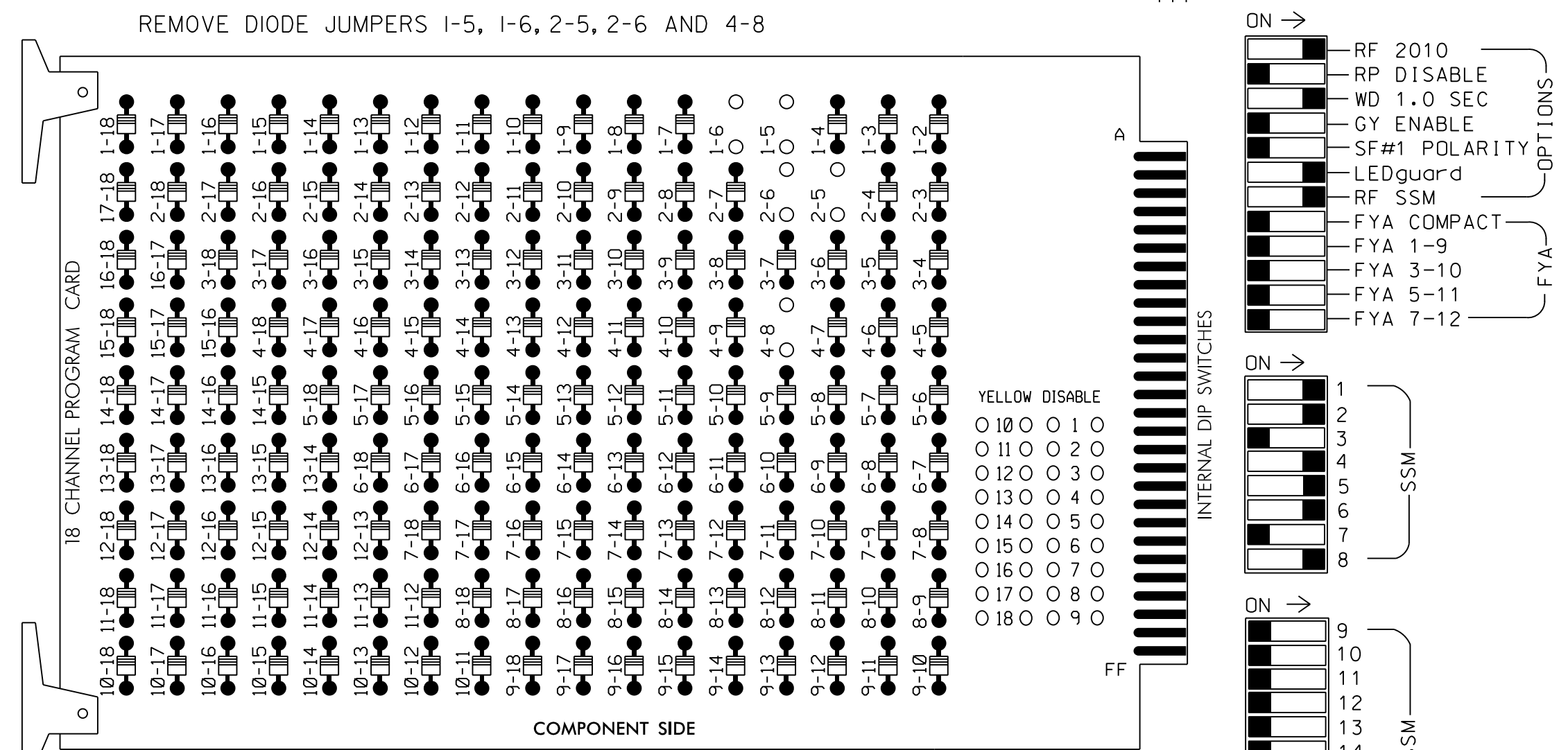


### 18 CHANNEL CONFLICT MONITOR PROGRAMMING DETAIL

(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.

■ = DENOTES POSITION OF SWITCH

### 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.
- Program phases 4 and 8 for Dual Entry.
- Enable Simultaneous Gap-Out for all Phases.
- Program phases 2 and 6 for Variable Initial and Gap Reduction.
- Program phases 2 and 6 for Startup In Green.
- The cabinet and controller are part of the Winston-Salem System.

### EQUIPMENT INFORMATION

CONTROLLER.....2070  
 CABINET.....332 w/ AUX  
 SOFTWARE.....ECONOLITE OASIS  
 CABINET MOUNT.....BASE  
 OUTPUT FILE POSITIONS...18 WITH AUX. OUTPUT FILE  
 LOAD SWITCHES USED.....S1, S2, S5, S7, S8, S11  
 PHASES USED.....1,2,4,5,6,8  
 OVERLAP "A".....NOT USED  
 OVERLAP "B".....NOT USED  
 OVERLAP "C".....NOT USED  
 OVERLAP "D".....NOT USED

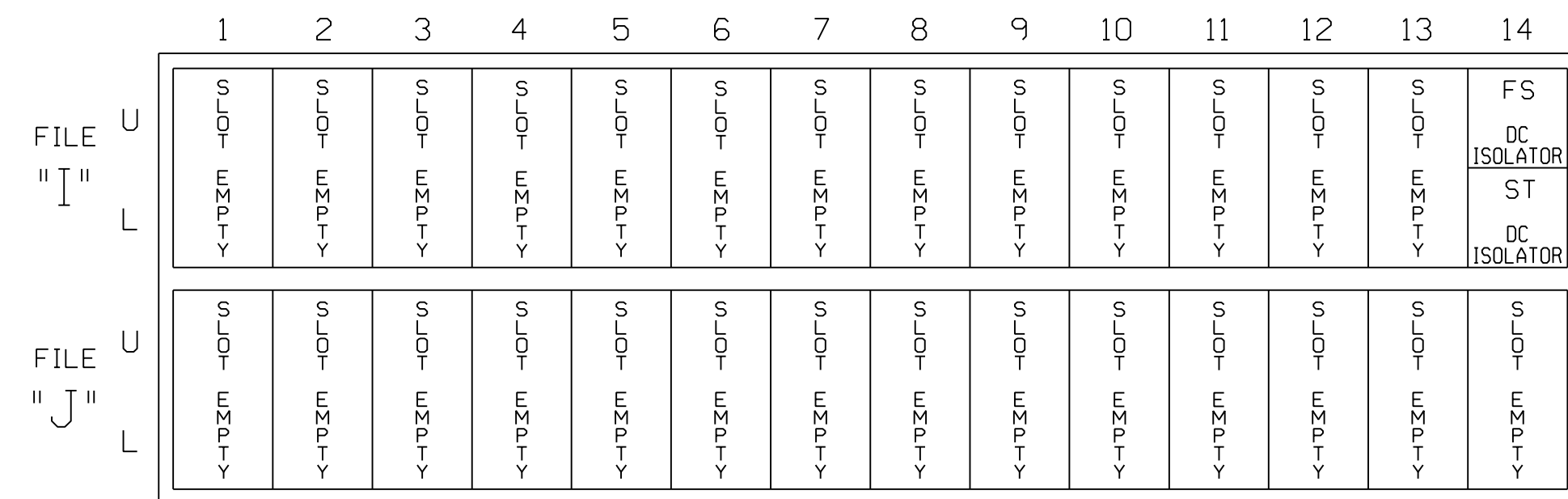
### SIGNAL HEAD HOOK-UP CHART

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	OLA	OLB	SPARE	OLC	OLD	SPARE
SIGNAL HEAD NO.	11	82	21,22	NU	NU	41,42,43	NU	51	61,62	NU	NU	81,82	NU	NU	NU	NU	NU	NU
RED		128			101			134		107								
YELLOW		129			102			135		108								
GREEN		130			103			136		109								
RED ARROW	125							131										
YELLOW ARROW	126	126						132										
GREEN ARROW	127	127						133										

NU = Not Used

### INPUT FILE POSITION LAYOUT

(front view)



### SPECIAL DETECTOR NOTE

Install a video detection system for vehicle detection for zones 1A, 1B, 1C, 2A, 4A, 5A, 6A, 8A. Perform installation according to manufacturer's directions and NCDOT engineer-approved mounting locations to accomplish the detection schemes shown on the Signal Design Plans.

Signal Upgrade - Temporary Design 2  
(TMP Phase I Step 2) Electrical Detail

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

SEAL  
NORTH CAROLINA PROFESSIONAL SEAL 056142  
W. ENGINEER PORTER JONES

US 158 (Reidsville Rd.)  
at  
SR 2662 (Old Greensboro Rd.)

Division 9 Forsyth County Winston-Salem  
PLAN DATE: February 2024 REVIEWED BY: DT Sears  
PREPARED BY: WP Erickson-Jones REVIEWED BY:

REVISIONS INIT. DATE

Porter Jones 2/12/2024  
SIGNATURE DATE  
SIG. INVENTORY NO. 09-0195T2