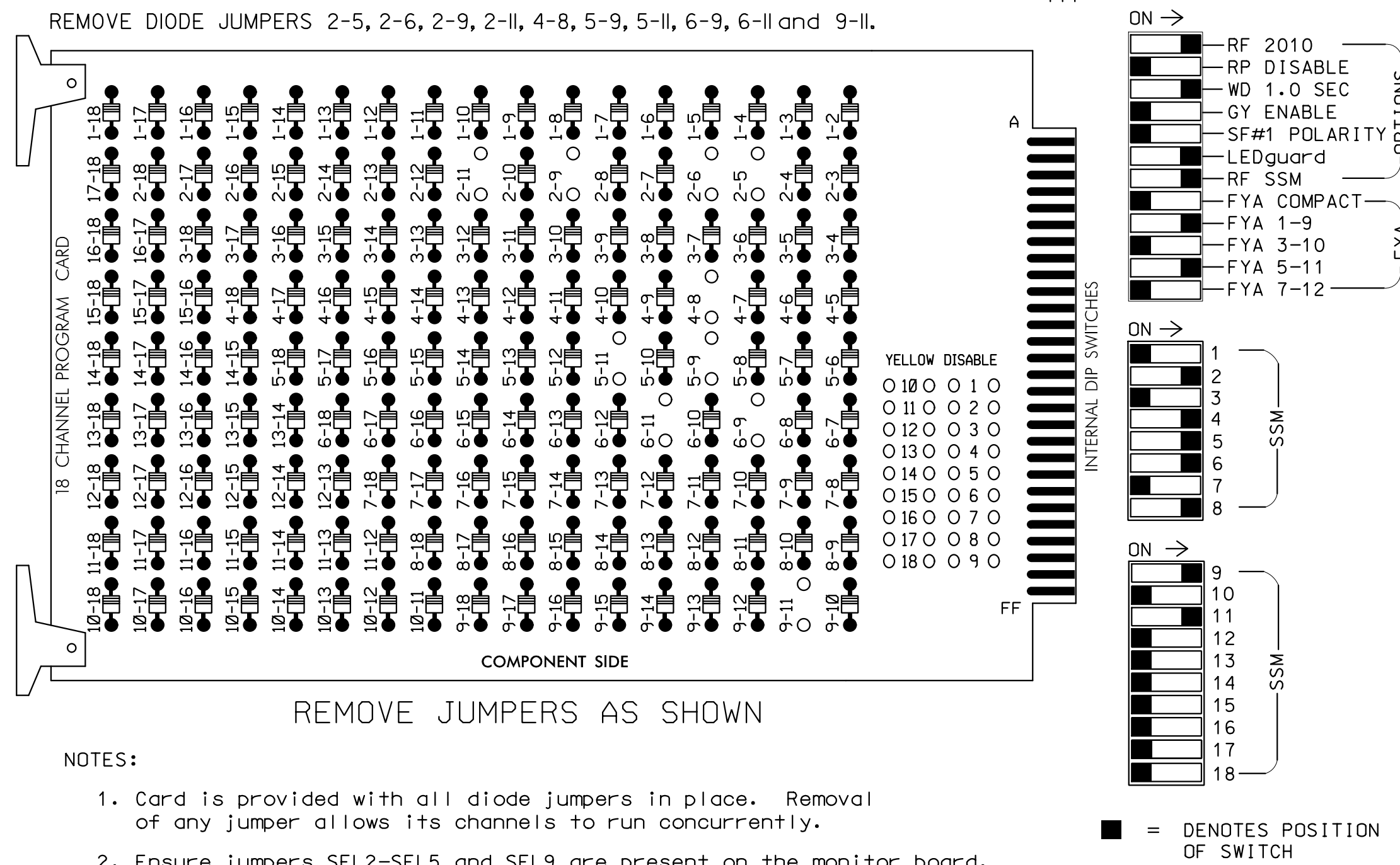


EDI MODEL 2018ECL-NC CONFLICT MONITOR PROGRAMMING DETAIL

(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 Red Enable is active at all times during normal operation. 4. Connect serial cable from conflict monitor to comm. port 1 of 2070 controller. Ensure conflict monitor communicates with 2070.

- 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 Plans. 2. Program phases 4 and 8 for Dual Entry. 3. Enable Simultaneous Gap-Out for all Phases. 4. Program phases 2 and 6 for Variable Initial and Gap Reduction. 5. Program phases 2 and 6 for Startup In Green. 6. Program phases 2 and 6 for Yellow Flash, and overlap 1 as Wag Overlap. 7. If this signal will be managed by an ATMS software, enable controller and detector logging for all detectors used at this location. 8. The cabinet and controller are part of the Salisbury Signal 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.....S2,S5,S7,S8,S11,AUX S1,AUX S4 PHASES USED.....2,4,5,6,8 OVERLAP "A".....2 OVERLAP "B".....NOT USED OVERLAP "C".....5+6 OVERLAP "D".....NOT USED

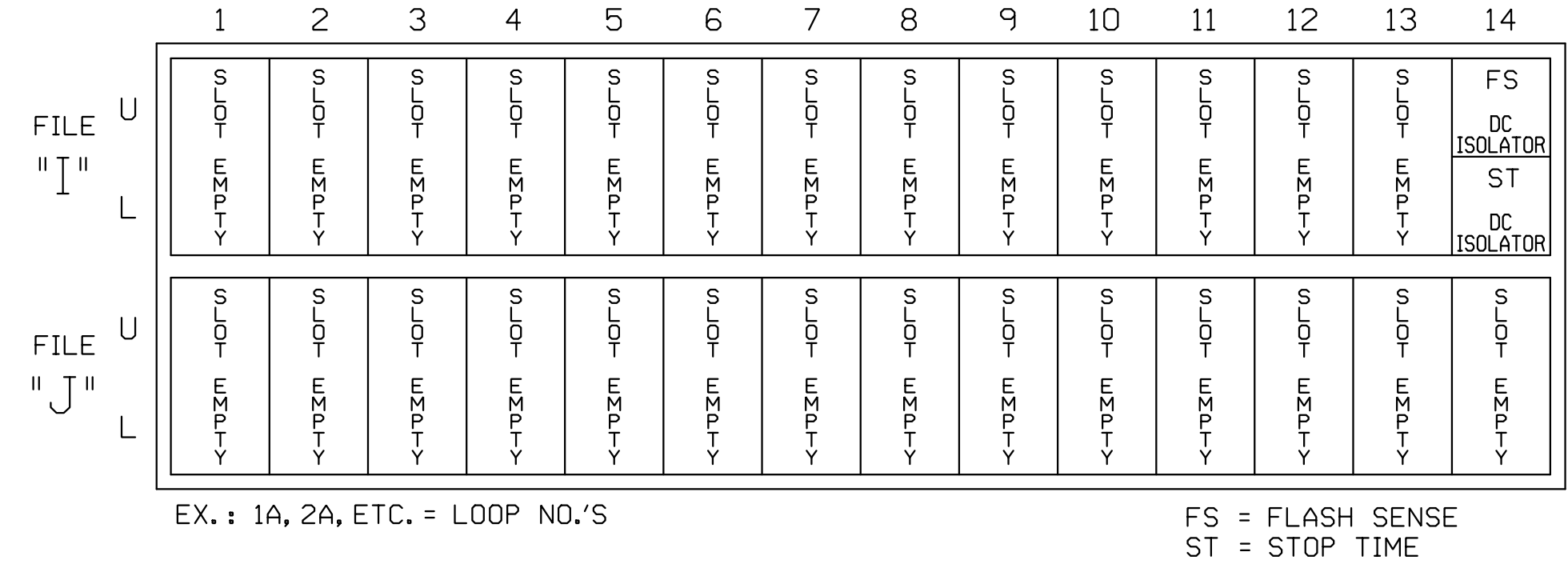
SIGNAL HEAD HOOK-UP CHART

Table with columns for Load Switch No., S1-S12, AUX S1-S6, and Signal Head No. (RED, YELLOW, GREEN, RED ARROW, YELLOW ARROW, FLASHING YELLOW ARROW, GREEN ARROW).

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

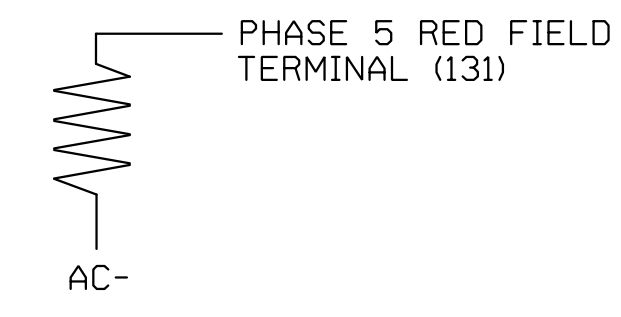
(front view)



LOAD RESISTOR INSTALLATION DETAIL

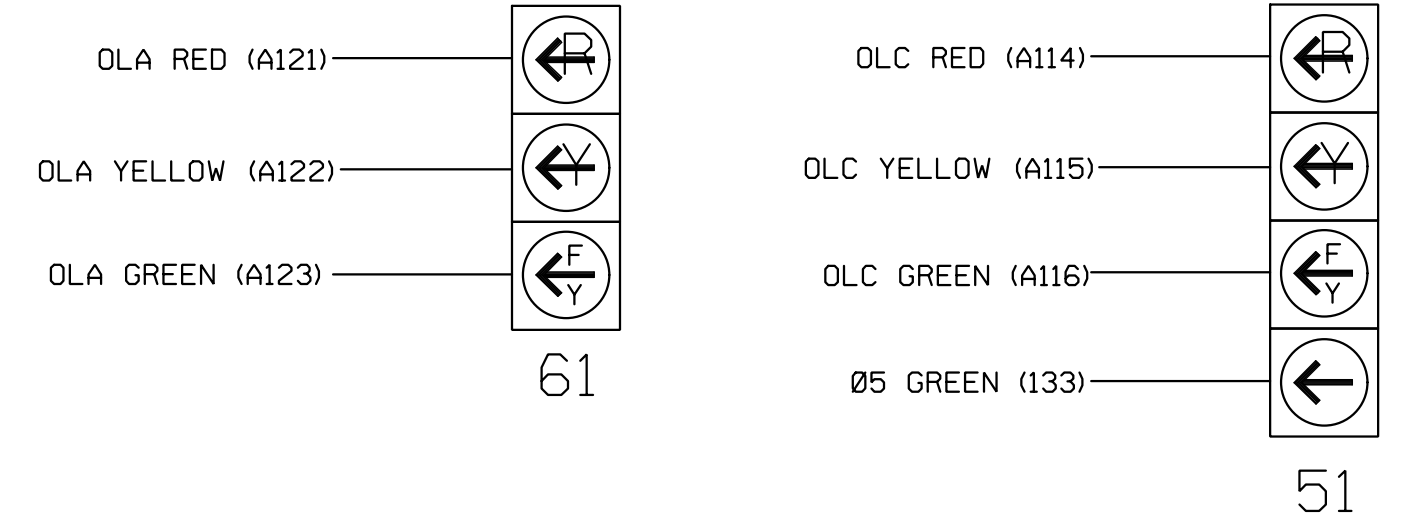
(install resistor as shown below)

ACCEPTABLE VALUES table with columns for VALUE (ohms) and WATTAGE, listing 1.5K-1.9K 25W and 2.0K-3.0K 10W.



FYA SIGNAL WIRING DETAIL

(wire signal heads as shown)



- NOTE: 1. The sequence display for signal head 51 requires special logic programming. See sheet 2 for programming instructions.

VIDEO 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: 09-0992T DESIGNED: NOVEMBER 2021 SEALED: 12/3/2021 REVISED: N/A

Temporary Design Electrical Detail - Sheet 1 of 2

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

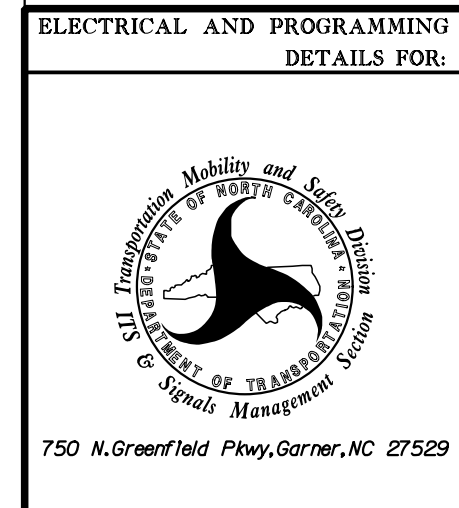
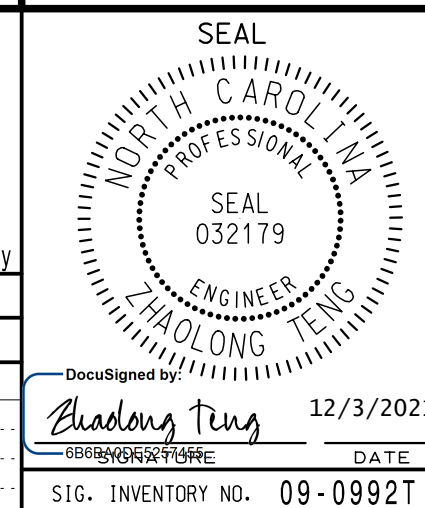


Table with columns for REVISIONS, INIT., and DATE, and a section for ELECTRICAL AND PROGRAMMING DETAILS FOR SR 2528 (Julian Rd) at I-85/US 601 NB Ramps and SR 2761 (Truck Ave).



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