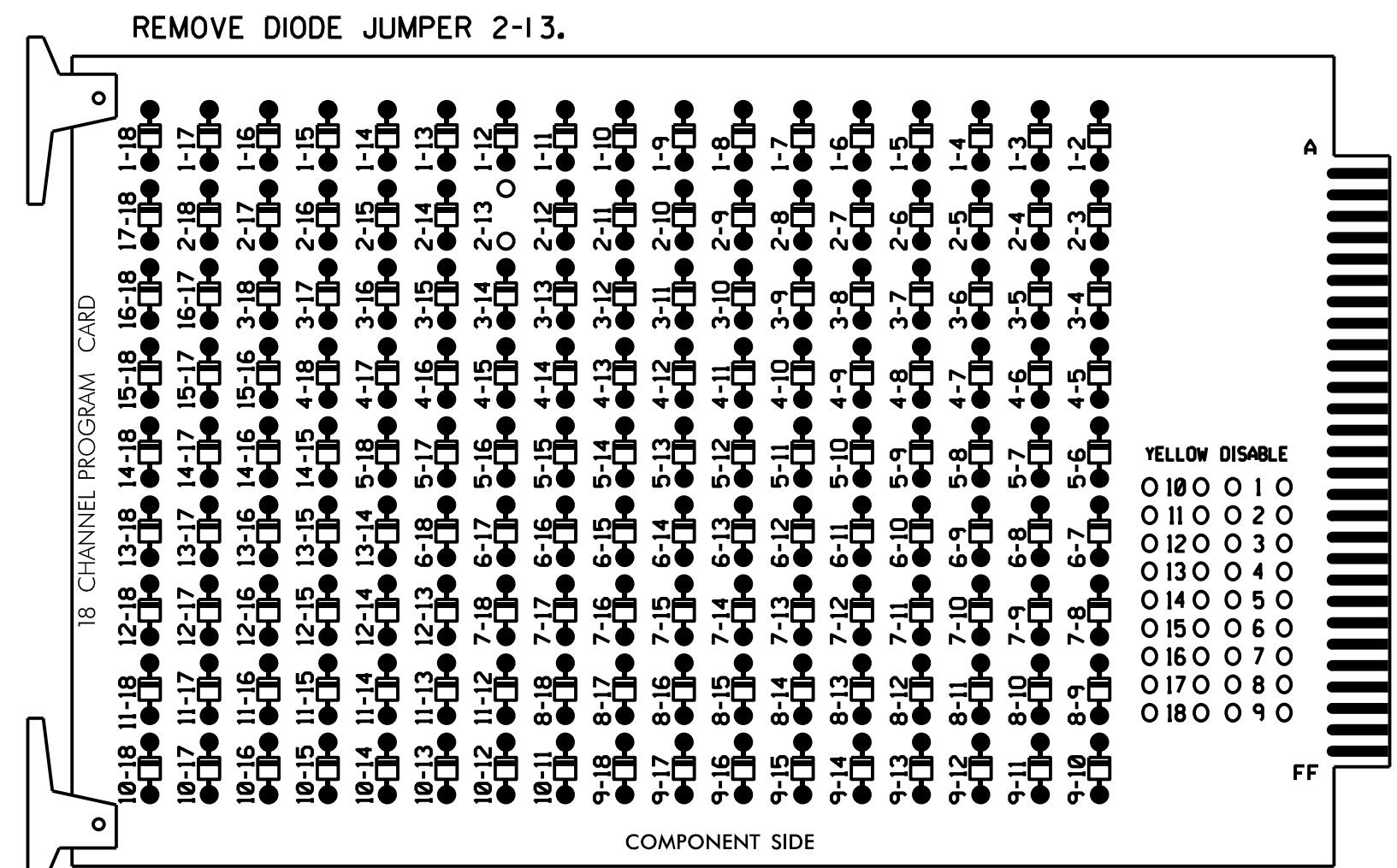


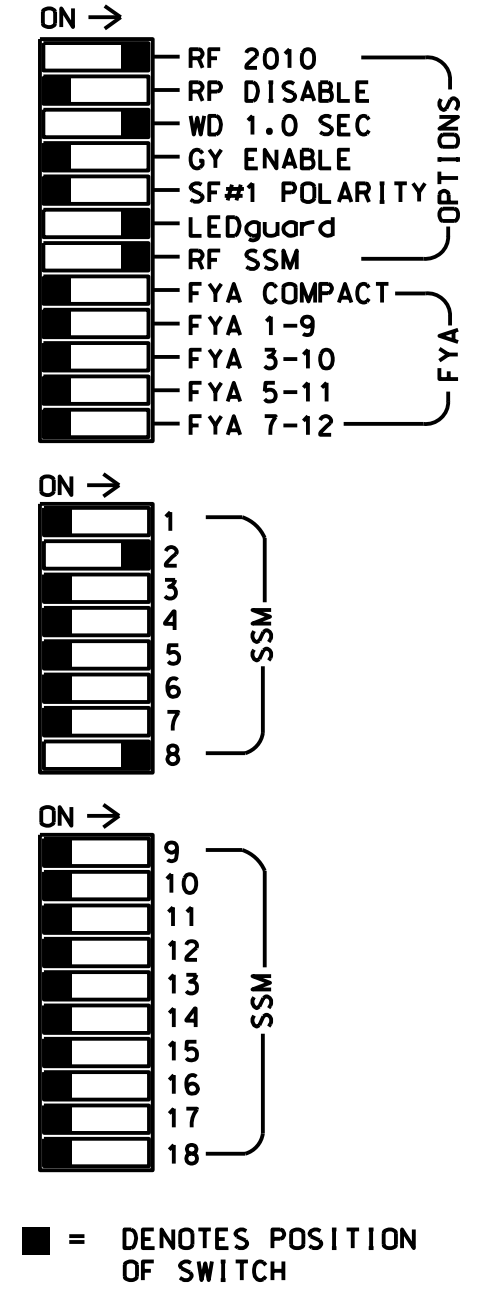
### EDI MODEL 2018ECL-NC CONFLICT MONITOR PROGRAMMING DETAIL

(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 controller to Startup in Phase 2 Red Clear.
- The cabinet and controller are part of the SR 4771 (Reedy Fork Parkway) CLS, Signal System 10727.

**EQUIPMENT INFORMATION**

CONTROLLER.....2070E  
 CABINET.....332  
 SOFTWARE.....ECONOLITE ASC/3-2070  
 CABINET MOUNT.....BASE  
 OUTPUT FILE POSITIONS...12  
 LOAD SWITCHES USED.....S2,S3,S11  
 PHASES USED.....2,2PED,8  
 OVERLAPS.....NONE

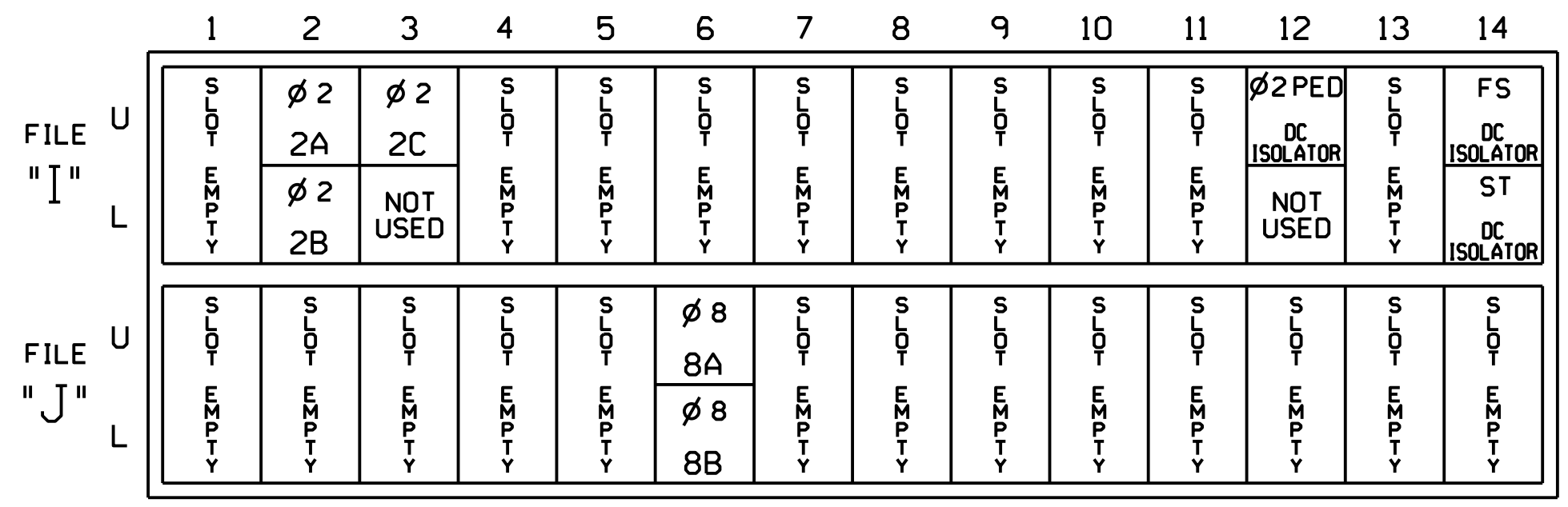
**SIGNAL HEAD HOOK-UP CHART**

LOAD SWITCH NO.	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	S11	S12
CMU CHANNEL NO.	1	2	13	3	4	14	5	6	15	7	8	16
PHASE	1	2	2 PED	3	4	4 PED	5	6	6 PED	7	8	8 PED
SIGNAL HEAD NO.	NU	21,22, 23	24	P21, P22	NU	NU	NU	NU	NU	NU	81,82	83,84
RED		128	128								107	107
YELLOW		129									108	
GREEN												
RED ARROW												
YELLOW ARROW			129								108	
GREEN ARROW		130	130								109	109
Hand												
Walking												

NU = Not Used

**INPUT FILE POSITION LAYOUT**

(front 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.	DETECTOR NO.	NEMA PHASE	CALL	EXTEND TIME	DELAY TIME	ADDED INITIAL	DETECTOR TYPE
2A	TB2-5,6	I2U	39	2	2	YES				S
2B	TB2-7,8	I2L	43	12	2	YES				S
2C	TB2-9,10	I3U	63	32	2	YES				S
8A	TB5-9,10	J6U	42	8	8	YES				S
8B	TB5-11,12	J6L	46	18	8	YES				S
PED PUSH BUTTONS										
P21,P22	TB8-4,6	I12U	67	PED 2	2 PED					

NOTE:  
 INSTALL DC ISOLATOR  
 IN INPUT FILE SLOT  
 I12.

INPUT FILE POSITION LEGEND: J2L  
 FILE J  
 SLOT 2  
 LOWER

**COUNTDOWN PEDESTRIAN SIGNAL OPERATION**

Countdown Ped Signals are required to display timing only during Ped Clearance Interval. Consult Ped Signal Module user's manual for instructions on selecting this feature.

THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 07-0904T2  
 DESIGNED: April 2020  
 SEALED: 04/20/2020  
 REVISED: N/A

Project #: 180914

**DAVENPORT**  
 HOME OFFICE:  
 119 BROOKSTOWN AVENUE, SUITE PH1  
 WINSTON-SALEM, NC 27101  
 336.744.1636 www.davenportworld.com  
 NCBELS FIRM LICENSE NO. C-2522

Electrical Detail - Sheet 1 of 2 Temporary Design 2 (TMP Phase III - Step 5; Phase IV - Steps 1-3)

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

SEAL

SR 4771 (Reedy Fork Parkway) at US 29 Southbound Ramps

Division 7 Guilford County Greensboro

PLAN DATE: April 2020 REVIEWED BY: R. Hinshaw

PREPARED BY: T.S. Warren REVIEWED BY:

REVISIONS

INIT. DATE

04/20/2020

SIG. INVENTORY NO. 07-0904T2