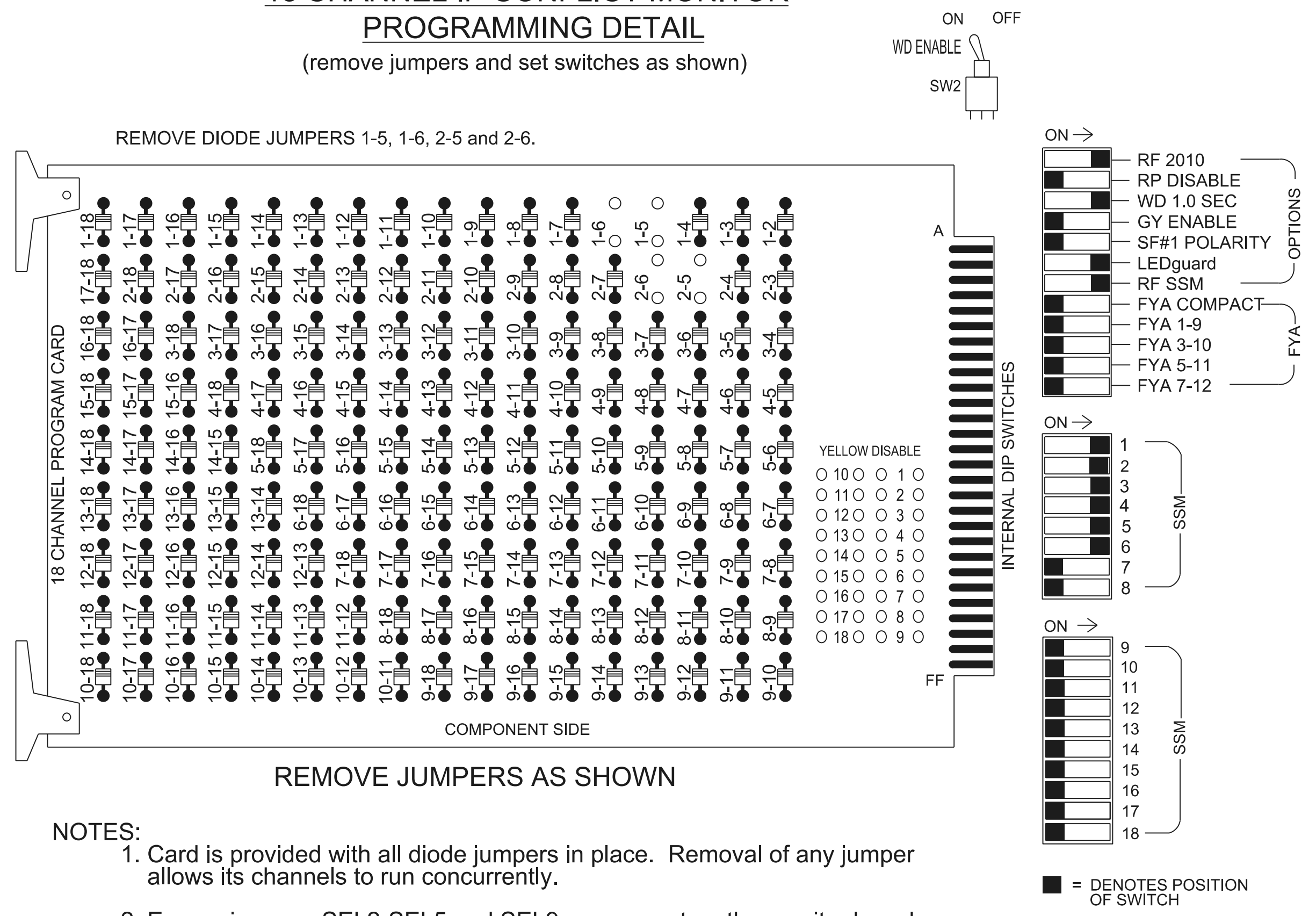


18 CHANNEL IP CONFLICT MONITOR PROGRAMMING DETAIL

(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 the 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 plan.
- Program controller to start up in phase 2 Green No Walk and 6 Green No Walk.
- If this signal will be managed by an ATMS software, enable controller and detector logging for all detectors used at this location.
- The cabinet and controller are part of the D06-03 Hope Mills System.

EQUIPMENT INFORMATION

Controller.....2070LX
 Cabinet.....332
 Software.....Q-Free MAXTIME
 Cabinet Mount.....Base
 Output File Positions.....12
 Load Switches Used.....S1, S2, S4, S5, S7, S8
 Phases Used.....1, 2, 3, 4, 5, 6
 OverlapsNONE

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.	11	21,22	NU	31	32,33	41	42,43	NU	42	51	61,62,63	NU
RED		128		116	116	101	101				134	
YELLOW		129		117	117	102	102				135	
GREEN		130		118	118	103	103				136	
RED ARROW	125									131		
YELLOW ARROW	126								132	132		
GREEN ARROW	127			118		103			133	133		

NU = Not Used

VEHICLE DETECTOR PROGRAMMING FOR ZONE 5B SWITCH PHASE

(program controller as shown)

Front Panel
 Main Menu >Controller >Detector >Veh Det Plans

Web Interface
 Home >Controller >Detector Configuration >Vehicle Detectors

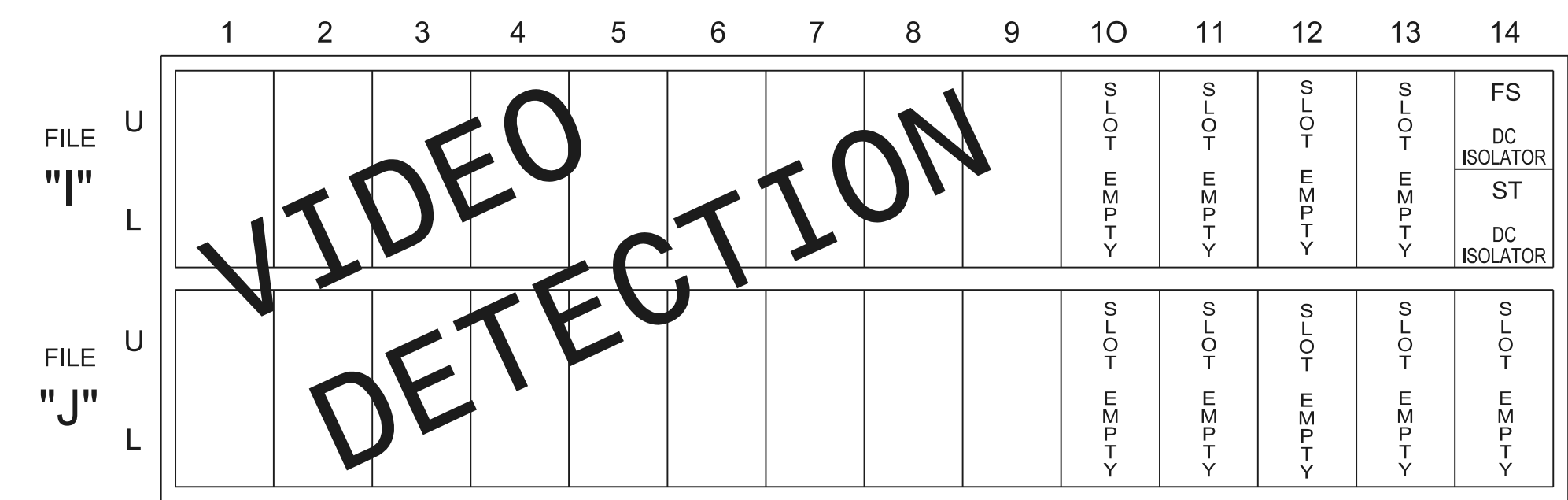
Plan 1

Detector	Call Phase	Call Overlap	Call Ped	Switch Phase	Delay
*	5	-	-	4	15

* Program the detector used for detection zone 5B per this table.

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: 06-0580T2
 DESIGNED: May 2024
 SEALED: 11-12-2024
 REVISED: N/A

Electrical Detail
 Temporary Design 2 (TMP Phase II)

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

ELECTRICAL AND PROGRAMMING DETAILS FOR: Prepared in the Offices of: 750 N. Greenfield Pkwy, Garner, NC 27529	SR 1112 (Rockfish Road) at SR 1115 (Golfview Road)		SEAL SEAL 008453 JOHN T. ROWE, JR. ENGINEER
	Division 6 PLAN DATE: May 2024 PREPARED BY: J.T.Rowe	Cumberland County Hope Mills REVIEWED BY: REVIEWED BY: G.G. Murr, Jr.	

TRANSYSTEMS
 1 Glenwood Avenue
 Raleigh, NC 27603
 Tel:919.789.9977
 Fax:919.789.9591
 License: F-0453