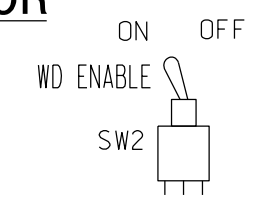
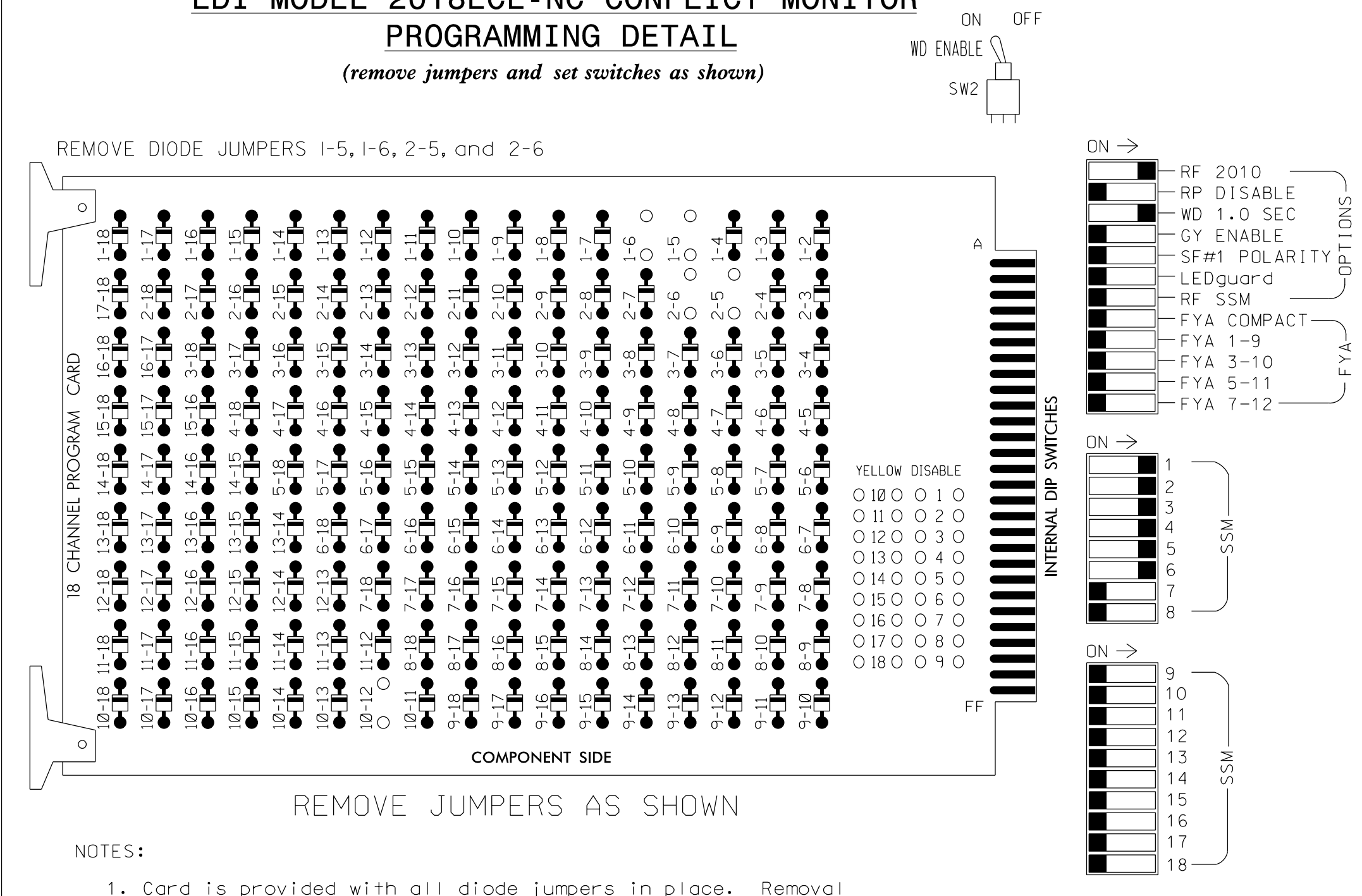


### EDI MODEL 2018ECL-NC CONFLICT MONITOR PROGRAMMING DETAIL

(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.
- Connect serial cable from conflict monitor to comm. port 1 of 2070 controller. Ensure conflict monitor communicates with 2070.

### 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.
- Enable simultaneous Gap-Out for all phases.
- Program phases 2 and 6 for Startup in Green.
- Program phase 2 and 6 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.

### EQUIPMENT INFORMATION

CONTROLLER.....2070  
 CABINET.....332 W/ AUX  
 SOFTWARE.....ECONOLITE OASIS  
 CABINET MOUNT.....BASE  
 OUTPUT FILE POSITIONS...18 WITH AUX. OUTPUT FILE  
 LOAD SWITCHES USED.....S1,S2,S3,S4,S5,S6  
 PHASES USED.....1,2,3,4,5,6  
 OVERLAPS.....NONE

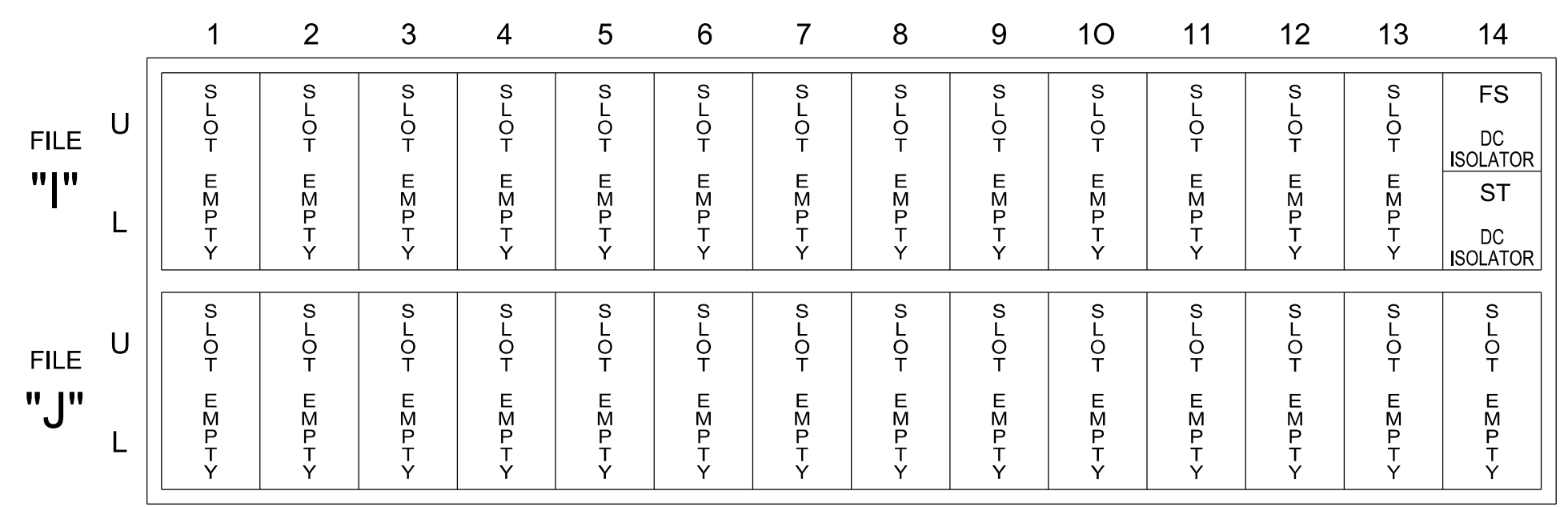
### SIGNAL HEAD HOOK-UP CHART

LOAD SWITCH NO.	S1	S2	S2P	S3	S4	S4P	S5	S6	S6P	S7	S8	S8P	S9	S10	S11	S12	S13	S14
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	32	21,22	NU	22	31	32	41	42	62	NU	51	61,62	NU	NU	NU	NU	NU
RED			128		116	116	101	101					134					
YELLOW			129		117	117	102	102					135					
GREEN			130		118	118	103	103					136					
RED ARROW	125											131						
YELLOW ARROW	126	126		117				102		132								
GREEN ARROW	127	127		118	118		103	103		133								
Hand icon																		
Person icon																		

NU = Not Used

### INPUT FILE POSITION LAYOUT

(front view)



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

FS = FLASH SENSE  
 ST = STOP TIME

### SPECIAL DETECTOR NOTE

Install a video detection system for vehicle detection. Perform installation according to manufacturer's directions and NCDOT engineer-approved mounting locations to accomplish the detection schemes shown on the Signal Design Plans.

THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 11-1044T1  
 DESIGNED: May 2023  
 SEALED: 5/24/2023  
 REVISED: N/A

Temporary Installation - Electrical Detail 1 of 1 (Phase 10)

	<b>US 421 - NC 16</b> at <b>SR 1322 (Winkler Mill Road) / Stonecrest Oaks Pkwy</b>		
	Division 11 Wilkes County Wilkesboro		
PLAN DATE: May 2023 PREPARED BY: S.R.Chiluka	REVIEWED BY: M.L.Stygles REVIEWED BY: J.Ma		
REVISIONS	INIT.	DATE	DocuSigned by:  5/24/2023 DATE
			SIG. INVENTORY NO. 11-1044T1



DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED