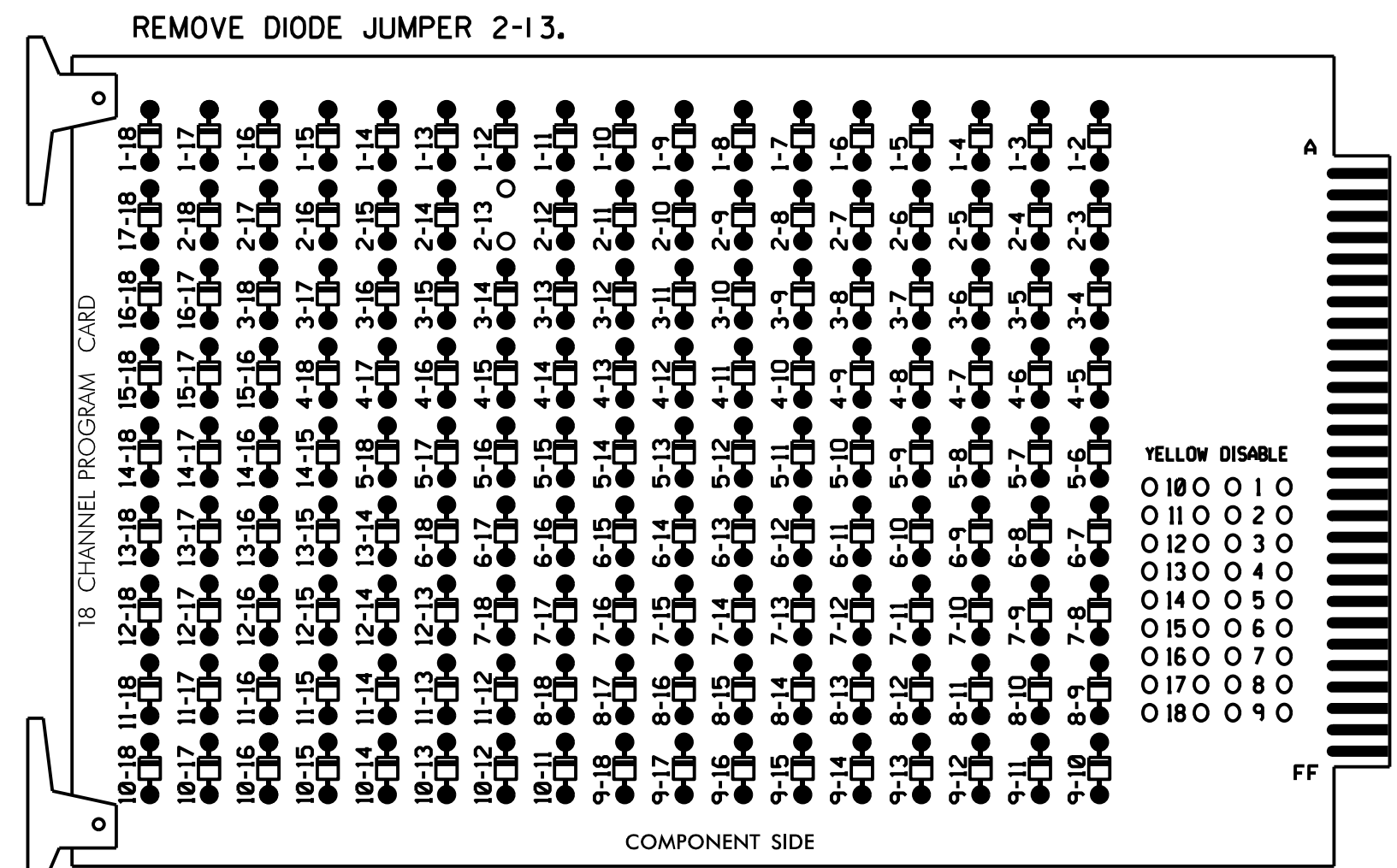
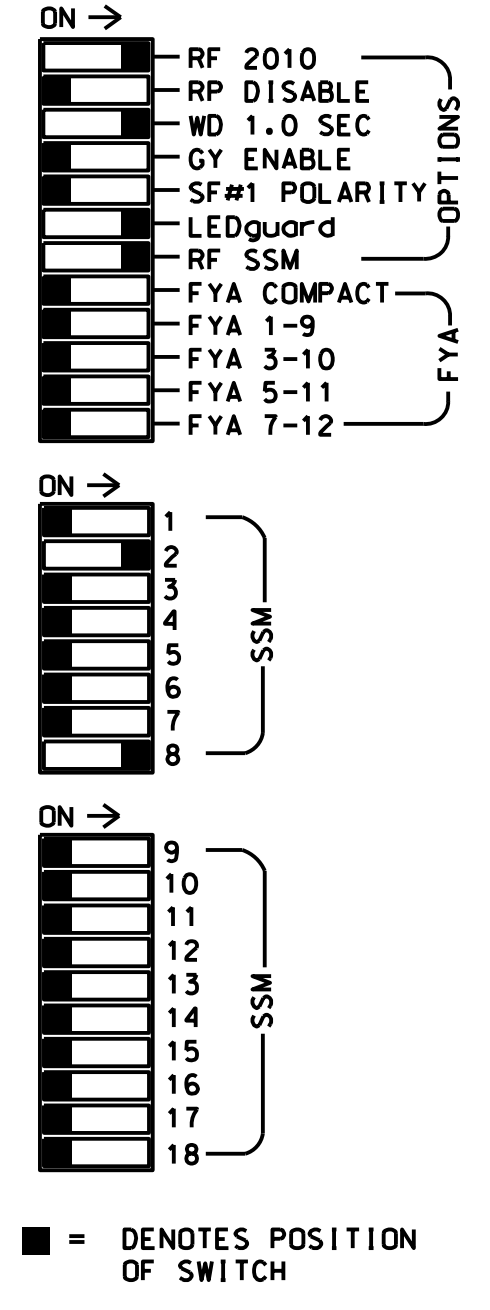
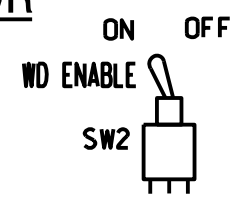


EDI MODEL 2018ECL-NC CONFLICT MONITOR PROGRAMMING DETAIL

(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.
 - Integrate monitor with Ethernet network in cabinet.



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 start up 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
 OVERLAPNONE

PROJECT REFERENCE NO.	SHEET NO.
R-4707	Sig.10.1

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	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 icon				113								
Walking person icon				115								

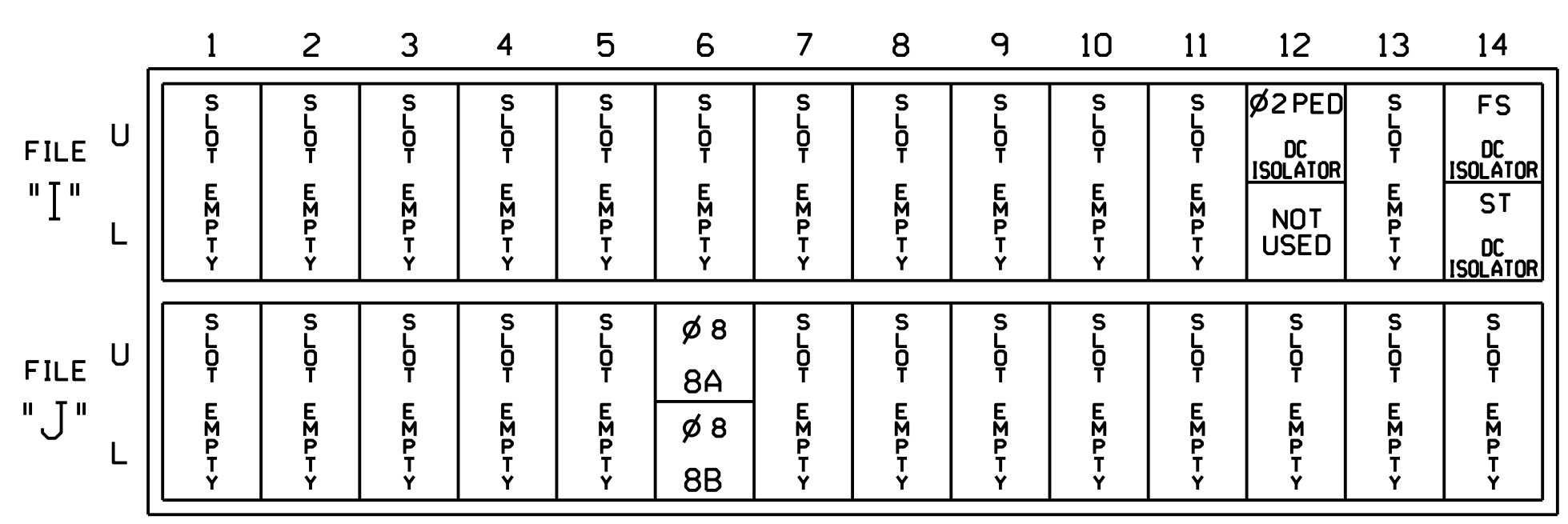
NU = Not Used

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.

INPUT FILE POSITION LAYOUT

(front view)

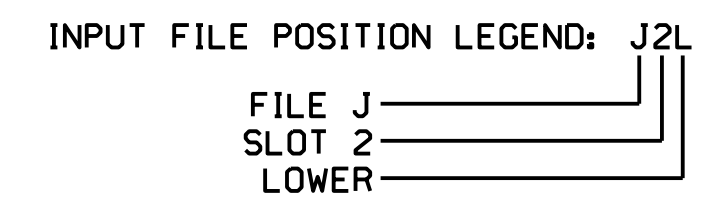


EX.: 1A, 2A, ETC. = LOOP NO.'S
 FS = FLASH SENSE
 ST = STOP TIME

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
8A	T85-9,10	J6U	42	8	8	YES				S
8B	T85-11,12	J6L	46	18	8	YES				S
PED PUSH BUTTONS										
P21,P22	T88-4,6	I12U	67	PED 2	2 PED					

NOTE:
 INSTALL DC ISOLATOR IN INPUT FILE SLOT 112.



SPECIAL DETECTOR NOTE

Install a video detection system for vehicle detection zones 2A and 2B. 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: 07-0904T1
 DESIGNED: April 2020
 SEALED: 04/20/2020
 REVISED: N/A

Project #: 180914

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 NCBELS FIRM LICENSE NO. C-2522

Electrical Detail - Sheet 1 of 2
 Temporary Design 1 (TMP Phase III - Step 4)

ELECTRICAL AND PROGRAMMING DETAILS FOR:		SR 4771 (Reedy Fork Parkway) at US 29 Southbound Ramps	
Division 7 Guilford County Greensboro		Division 7 Guilford County Greensboro	
PLAN DATE: April 2020	REVIEWED BY: R. Hinshaw	PREPARED BY: T.S. Warren	REVIEWED BY: L. Boyer
REVISIONS		INIT.	DATE

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

SEAL

DocuSigned by: L. M. Boyer
 04/20/2020
 DATE

SIG. INVENTORY NO. 07-0904T1