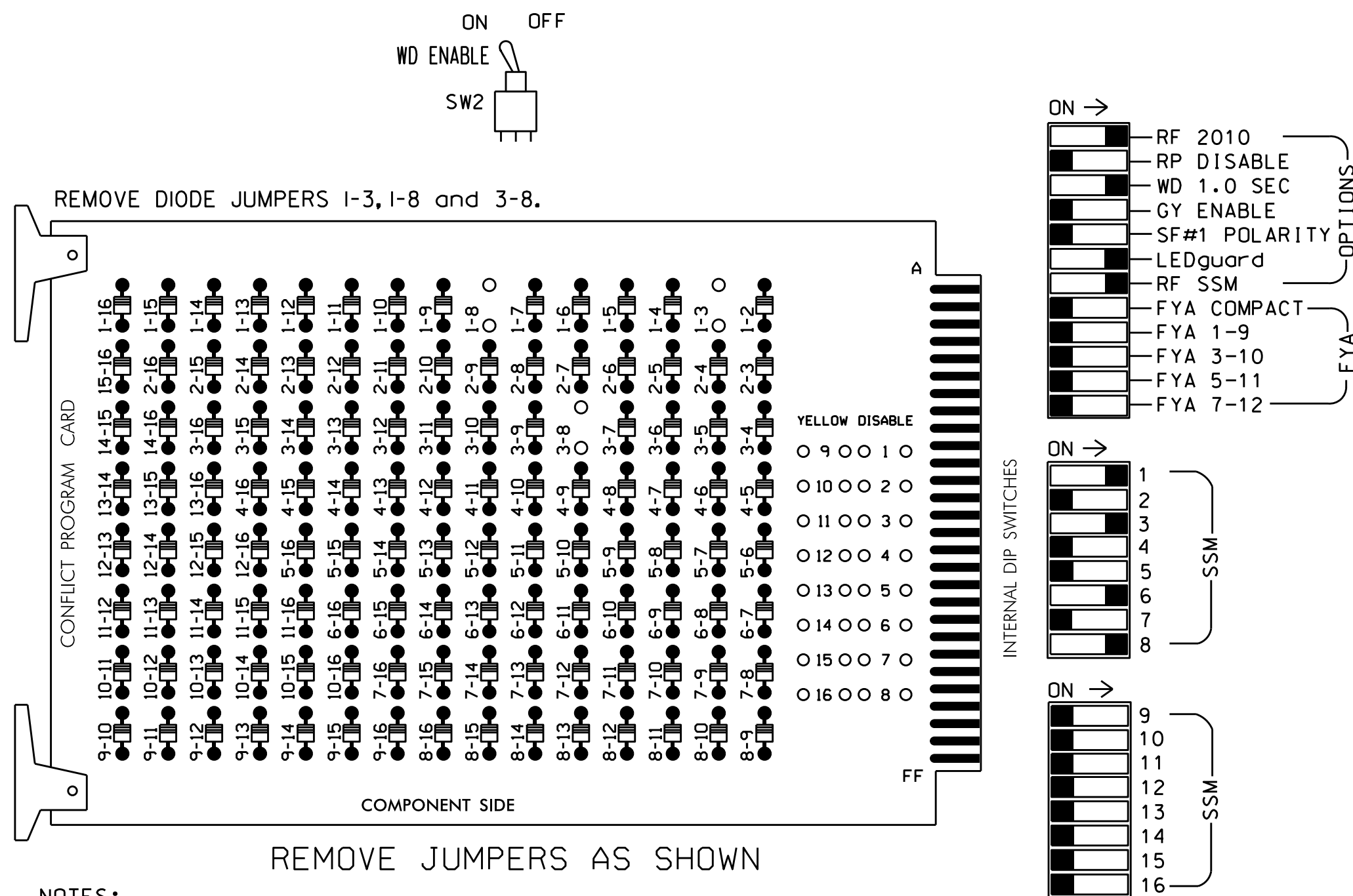


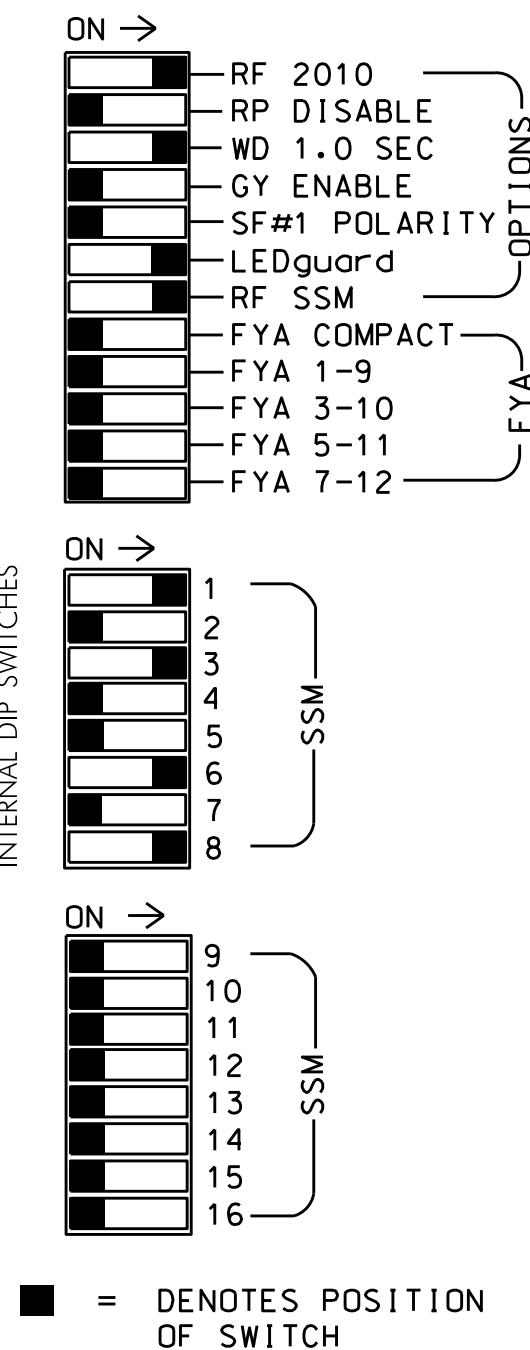
**EDI MODEL 2010ECL-NC CONFLICT MONITOR PROGRAMMING DETAIL**

(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. Make sure jumpers SEL2-SEL5 are present on the monitor board.



**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. Ensure that Red Enable is active at all times during normal operation. To prevent Red Failures on unused monitor channels, tie unused red monitor inputs 2,4,5,7, 9,10,11,12,13,14,15 & 16 to load switch AC+ per the cabinet manufacturer's instructions.
3. Program phases 3 and 8 for Dual Entry.
4. Enable Simultaneous Gap-Out for all Phases.
5. Program phase 6 for Variable Initial and Gap Reduction.
6. Program phase 6 for Startup In Green.
7. Program phase 6 for Yellow Flash.
8. If this signal will be managed by an ATMS software, enable controller and detector logging for all enabled detectors.
9. The cabinet and controller are part of the D03-12 Leland US 17 (Ocean Hwy)-Leland Superstreet.

**EQUIPMENT INFORMATION**

CONTROLLER.....2070  
 CABINET.....332  
 SOFTWARE.....ECONOLITE OASIS  
 CABINET MOUNT.....BASE  
 OUTPUT FILE POSITIONS...12  
 LOAD SWITCHES USED.....S1,S3,S6,S8  
 PHASES USED.....3,6,8  
 OVERLAP'G'.....3

**SIGNAL HEAD HOOK-UP CHART**

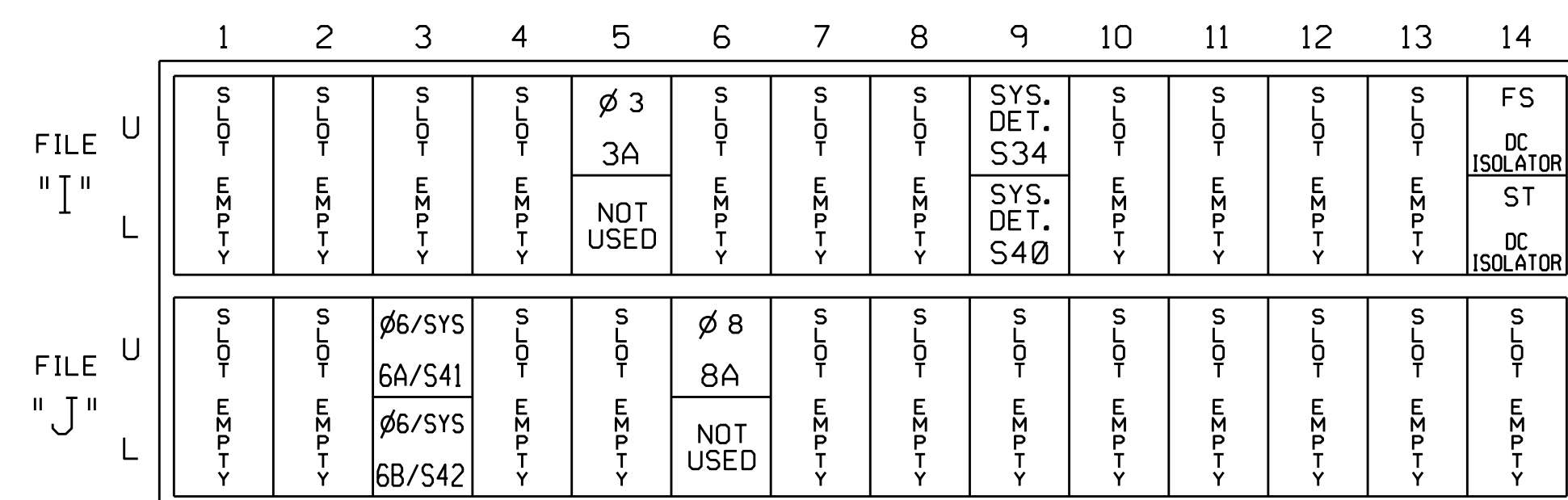
LOAD SWITCH NO.	S1	S2	S2P	S3	S4	S4P	S5	S6	S6P	S7	S8	S8P
PHASE	* * OLG	2	2 PED	3	4	4 PED	5	6	6 PED	7	8	8 PED
SIGNAL HEAD NO.	31,32	NU	NU	33	NU	NU	NU	61,62	NU	NU	81,82	NU
RED	125							134			107	
YELLOW	126							135				
GREEN	127							136				
RED ARROW				116								
YELLOW ARROW				117							108	
GREEN ARROW				118							109	

NU = Not Used

\* \* Requires special programming and output remapping. See sheet 2.

**INPUT FILE POSITION LAYOUT**

(front view)



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

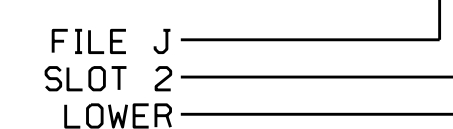
FS = FLASH SENSE  
 ST = STOP TIME

**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
3A	TB4-5,6	15U	58	20	3	3	Y	Y			
6A/S41	TB3-9,10	J3U	64	26	36	6/SYS	Y	Y			
6B/S42	TB3-11,12	J3L	77	39	46	6/SYS	Y	Y			
8A	TB5-9,10	J6U	42	4	8	8	Y	Y			15
* S34	TB6-9,10	I9U	60	22	11	SYS					
* S40	TB6-11,12	I9L	62	24	13	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: 03-1002  
 DESIGNED: October 2021  
 SEALED: 10/27/2021  
 REVISED: N/A

Electrical Detail - Sheet 1 of 2

ELECTRICAL AND PROGRAMMING DETAILS FOR: Prepared In the Offices of:  750 N. Greenfield Pkwy, Garner, NC 27529	<b>US 17 (Ocean Highway) at SR 1438 (Lanvale Road)</b>		SEAL  SEAL 031001 ENGINEER D. TODD JOYCE
	Division 3 Brunswick County Leland PLAN DATE: October 2021 REVIEWED BY: PREPARED BY: Zarrar Zafar REVIEWED BY:	REVISIONS INIT. DATE	

03-1002-2021-09-26  
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