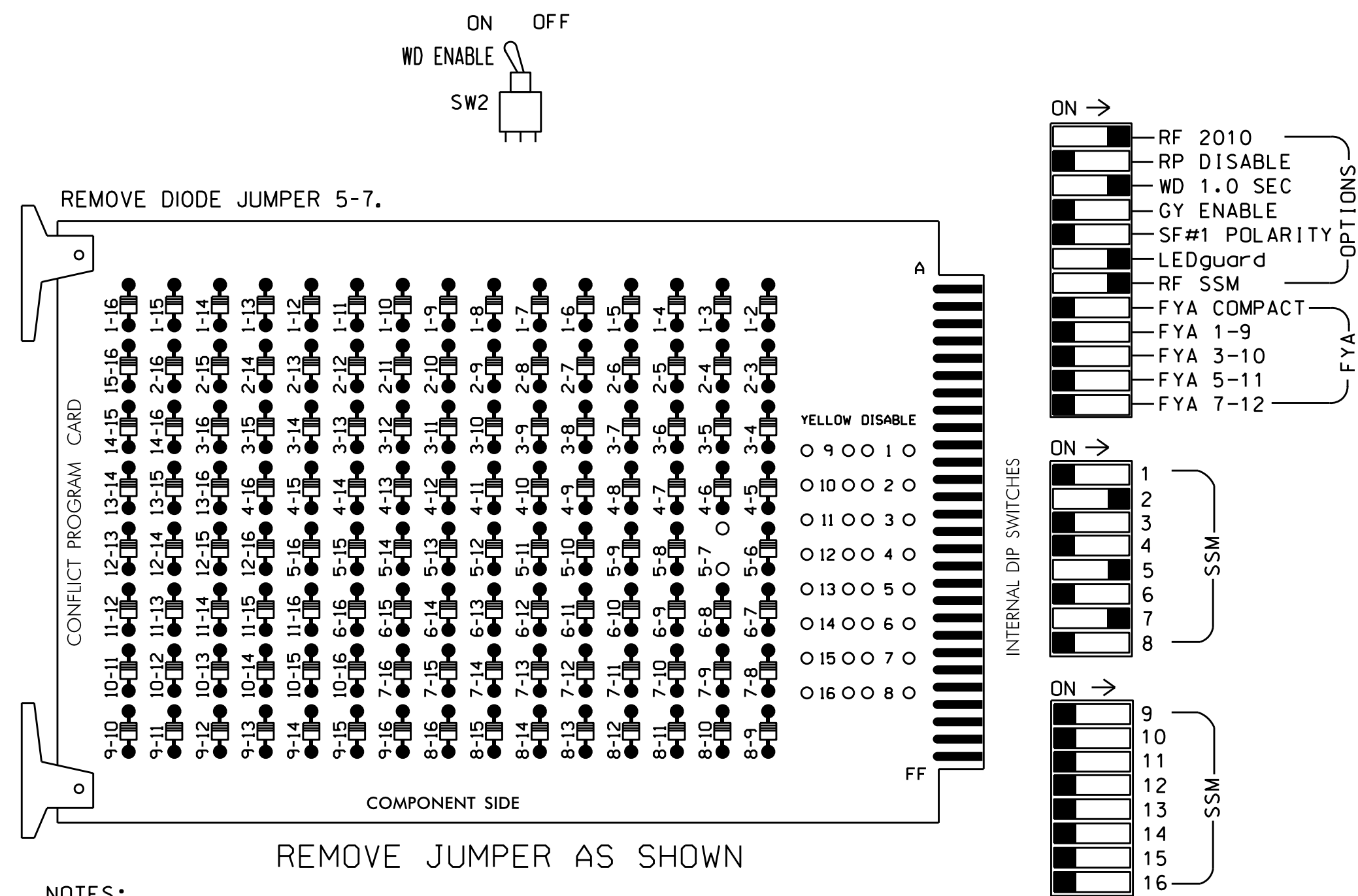


**EDI MODEL 2010ECL-NC CONFLICT MONITOR PROGRAMMING DETAIL**

(remove jumper 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.

■ = DENOTES POSITION OF SWITCH

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

**EQUIPMENT INFORMATION**

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

**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	NU	NU	71,72	NU	NU	73	NU	NU
RED		128										
YELLOW		129										
GREEN		130										
RED ARROW							131			122		
YELLOW ARROW							132			123		
GREEN ARROW							133			124		

NU = Not Used

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

**INPUT FILE POSITION LAYOUT**

(front view)

FILE	1	2	3	4	5	6	7	8	9	10	11	12	13	14
U	0/S	0/S	02/SYS	0/S	0/S	0/S	0/S	0/S	SYS. DET. S33	0/S	0/S	0/S	0/S	FS
I	0/S	0/S	2A/S31	0/S	0/S	0/S	0/S	0/S	NOT USED	0/S	0/S	0/S	0/S	DC ISOLATOR
L	0/S	0/S	02/SYS	0/S	0/S	0/S	0/S	0/S	0/S	0/S	0/S	0/S	0/S	ST
U	0/S	0/S	2B/S32	0/S	0/S	0/S	0/S	0/S	0/S	0/S	0/S	0/S	0/S	DC ISOLATOR
J	0/S	0/S	0/S	0/S	07	0/S	0/S	0/S	0/S	0/S	0/S	0/S	0/S	0/S
L	0/S	0/S	0/S	0/S	7A	0/S	0/S	0/S	0/S	0/S	0/S	0/S	0/S	0/S
	0/S	0/S	0/S	0/S	NOT USED	0/S	0/S	0/S	0/S	0/S	0/S	0/S	0/S	0/S

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

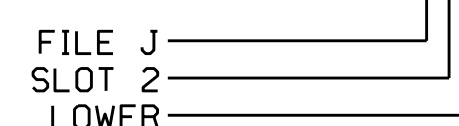
FS = FLASH SENSE  
 ST = STOP TIME

**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
2A/S31	TB2-9,10	13U	63	25	32	2/SYS	Y	Y			
2B/S32	TB2-11,12	13L	76	38	42	2/SYS	Y	Y			
7A	TB5-5,6	J5U	57	19	7	7	Y	Y			
*S33	TB6-9,10	19U	60	22	11	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: 03-1004  
 DESIGNED: October 2021  
 SEALED: 10/27/2021  
 REVISED: N/A

Electrical Detail - Sheet 1 of 2

Electrical and Programming Details for: **US 17 (Ocean Highway) at Lanvale Road South U-Turn**

Division 3 Brunswick County Leland

PLAN DATE: October 2021 REVIEWED BY:

PREPARED BY: Zarrar Zafar REVIEWED BY:

REVISIONS: \_\_\_\_\_ INIT. DATE

750 N. Greenfield Pkwy, Garner, NC 27529

Document Not Considered Final Unless All Signatures Completed

Seal: SEAL 031001 ENGINEER TODD JOYCE

DocuSigned by: D. Todd Joyce 11/3/2021

SIG. INVENTORY NO. 03-1004

03-1004-2021\_08-17 S:\IT\SSU\15\SIGNAL\work\hous\51g\_MarkZafar\plans\031004\_sme.e\_2021mdata.dgn