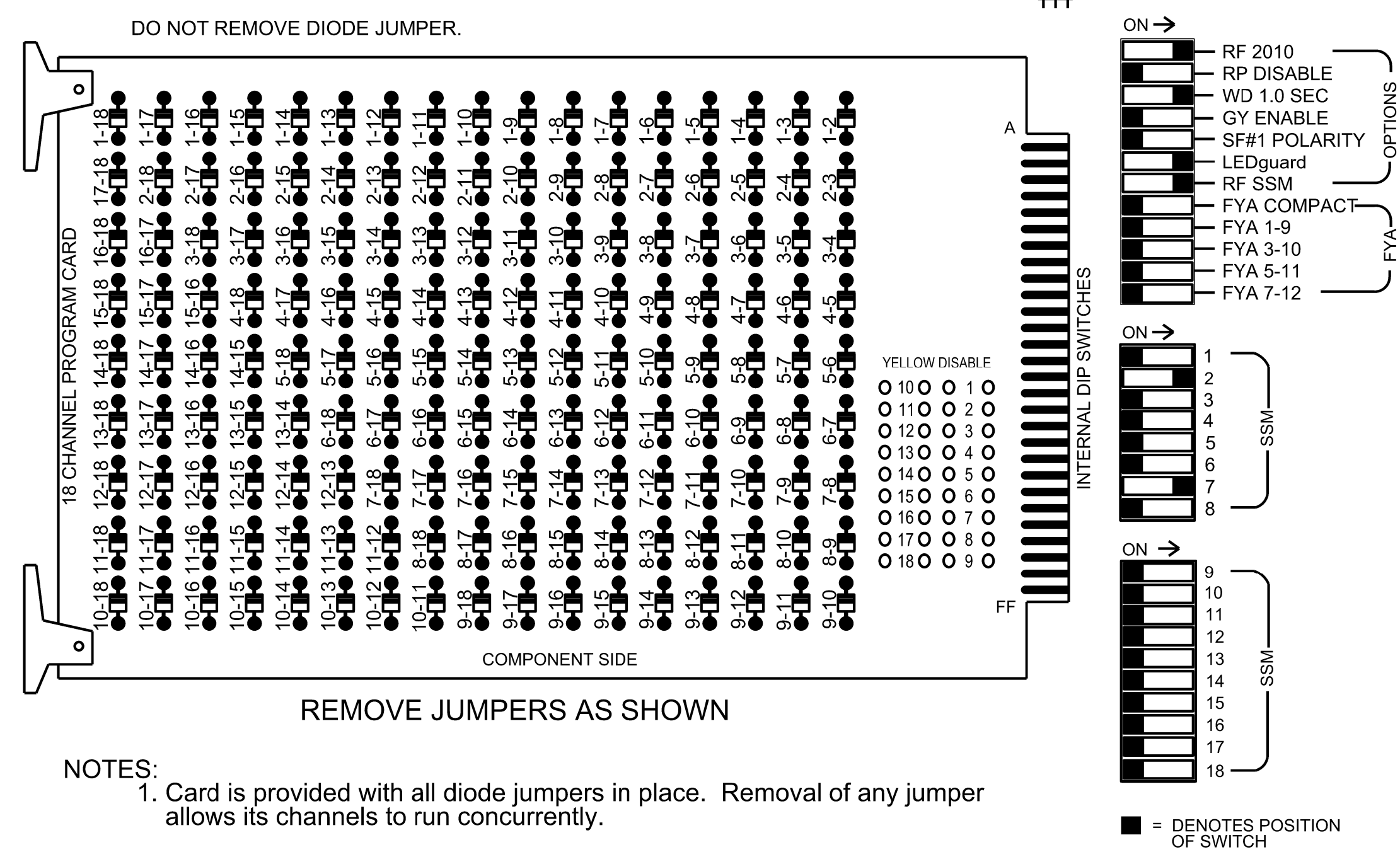


18 CHANNEL IP CONFLICT MONITOR PROGRAMMING DETAIL

(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 the Red Enable is active at all times during normal operation.
 4. Integrate monitor with Ethernet network in cabinet.

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 plan.
2. Program controller to start up in phase 2 Green No Walk.
3. If this signal will be managed by an ATMS software, enable controller and detector logging for all detectors used at this location.
4. The cabinet and controller are part of the US 74 Indian Trail CLS Signal System #11033.

EQUIPMENT INFORMATION

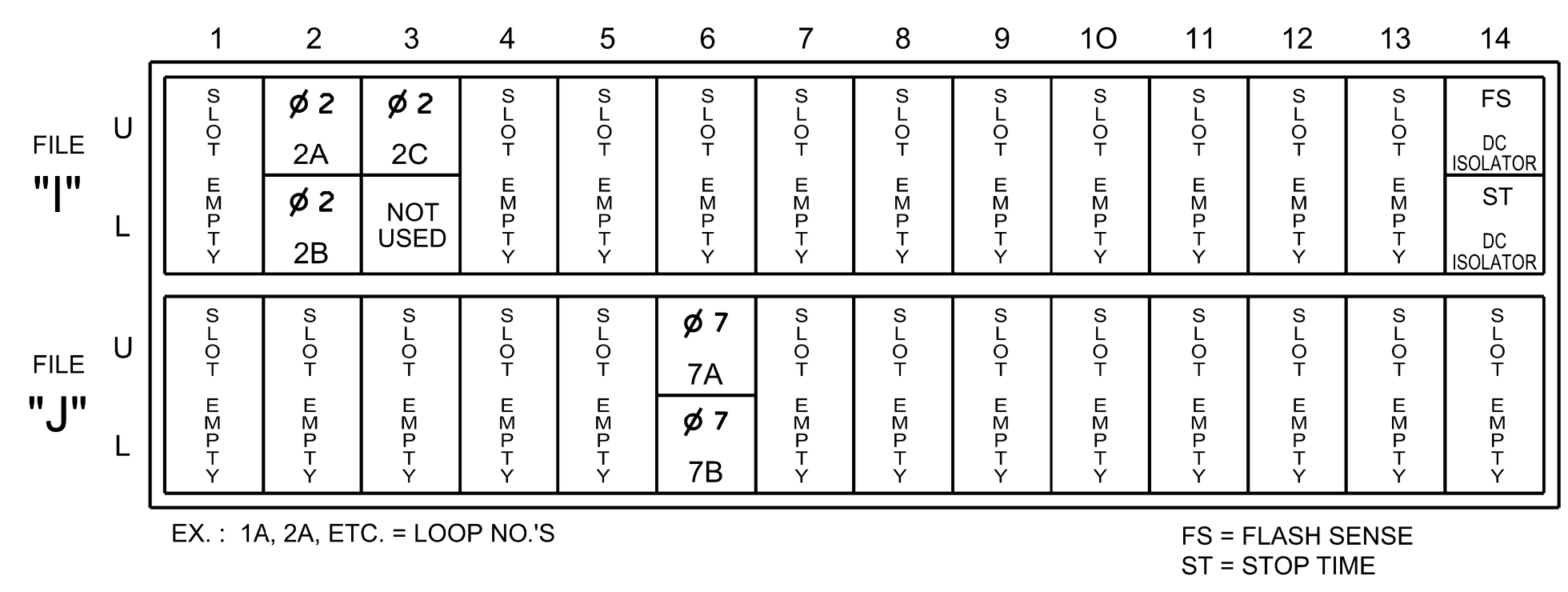
Controller.....2070LX
 Cabinet.....332 w/ Aux
 Software.....Q-Free MAXTIME
 Cabinet Mount.....18 With Aux. Output File
 Load Switches Used.....S2, S10
 Phases Used.....2, 7
 Overlaps.....NONE

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	OL1	OL2	SPARE	OL3	OL4	SPARE
SIGNAL HEAD NO.	NU	21, 22, 23	NU	NU	NU	NU	NU	NU	NU	71, 72	NU	NU	NU	NU	NU	NU	NU	NU
RED		128								122								
YELLOW		129																
GREEN																		
RED ARROW																		
YELLOW ARROW										123								
FLASHING YELLOW ARROW																		
GREEN ARROW		130								124								

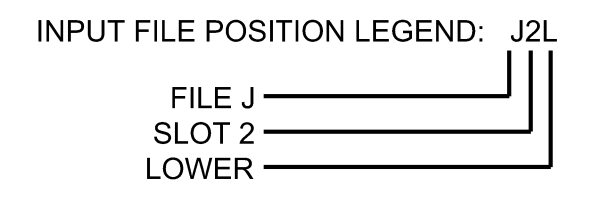
NU = Not Used

INPUT FILE POSITION LAYOUT (front view)



INPUT FILE CONNECTION & PROGRAMMING CHART

LOOP NO.	LOOP TERMINAL	INPUT FILE POS.	PIN NO.	INPUT POINT	DETECTOR NO.	CALL PHASE	DELAY TIME	EXTEND TIME	EXTEND	ADDED INITIAL	CALL	DELAY DURING GREEN
2A	TB2-5,6	I2U	39	1	2	2			X	X	X	
2B	TB2-7,8	I2L	43	5	3	2			X	X	X	
2C	TB2-9,10	I3U	63	29	4	2			X	X	X	
7A	TB5-9,10	J6U	42	4	22	7	15.0		X		X	
7B	TB5-11,12	J6L	46	8	23	7	15.0		X		X	



6/21/2023 8:40:05 AM C:\Users\jcoff\OneDrive\Documents\Sheets\102425_sm.e...2022XXXX.dgn 11:33:48 AM

THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 10-2425
 DESIGNED: June 2023
 SEALED: June 21, 2023
 REVISED: _____



Electrical Detail
New Installation

Electrical and Programming Details For:

Prepared in the Offices of:

750 N. Greenfield Pkwy, Garner, NC 27529

US 74 (Independence Boulevard) at SR 1362 (Chestnut Parkway)

Division 10 Union County Indian Trail

PLAN DATE: June 2023 REVIEWED BY: O. Drobny

PREPARED BY: S. G. Haynie REVIEWED BY:

REVISIONS	INIT.	DATE

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

SEAL

DocuSigned by: Steven G. Haynie/21/2023

SIG. INVENTORY NO. 10-2425