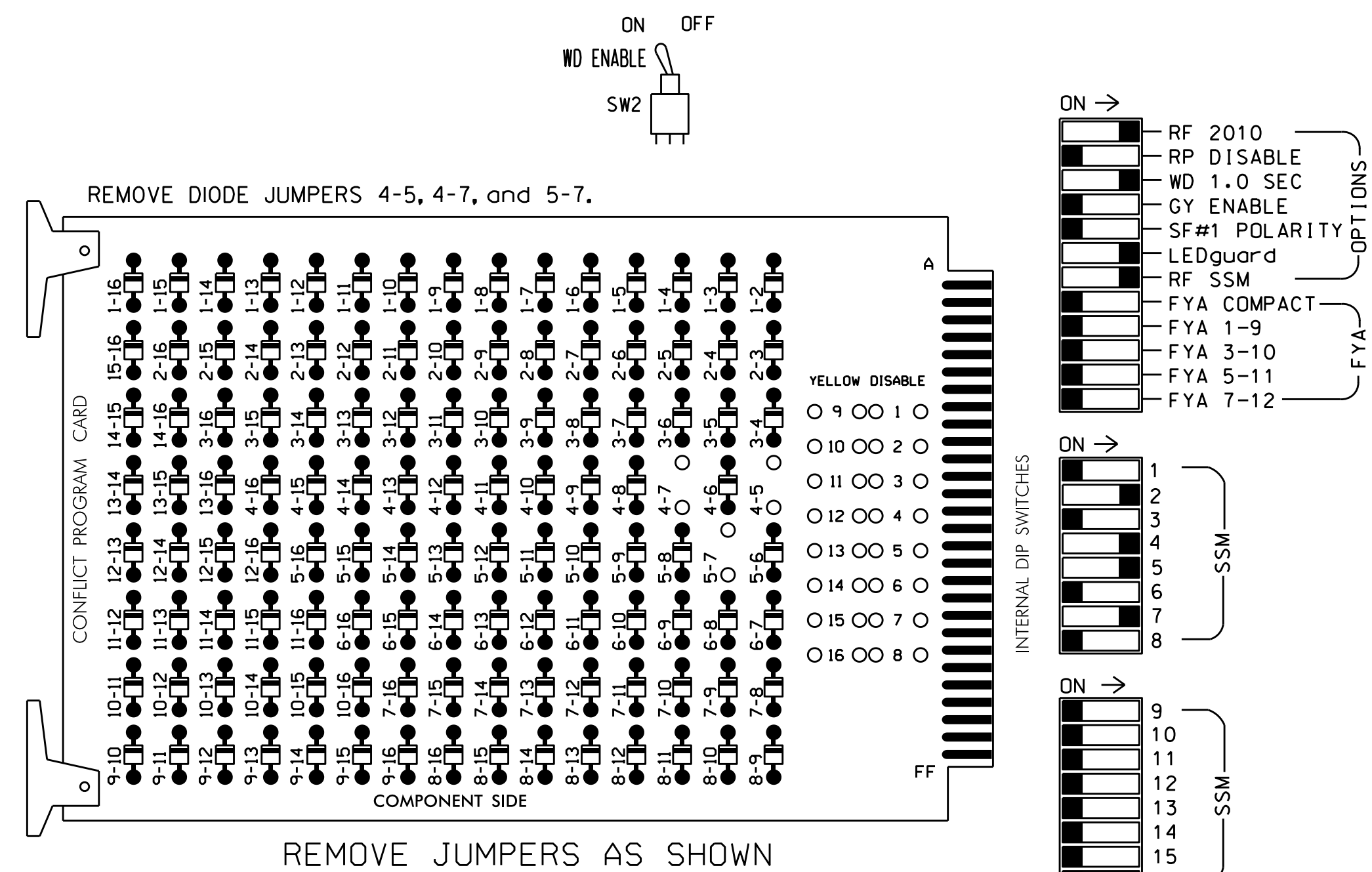


EDI MODEL 2010ECL-NC CONFLICT MONITOR PROGRAMMING DETAIL

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

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.
- 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 1,3, 6,8,9,10,11,12,13,14,15 & 16 to load switch AC+ per the cabinet manufacturer's instructions.
- Enable Simultaneous Gap-Out for all Phases.
- Program phases 4 and 7 for Dual Entry.
- Program phases 2 for Variable Initial and Gap Reduction.
- Program phase 2 Startup In Green.
- Program phase 2 for Yellow Flash.
- If this signal will be managed by an ATMS software, enable controller and detector logging for all detectors used at this location.
- The cabinet and controller are part of the US 17 (Ocean Highway) - Leland Superstreet D03-12 System.

SIGNAL HEAD HOOK-UP CHART

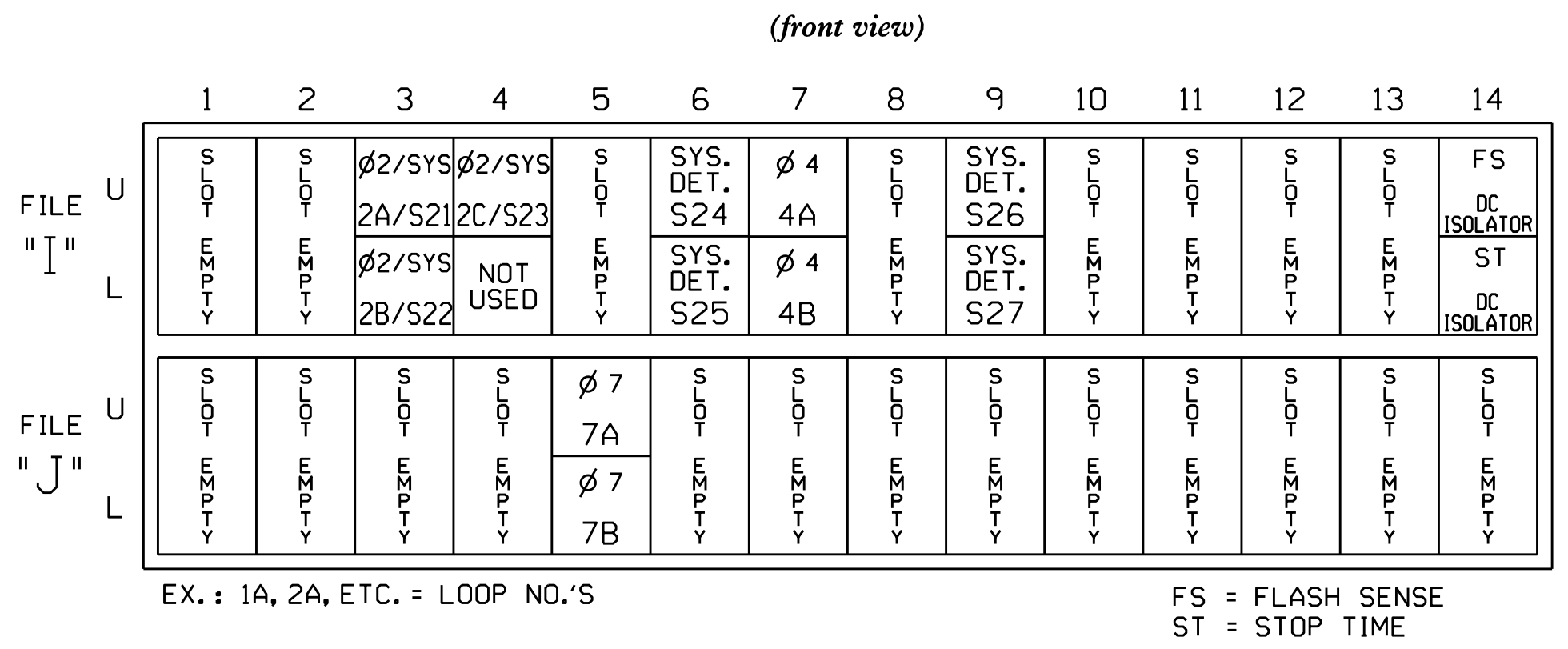
LOAD SWITCH NO.	S1	S2	S2P	S3	S4	S4P	S5	S6	S6P	S7	S8	S8P
PHASE	1	2	2 PED	3	4	4 PED	OLG	6	6 PED	7	8	8 PED
SIGNAL HEAD NO.	NU	21,22	NU	NU	41,42	NU	71,72	NU	NU	73,74	NU	NU
RED		128			101		131					
YELLOW		129					132					
GREEN		130					133					
RED ARROW										122		
YELLOW ARROW					102					123		
GREEN ARROW					103					124		

NU = Not Used
 NOTE: Outputs for load switch S5 have been reassigned. See sheet 2.

EQUIPMENT INFORMATION

CONTROLLER.....2070
 CABINET.....332
 SOFTWARE.....ECONOLITE OASIS
 CABINET MOUNT.....BASE
 OUTPUT FILE POSITIONS...12
 LOAD SWITCHES USED.....S2,S4,S5,S7
 PHASES USED.....2,4,7
 OVERLAP G.....7

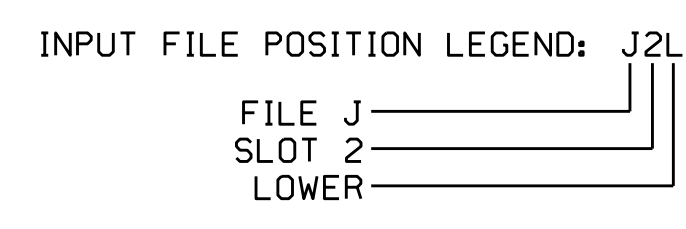
INPUT FILE POSITION LAYOUT



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
2A/S21	TB2-9,10	13U	63	25	32	2/SYS	Y	Y			
2B/S22	TB2-11,12	13L	76	38	42	2/SYS	Y	Y			
2C/S23	TB4-1,2	14U	47	9	22	2/SYS	Y	Y			
4A	TB6-1,2	17U	65	27	34	4	Y	Y			15
4B	TB6-3,4	17L	78	40	44	4	Y	Y			15
7A	TB5-5,6	J5U	57	19	7	7	Y	Y			
7B	TB5-7,8	J5L	57	19	7	7	Y	Y			
*S24	TB4-9,10	16U	41	3	4	SYS					
*S25	TB4-11,12	16L	45	7	14	SYS					
*S26	TB6-9,10	19U	60	22	11	SYS					
*S27	TB6-11,12	19L	62	24	13	SYS					

* SYSTEM DETECTOR ONLY. REMOVE THE VEHICLE PHASE ASSIGNED TO THIS DETECTOR IN THE DEFAULT PROGRAMMING.



THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 03-0979
 DESIGNED: October 2021
 SEALED: 10/26/2021
 REVISED: N/A

Electrical Detail - Sheet 1 of 2

Electrical and Programming Details for: **US 17 (Ocean Highway) at Brunswick Forest Parkway**

Prepared In the Offices of: **RYAN W. HOUGH ENGINEERS**

Division 3 Brunswick County Leland

PLAN DATE: October 2021 REVIEWED BY: _____

PREPARED BY: S. Armstrong REVIEWED BY: _____

REVISIONS: _____ INIT. DATE: _____

DocuSigned by: **Ryan W. Hough** 10/27/2021

SIG. INVENTORY NO. 03-0979

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