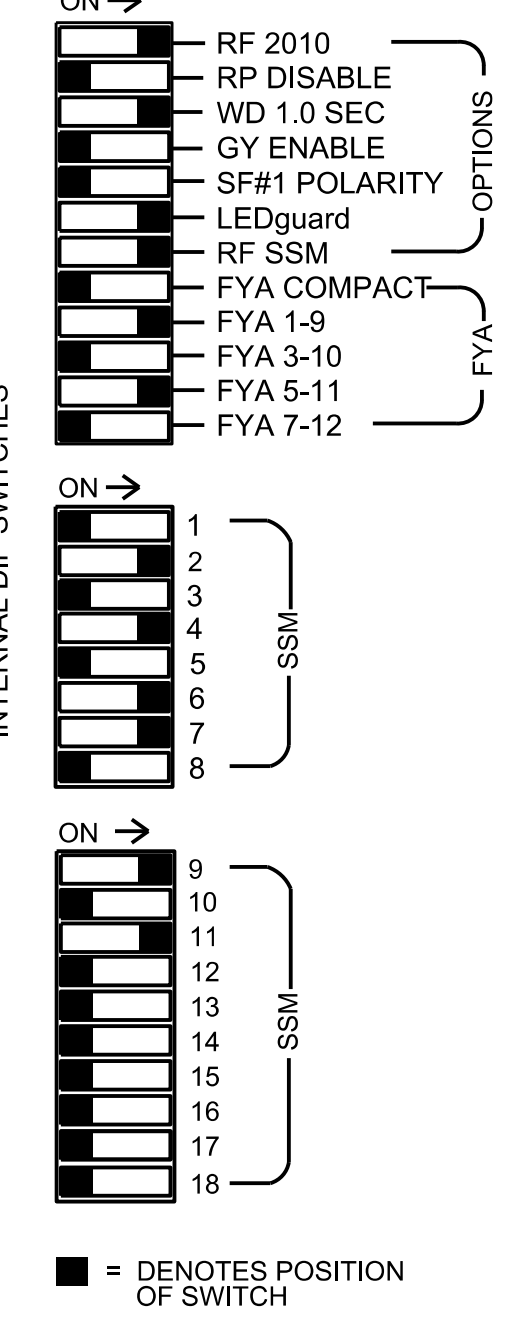
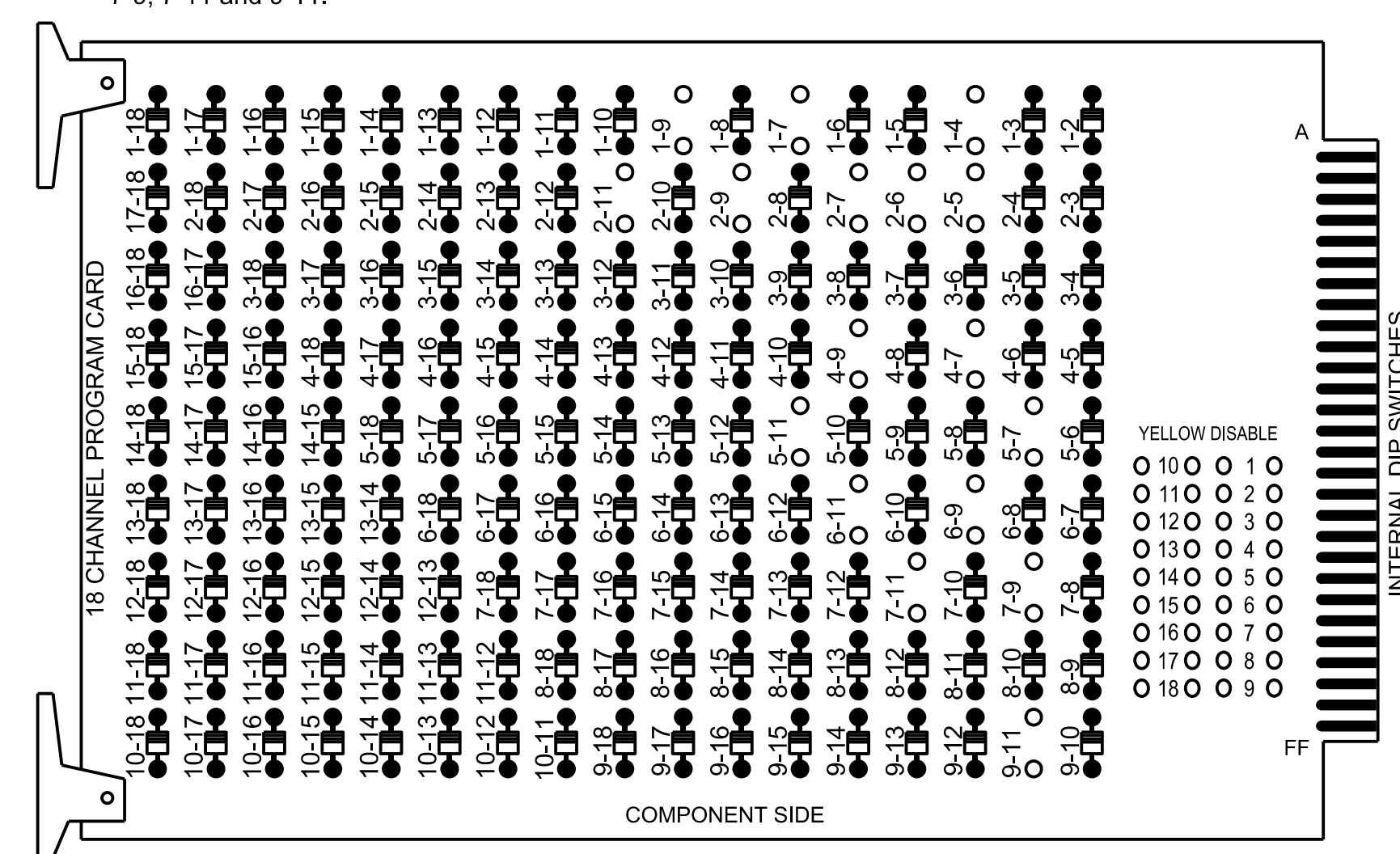


18 CHANNEL IP CONFLICT MONITOR PROGRAMMING DETAIL

(remove jumpers and set switches as shown)

REMOVE DIODE JUMPERS 1-4, 1-7, 1-9, 2-5, 2-6, 2-7, 2-9, 2-11, 4-7, 4-9, 5-7, 5-11, 6-9, 6-11, 7-9, 7-11 and 9-11.



REMOVE JUMPERS 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 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 Salisbury Street Closed Loop System.

EQUIPMENT INFORMATION

Controller.....2070LX
 Cabinet.....332 w/ Aux
 Software.....Q-Free MAXTIME
 Cabinet Mount.....Base
 Output File Positions.....18 With Aux. Output File
 Load Switches Used.....S1, S2,S5, S7, S8, S10, AUX S1, AUX S4
 Phases Used.....2, 4, 5, 6,
 Overlap "1".....*
 Overlap "2".....NOT USED
 Overlap "3".....*
 Overlap "4".....NOT USED
 Overlap "5".....NOT USED
 Overlap "6".....NOT USED
 Overlap "7".....*
 Overlap "8".....*

*See overlap programming detail on sheet 2

SIGNAL HEAD HOOK-UP CHART

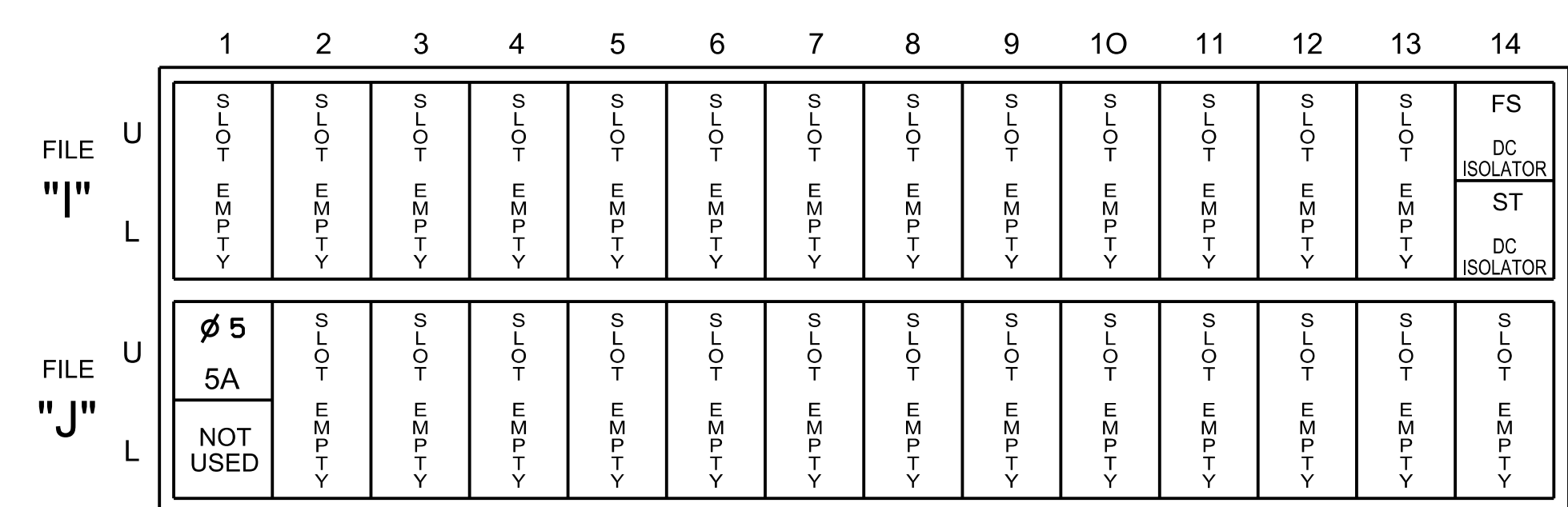
LOAD SWITCH NO.	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	S11	S12	AUX S1	AUX S2	AUX S3	AUX S4	AUX S5	AUX S6
CMU CHANNEL NO.	1	2	13	3	4	14	5	6	15	7	8	16	9	10	17	11	12	18
PHASE	OL7	2	2 PED	3	4	4 PED	5	6	6 PED	OL8	8	8 PED	OL1	OL2	SPARE	OL3	OL4	SPARE
SIGNAL HEAD NO.	63	21,22,23	NU	NU	41,43	44	NU	51	61,62	NU	42	NU	63	NU	NU	51	NU	NU
RED		128				101			134		122		A121					
YELLOW	*	129				102		*	135									
GREEN		130				103			136									
RED ARROW						101												A114
YELLOW ARROW						102				123			A122					A115
FLASHING YELLOW ARROW													A123					A116
GREEN ARROW	127					103		133		124								
Hand icon																		
Walking person icon																		

NU = Not Used

- * Denotes install load resistor. See load resistor installation detail this sheet.
- * See pictorial of head wiring in detail this sheet.

INPUT FILE POSITION LAYOUT

(front view)



EX.: 1A, 2A, ETC. = LOOP NO.'S

FS = FLASH SENSE
 ST = STOP TIME

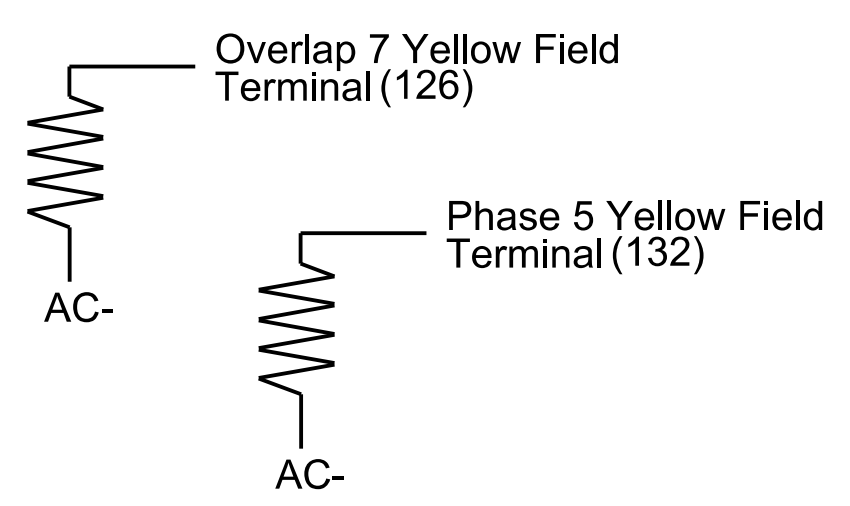
SPECIAL DETECTOR NOTE

- Install a video detection system for zones 2A, 5B, 6A and 4A. Perform installation according to manufacturer's recommendations and NCDOT engineer-approved mounting location(s) to accomplish the detection schemes shown on the Signal Design Plans.
- For Detection Zone 5A, detector card placement is typical for NCDOT installation.

LOAD RESISTOR INSTALLATION DETAIL

(install resistors as shown)

ACCEPTABLE VALUES	
Value (ohms)	Wattage
1.5K - 1.9K	25W (min)
2.0K - 3.0K	10W (min)



THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 08-0662T2
 DESIGNED: February 2026
 SEALED: March 11, 2026
 REVISED: N/A

ELECTRICAL AND PROGRAMMING DETAILS FOR:
 Prepared for the Offices of:

 750 N. Greenfield Pkwy, Corner, NC 27529

NC 42 (E. Salisbury St)
 at
 SR 2237 (E. Salisbury St)
 Division 8 Randolph County Asheboro
 PLAN DATE: February 2026 REVIEWED BY: LD STOUCHKO
 PREPARED BY: S O'Farrell REVIEWED BY:

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

11-Mar-2026

Electrical Detail - Sheet 1 of 2