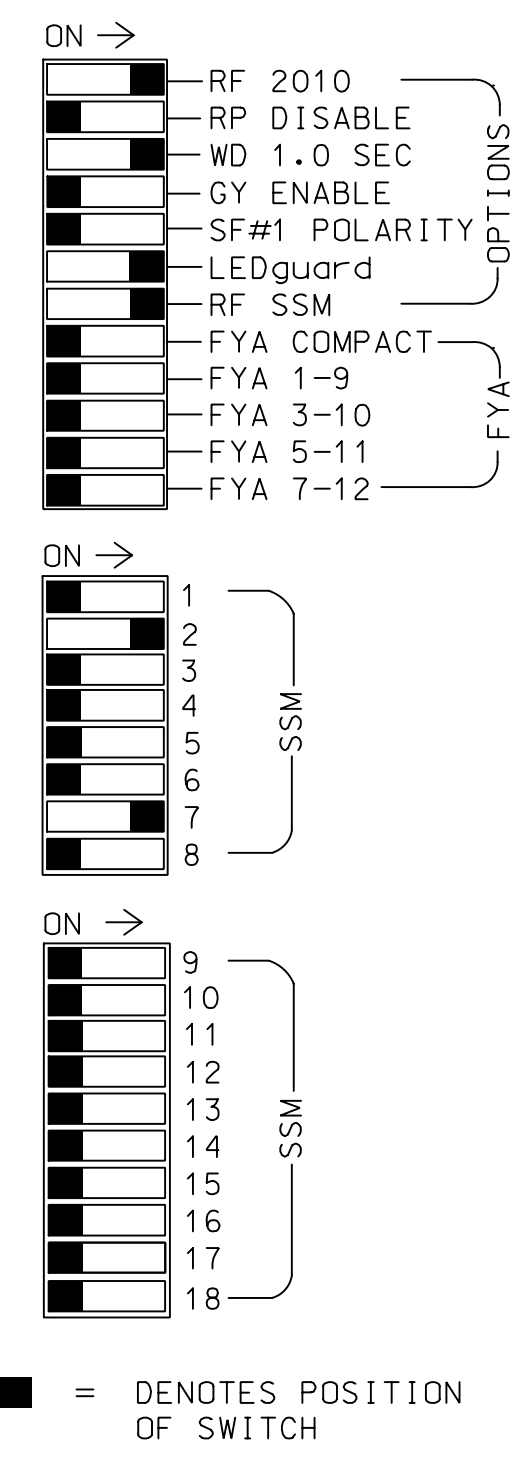
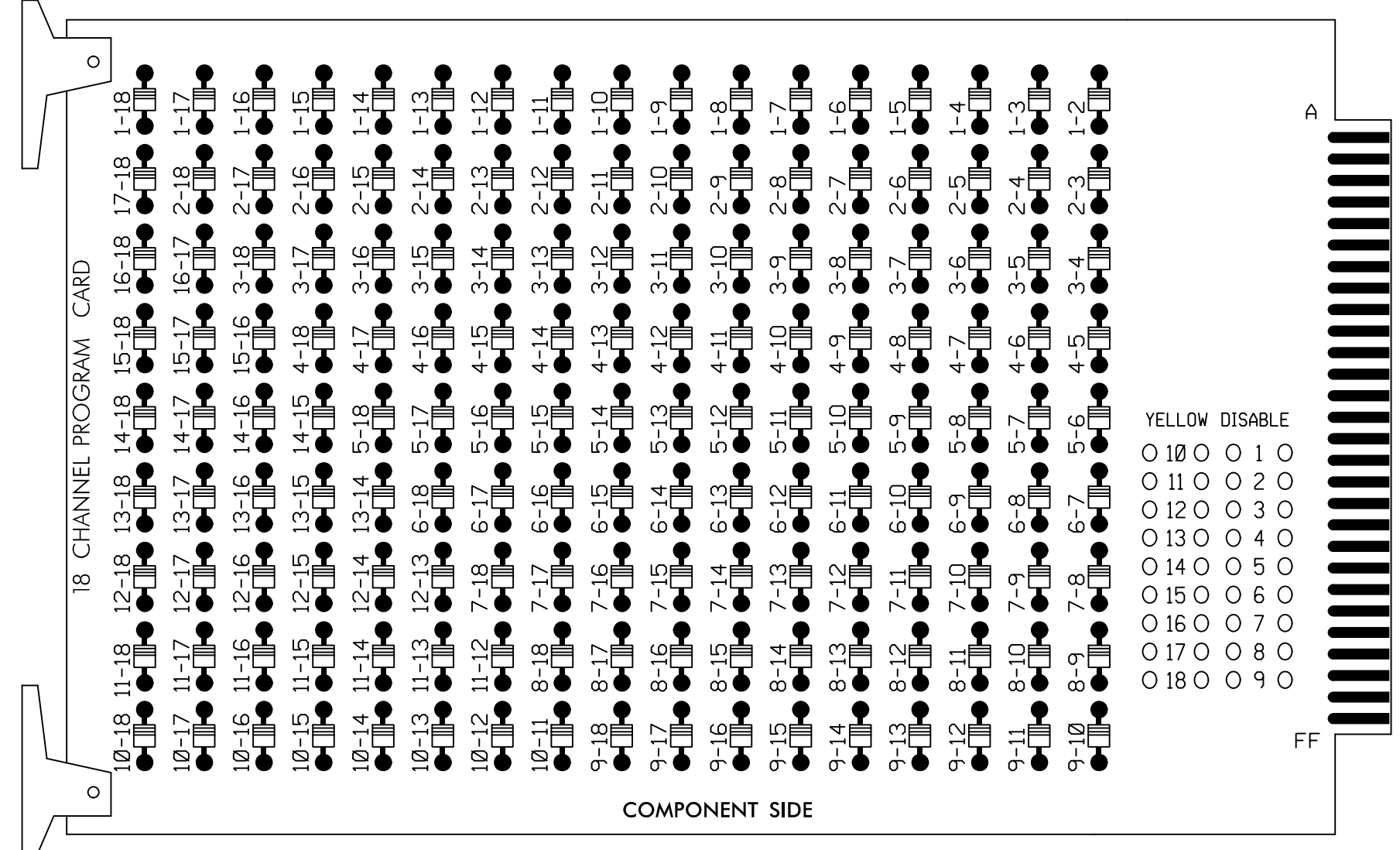


### EDI MODEL 2018ECLip-NC CONFLICT MONITOR PROGRAMMING DETAIL

(set switches as shown)

DO NOT REMOVE ANY JUMPERS.



**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.

**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 phase 2 for Variable Initial and Gap Reduction.
- Program phase 2 for Start Up In Green.
- Program phase 2 for Yellow Flash.
- The cabinet and controller are part of the Gilead Road Closed Loop System.

**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,S10  
 PHASES USED.....2,7  
 OVERLAP "A".....NOT USED  
 OVERLAP "B".....NOT USED  
 OVERLAP "C".....NOT USED  
 OVERLAP "D".....NOT USED

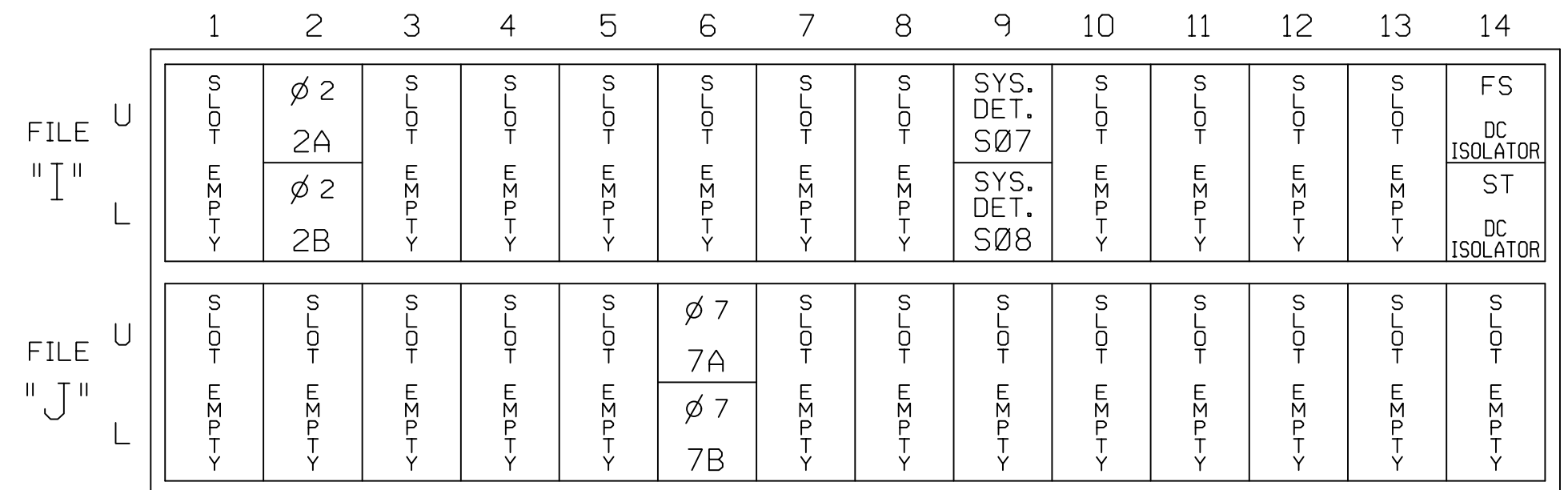
**SIGNAL HEAD HOOK-UP CHART**

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	NU	NU	NU	NU	NU	NU	NU	71,72,73	NU	NU	NU	NU	NU	NU	NU	NU
RED		128																
YELLOW		129																
GREEN		130																
RED ARROW										122								
YELLOW ARROW										123								
GREEN ARROW										124								
Hand icon																		
Person icon																		

NU = Not Used

**INPUT FILE POSITION LAYOUT**

(from view)



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

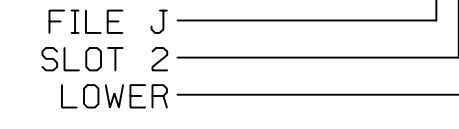
FS = FLASH SENSE  
 ST = STOP TIME

**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	TB2-5,6	I2U	39	1	2	2	Y	Y	-	-	-
2B	TB2-7,8	I2L	43	5	12	2	Y	Y	-	-	-
*S07	TB6-9,10	I9U	60	22	11	SYS	-	-	-	-	-
*S08	TB6-11,12	I9L	62	24	13	SYS	-	-	-	-	-
7A	TB5-9,10	J6U	42	4	8	7	Y	Y	-	-	-
7B	TB5-11,12	J6L	46	8	18	7	Y	Y	-	-	-

\* System detector only. Remove the vehicle phase assigned to this detector in the default programming.

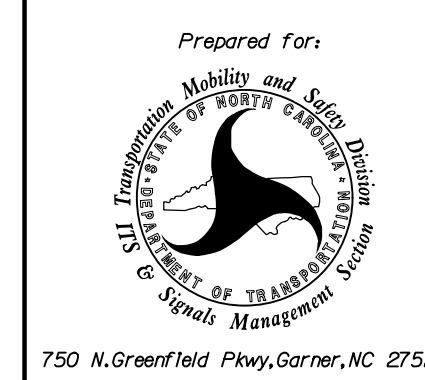
INPUT FILE POSITION LEGEND: J2L



THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 10-2264  
 DESIGNED: NOV 2017  
 SEALED: 4/18/2018  
 REVISED: N/A

**ELECTRICAL DETAIL SHEET**

Prepared for: STV Engineers, Inc.



US 21 (Statesville Road) at U-turn Bulb-out South of SR 2136 (Gilead Road)

Division 10	Mecklenburg	Huntersville
PLAN DATE: November 2017	REVIEWED BY: R. Dubnicka	
PREPARED BY: J. Trueblood	REVIEWED BY: J. Carroll	
REVISIONS	INIT.	DATE

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

SEAL  
 NORTH CAROLINA PROFESSIONAL ENGINEER  
 SEAL 030005  
 JUSTIN T. CARROLL  
 4/18/2018  
 SIGNATURE DATE  
 SIG. INVENTORY NO. 10-2264