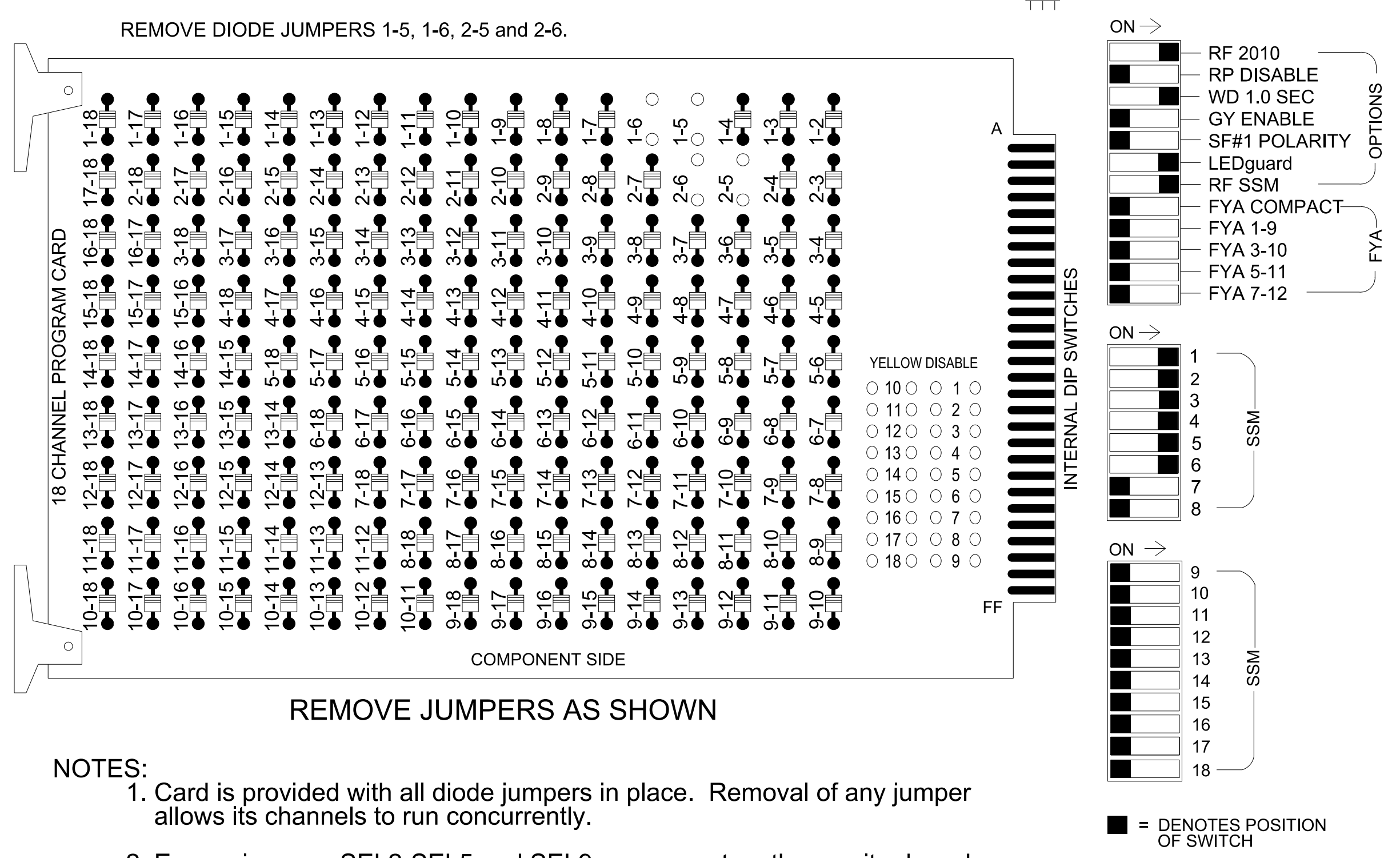


### 18 CHANNEL IP CONFLICT MONITOR PROGRAMMING DETAIL

(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.

### 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	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

### 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  
 Overlaps .....NONE

### 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

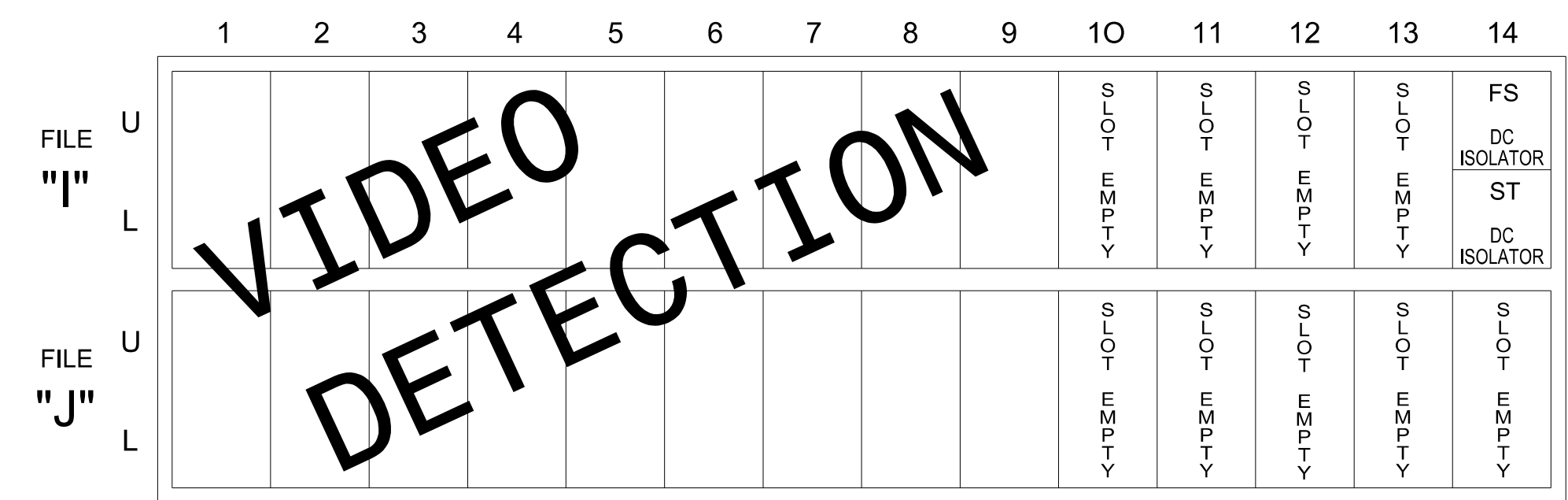
#### Plan 1

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

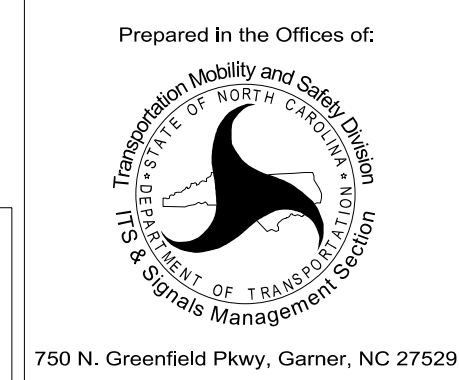
### SPECIAL DETECTOR NOTE

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.

Electrical Detail  
Temporary Design 1 (TMP Phase I)

**DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED**

ELECTRICAL AND PROGRAMMING  
DETAILS FOR:

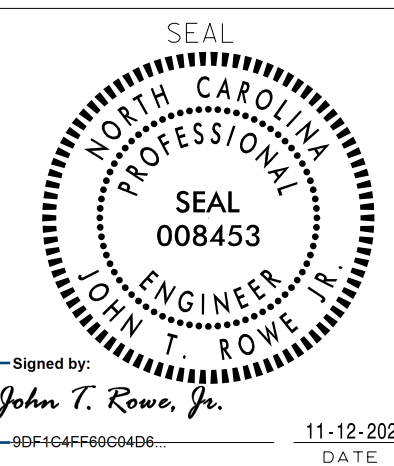


SR 112 (Rockfish Road)  
at  
SR 115 (Golfview Road)

Division 6 Cumberland County Hope Mills

PLAN DATE: May 2024 REVIEWED BY:  
PREPARED BY: J.T.Rowe REVIEWED BY: G.G. Murr, Jr.

REVISIONS INIT. DATE



Signed by: John T. Rowe, Jr.  
DATE: 11-12-2024  
SIG. INVENTORY NO. 06-0580T1

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