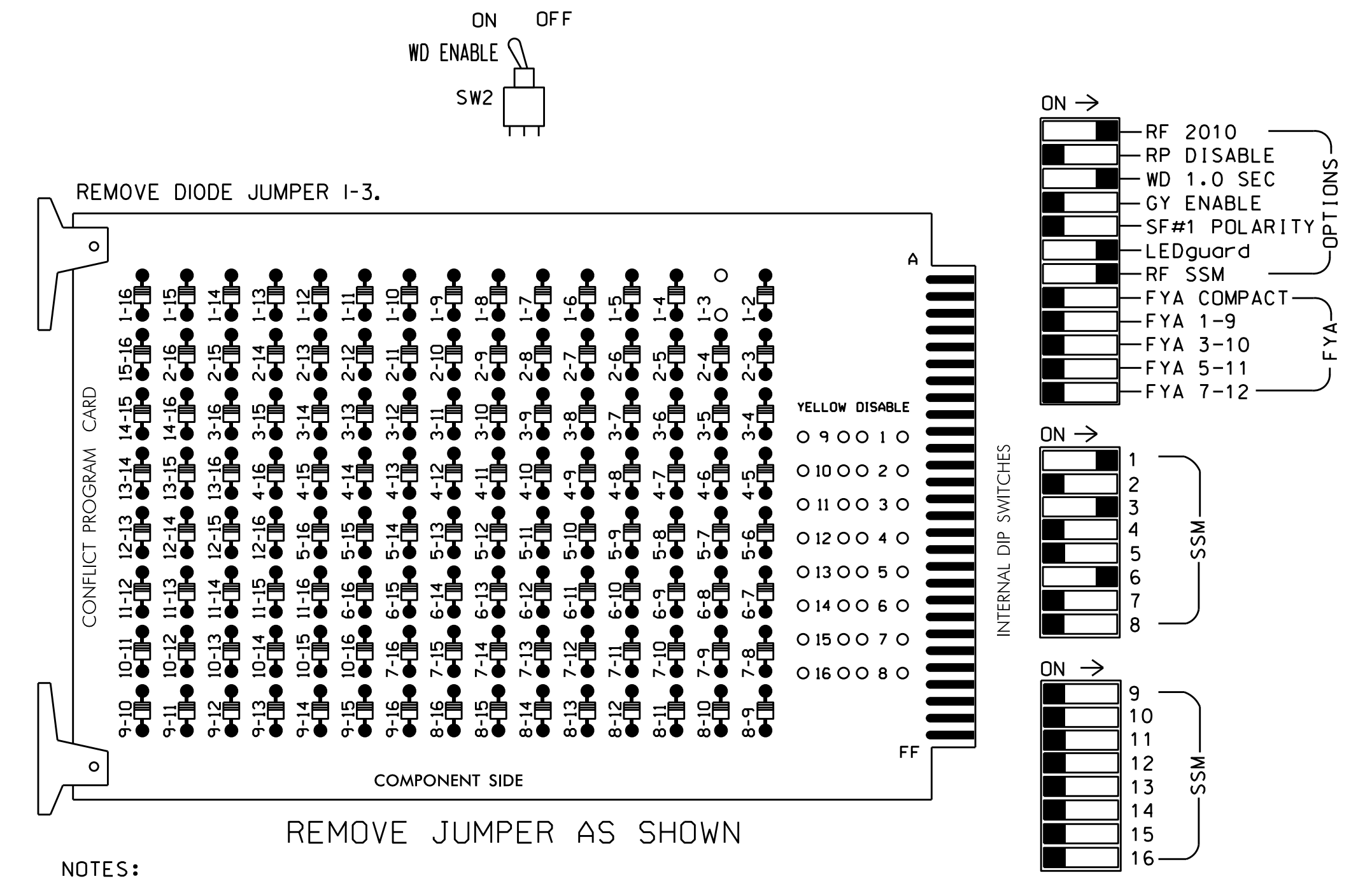


EDI MODEL 2010ECL-NC CONFLICT MONITOR PROGRAMMING DETAIL

(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.

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 2,4,5,7,8, 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 6 for Variable Initial and Gap Reduction.
5. Program phase 6 for Startup In Green.
6. Program phase 6 for Yellow Flash.
7. If this signal will be managed by an ATMS software, enable controller and detector logging for all detectors used at this location.
8. The cabinet and controller are part of the US 17 (Ocean Highway) - Leland Superstreet D03-12 Leland.

EQUIPMENT INFORMATION

CONTROLLER.....2070
 CABINET.....332
 SOFTWARE.....ECONOLITE OASIS
 CABINET MOUNT.....BASE
 OUTPUT FILE POSITIONS...12
 LOAD SWITCHES USED.....S1,S3,S6
 PHASES USED.....3,6
 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.	33	NU	NU	31,32	NU	NU	NU	61,62	NU	NU	NU	NU
RED								134				
YELLOW								135				
GREEN								136				
RED ARROW	125			116								
YELLOW ARROW	126			117								
GREEN ARROW	127			118								

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	FS	∅ 3	FS	FS	FS	FS	FS	FS	FS	FS	FS	FS	FS	FS
L	DC ISOLATOR	3A	DC ISOLATOR	DC ISOLATOR	DC ISOLATOR	DC ISOLATOR	DC ISOLATOR	DC ISOLATOR	DC ISOLATOR	DC ISOLATOR	DC ISOLATOR	DC ISOLATOR	DC ISOLATOR	DC ISOLATOR
U	FS	∅ 6/SYS	∅ 6/SYS	FS	FS	FS	FS	FS	FS	FS	FS	FS	FS	FS
L	DC ISOLATOR	6A/S17	6C/S27	DC ISOLATOR	DC ISOLATOR	DC ISOLATOR	DC ISOLATOR	DC ISOLATOR	DC ISOLATOR	DC ISOLATOR	DC ISOLATOR	DC ISOLATOR	DC ISOLATOR	DC ISOLATOR
U	FS	∅ 6/SYS	NOT USED	FS	FS	FS	FS	FS	FS	FS	FS	FS	FS	FS
L	DC ISOLATOR	6B/S18	DC ISOLATOR	DC ISOLATOR	DC ISOLATOR	DC ISOLATOR	DC ISOLATOR	DC ISOLATOR	DC ISOLATOR	DC ISOLATOR	DC ISOLATOR	DC ISOLATOR	DC ISOLATOR	DC ISOLATOR

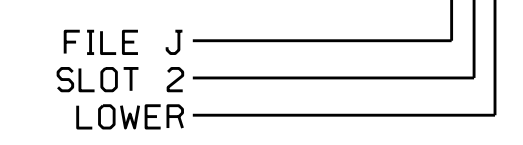
EX. : 1A, 2A, ETC. = LOOP NO.'S

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	TB2-5,6	J2U	39	1	2	3	Y	Y			
6A/S17	TB3-5,6	J2U	40	2	6	6/SYS	Y	Y			
6B/S18	TB3-7,8	J2L	44	6	16	6/SYS	Y	Y			
6C/S27	TB3-9,10	J3U	64	26	36	6/SYS	Y	Y			

INPUT FILE POSITION LEGEND: J2L



THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 03-0967
 DESIGNED: October 2021
 SEALED: 10/25/2021
 REVISED:

28 OCT 2021 10:50 S:\IT\ASST\IS: Signal\work\housas\g: MonPrj\Projects From Signal Design\Active Projects\ckl\amd\030967_sml\elc_xxx.dgn cbsr:lckland

Electrical Detail - Sheet 1 of 2

ELECTRICAL AND PROGRAMMING DETAILS FOR: Prepared In the Offices of: 750 N. Greenfield Pkwy, Garner, NC 27529	US 17 (Ocean Highway) at Old Waterford Way North U-Turn		SEAL SEAL 031001 ENGINEER TODD JOYCE
	Division 3 Brunswick County Leland		
PLAN DATE: October 2021	REVIEWED BY: T. Joyce		
PREPARED BY: C. Strickland	REVIEWED BY:		
REVISIONS	INIT.	DATE	
DocuSigned by: 10/28/2021		DATE	
SIG. INVENTORY NO. 03-0967			

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED