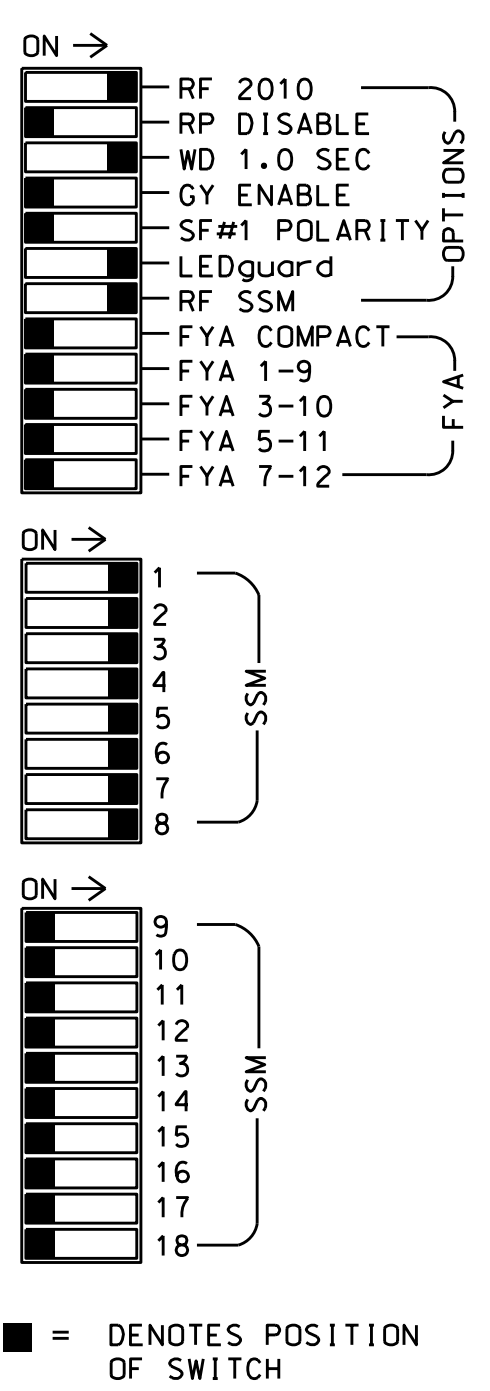
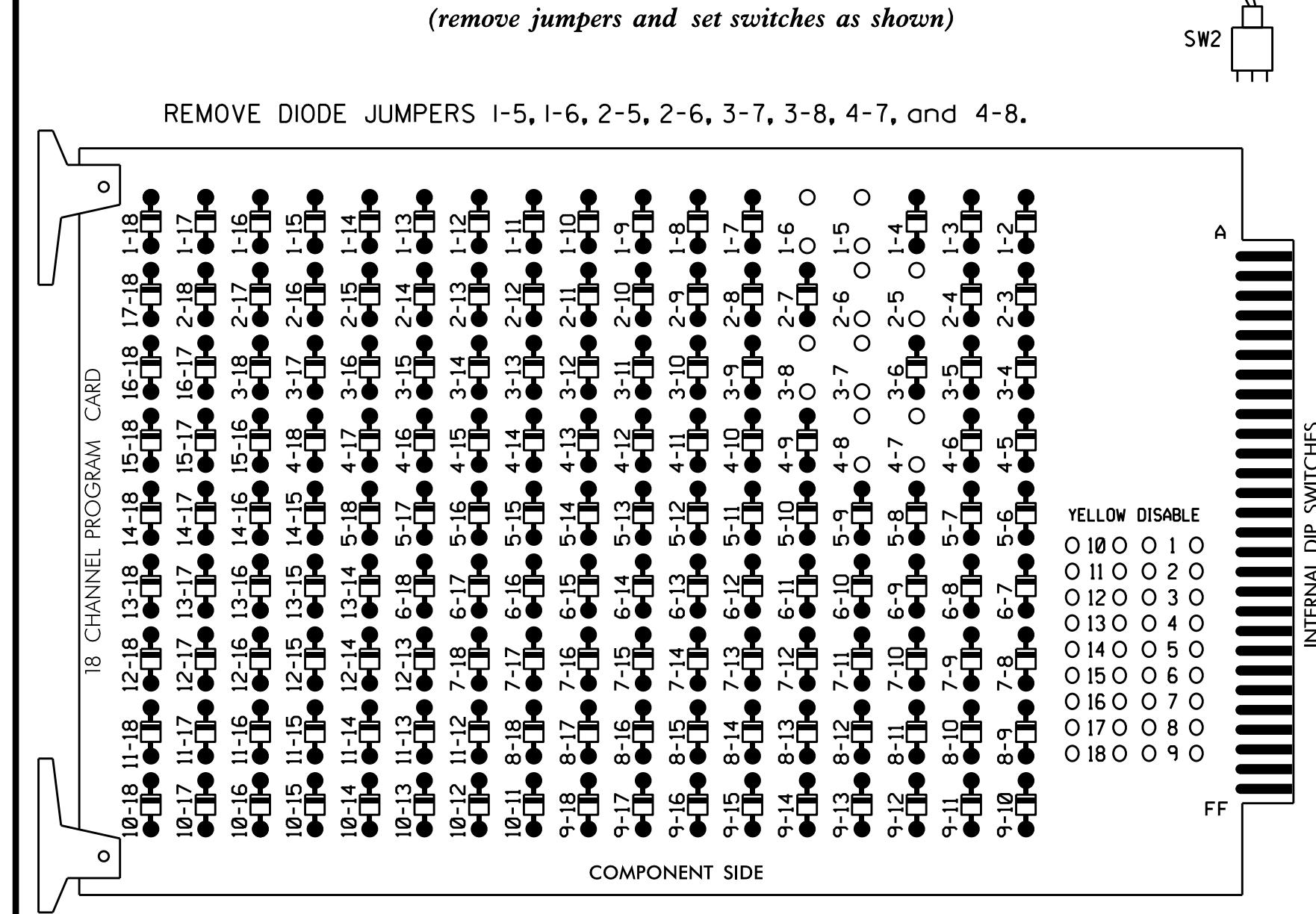


**EDI MODEL 2018ECL-NC CONFLICT MONITOR PROGRAMMING DETAIL**  
(remove jumpers and set switches as shown)



- 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.

**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.
- Enable Simultaneous Gap-Out for all phases.
- Program phases 2 and 6 for Variable Initial and Gap Reduction.
- Program phases 2 and 6 for Start Up In Green.
- Program phases 2 and 6 for Yellow Flash.
- The cabinet and controller are part of the NC 119 Closed Loop System.

**EQUIPMENT INFORMATION**

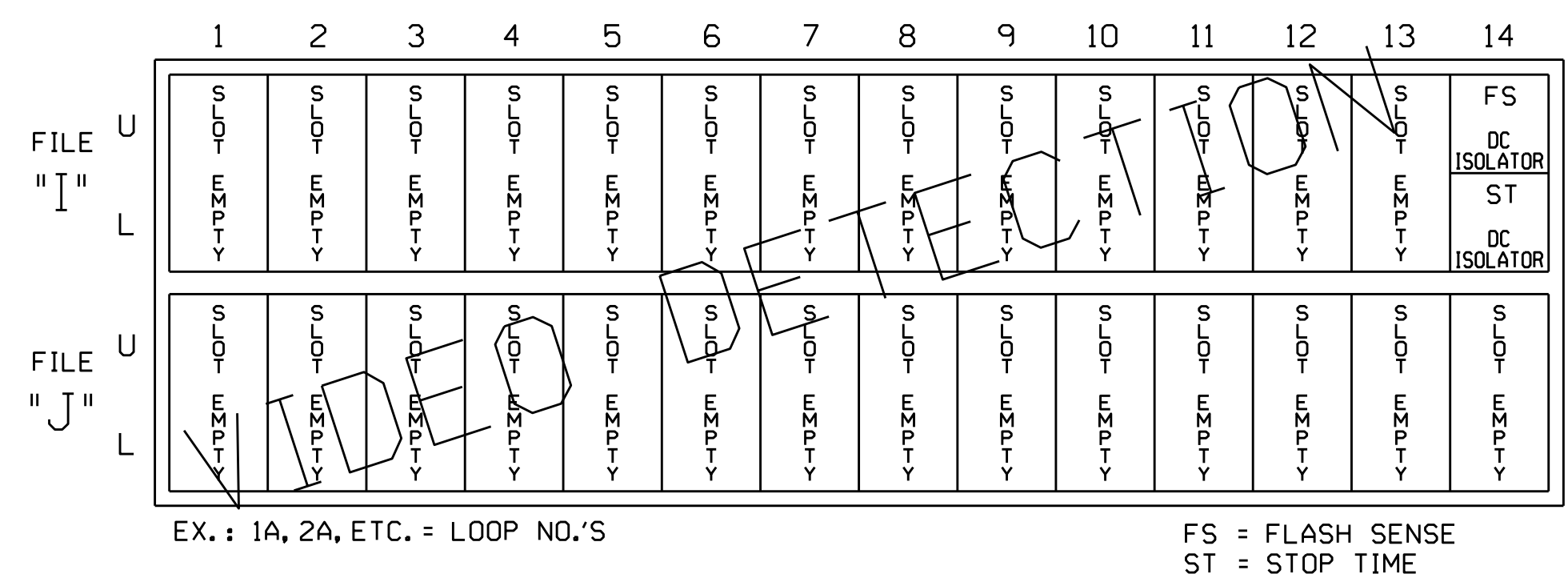
CONTROLLER.....2070  
 CABINET.....332 W/ AUX  
 SOFTWARE.....ECONOLITE OASIS  
 CABINET MOUNT.....BASE  
 OUTPUT FILE POSITIONS...18 WITH AUX. OUTPUT FILE  
 LOAD SWITCHES USED.....S1,S2,S4,S5,S7,S8,S10,S11  
 PHASES USED.....1,2,3,4,5,6,7,8  
 OVERLAP 'A'.....NOT USED  
 OVERLAP 'B'.....NOT USED  
 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<br>24 | NU | 31,32 | 41,42<br>43 | NU | 42  | 51    | 61,62<br>64 | NU  | 71    | 81,82<br>83 | NU     | NU     | NU     | NU     | NU     |
| RED             |     | 128 |             |    | 101   |             |    |     |       | 134         |     |       | 107         |        |        |        |        |        |
| YELLOW          |     |     | 129         |    |       | 102         |    |     |       |             |     |       |             | 108    |        |        |        |        |
| GREEN           |     |     |             |    |       |             |    |     |       | 136         |     |       |             |        |        |        |        |        |
| RED ARROW       | 125 |     |             |    | 116   |             |    |     |       |             |     |       | 122         |        |        |        |        |        |
| YELLOW ARROW    | 126 | 126 |             |    | 117   |             |    | 132 | 132   |             |     |       |             | 123    |        |        |        |        |
| GREEN ARROW     | 127 | 127 |             |    | 118   |             |    |     | 133   | 133         |     |       |             |        |        |        |        | 124    |

NU = Not Used

**INPUT FILE POSITION LAYOUT**  
(front view)



**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 scheme shown on the Signal Design Plan.

THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 07-1553T1  
 DESIGNED: November 2016  
 SEALED: 1/25/2017  
 REVISED: N/A

Electrical Detail - Temp Design 1 (TMP Phase II)

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

Prepared In the Offices of:  
 TRANSPORTATION MOBILITY AND SAFETY DIVISION  
 NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
 Signal Management Section  
 750 N. Greenfield Pkwy, Garner, NC 27529

NC 119 at NC 119 Bus. (S. 5th Street) and SR 1962 (3rd Street)

Division 7 Alamance County Mebane

PLAN DATE: January 2017 REVIEWED BY: BAS  
 PREPARED BY: S. Armstrong REVIEWED BY:

REVISIONS INIT. DATE

DocuSigned by:  
 Keith M. Mims 1/26/2017  
 2f807868c03445 DATE

SIG. INVENTORY NO. 07-1553T1

26-Jan-2017 08:16  
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