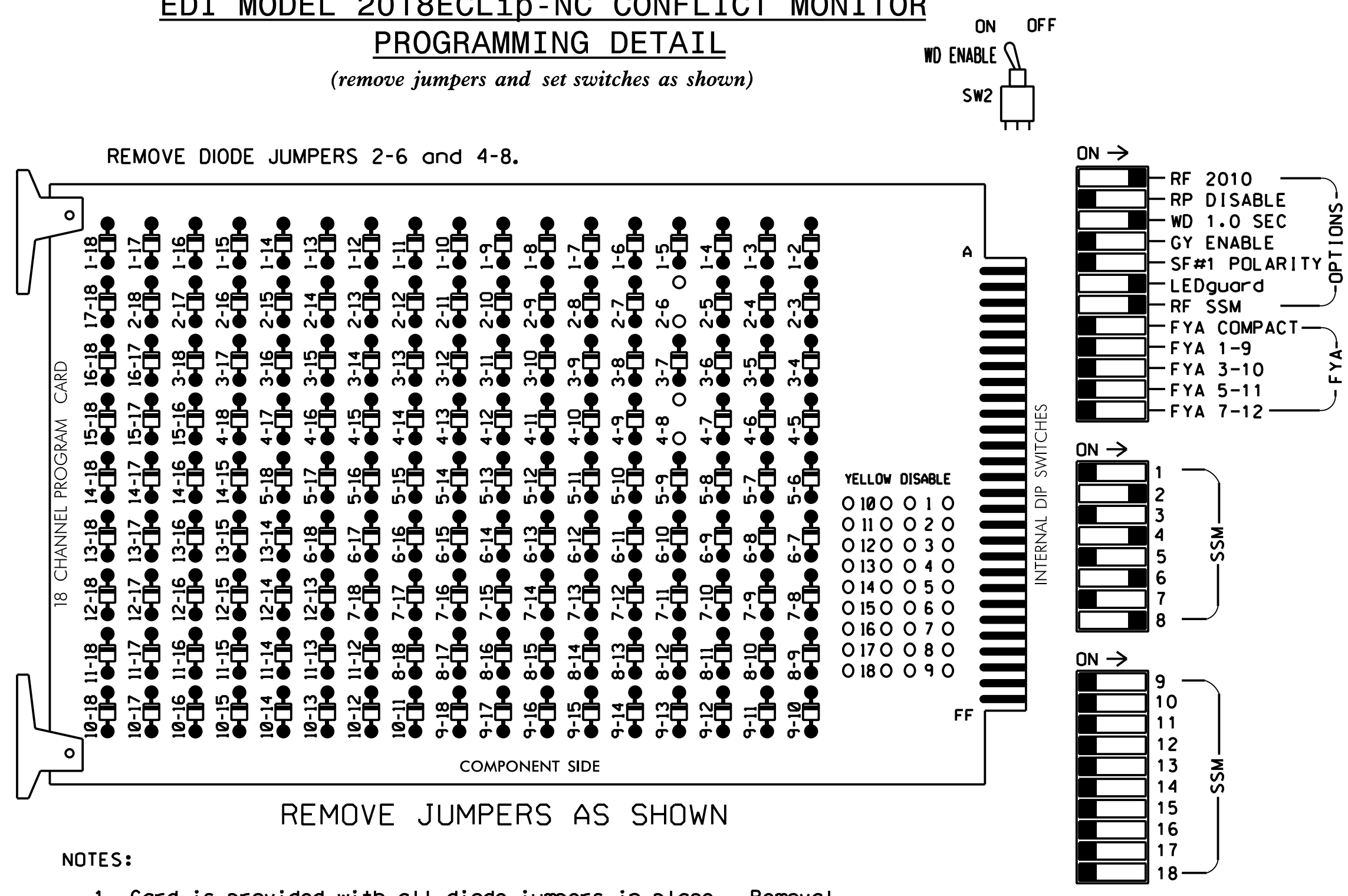


EDI MODEL 2018EClip-NC CONFLICT MONITOR PROGRAMMING DETAIL

(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. Ensure jumpers SEL2-SEL5 and SEL9 are present on the monitor board.
3. Ensure that Red Enable is active at all times during normal operation.

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. Program phases 4 and 8 for Dual Entry.
3. Enable Simultaneous Gap-Out for all Phases.
4. Program phases 2 and 6 for Startup In Green.
5. Program phases 2 and 6 for Yellow Flash.
6. The cabinet and controller are part of the Gilead Road Closed Loop System.

SIGNAL HEAD HOOK-UP CHART

LOAD SWITCH NO.	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	S11	S12	AUX S1	AUX S2	AUX S3	AUX S4	AUX S5	AUX S6
CMU CHANNEL NO.	1	2	13	3	4	14	5	6	15	7	8	16	9	10	17	11	12	18
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.	NU	21,22, 23	24,25, 26,27	NU	NU	41,42, 43	44,45, 46,47	NU	NU	61,62, 63	NU	NU	81,82, 83	NU	NU	NU	NU	NU
RED		128	128		101	101			134			107						
YELLOW		129			102				135			108						
GREEN		130			103				136			109						
RED ARROW																		
YELLOW ARROW			129				102											
GREEN ARROW			130				103											
Hand																		
Person																		

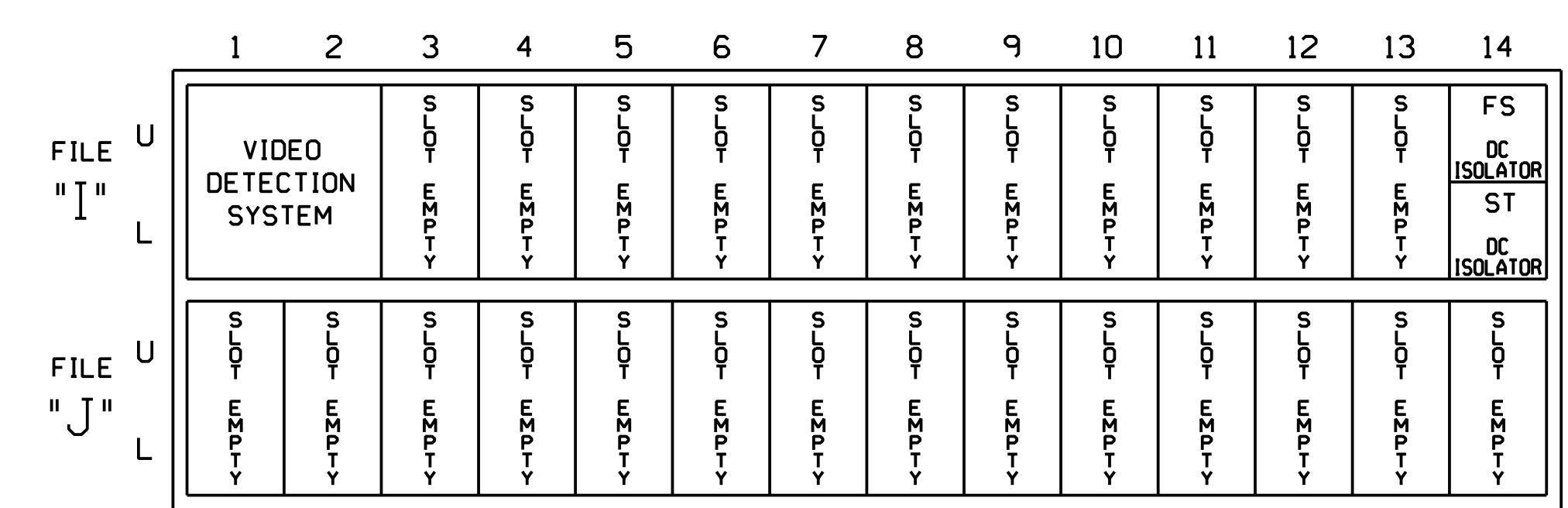
NU = Not Used

EQUIPMENT INFORMATION

CONTROLLER.....2070E
 CABINET.....332 W/ AUX
 SOFTWARE.....ECONOLITE OASIS
 CABINET MOUNT.....BASE
 OUTPUT FILE POSITIONS...18 WITH AUX. OUTPUT FILE
 LOAD SWITCHES USED.....S2,S5,S8,S11
 PHASES USED.....2,4,6,8
 OVERLAPS.....NONE

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: 10-0617T5
 DESIGNED: December 2017
 SEALED: 04-23-2018
 REVISED: N/A

Electrical Detail - Sheet 1 of 1
 Signal Upgrade
 Temporary Design 5

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

	SR 2136 (Gilead Road) at US 21 (Statesville Road)		
	Division 10 Mecklenburg Co. Huntersville	PLAN DATE: December 2017 REVIEWED BY: A.D. Klinksiek PREPARED BY: J.T. Thibault REVIEWED BY: N.R. Simmons	
Prepared in the Office of: 		REVISIONS INIT. DATE	SEAL NORTH CAROLINA PROFESSIONAL ENGINEER NATASHA R. SIMMONS
HNTB NORTH CAROLINA, P.C. 343 E. Six Forks Road, Suite 200 Raleigh, North Carolina 27609 NC license No: C-1554 (919) 546-8997		Documented by: 4/23/2018 SIGNATURE DATE SIG. INVENTORY NO. 10-0617 T5	