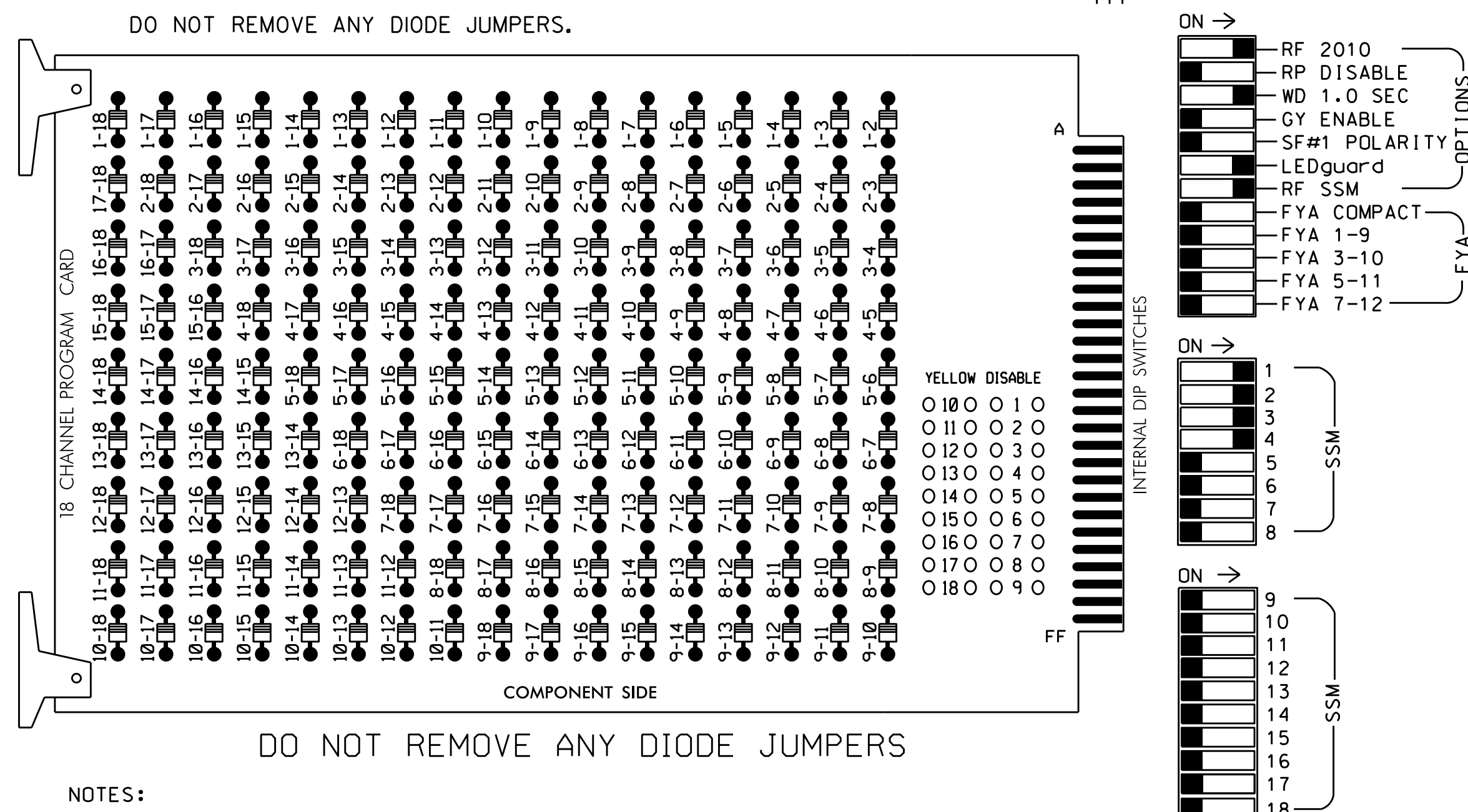


**EDI MODEL 2018ECL-NC CONFLICT MONITOR
PROGRAMMING DETAIL**

(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. Enable Simultaneous Gap-Out for all phases.
3. Program phases 1, 2, 3, and 4 for Red Rest.
4. Program phase 2 for Start Up Red Clear.
5. Program phase 2 for First Phases.

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. | 11,12 | 21,22 | NU | 31 | 32 | 41 | 42,43 | NU | NU | NU | NU | NU |
| RED | 125 | 128 | | 116 | 116 | 101 | 101 | | | | | |
| YELLOW | 126 | 129 | | 117 | 117 | 102 | 102 | | | | | |
| GREEN | 127 | 130 | | 118 | 118 | 103 | 103 | | | | | |
| RED ARROW | | | | | | | | | | | | |
| YELLOW ARROW | | | | | | | | | | | | |
| GREEN ARROW | | | | 118 | | 103 | | | | | | |

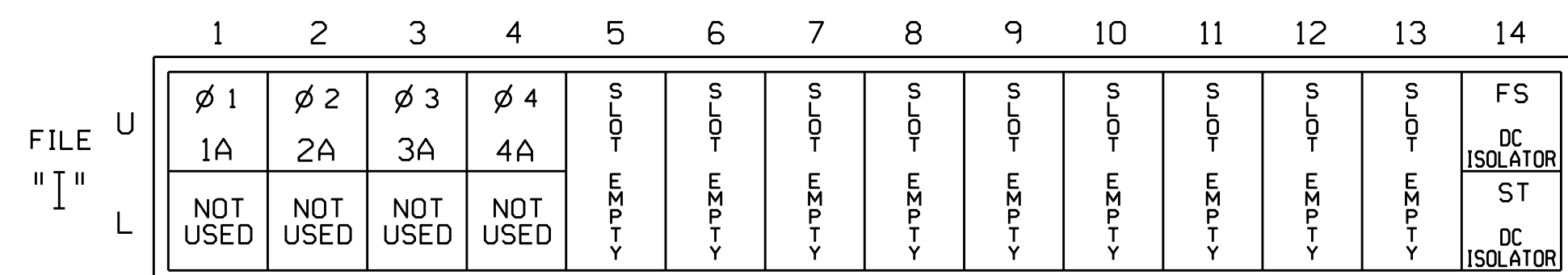
NU = Not Used

EQUIPMENT INFORMATION

CONTROLLER.....2070L
 CABINET.....336
 SOFTWARE.....ECONOLITE OASIS
 CABINET MOUNT.....POLE
 OUTPUT FILE POSITIONS...12
 LOAD SWITCHES USED.....S1,S2,S4,S5
 PHASES USED.....1,2,3,4
 OVERLAPS.....NONE

INPUT FILE POSITION LAYOUT

(front view)



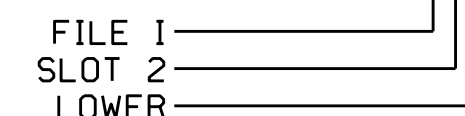
EX. : 1A, 2A, ETC. = LOOP NO.'S

FS = FLASH SENSE
 ST = STOP TIME

INPUT FILE CONNECTION & PROGRAMMING CHART

| LOOP NO. | LOOP TERMINAL | INPUT FILE POS. | PIN NO. | INPUT ASSIGNMENT NO. | DETECTOR NO. | NEMA PHASE | CALL | EXTEND | FULL TIME DELAY | STRETCH TIME | DELAY TIME |
|----------|---------------|-----------------|---------|----------------------|--------------|------------|------|--------|-----------------|--------------|------------|
| 1A | TB21-1,2 | 11U | 56 | 18 | 1 | 1 | Y | Y | | | |
| 2A | TB21-3,4 | 12U | 39 | 1 | 2 | 2 | Y | Y | | | |
| 3A | TB21-5,6 | 13U | 58 | 20 | 3 | 3 | Y | Y | | | 3 |
| 4A | TB21-7,8 | 14U | 41 | 3 | 4 | 4 | Y | Y | | | 3 |

INPUT FILE POSITION LEGEND: I2L



THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 14-0040T2
 DESIGNED: July 2014
 SEALED: 7/30/2014
 REVISED: N/A

Electrical Detail (Signal Upgrade) - Temporary Design (TCP - Phase III)

| | | | |
|--|--|--|---------------------------------------|
| ELECTRICAL AND PROGRAMMING DETAILS FOR: Prepared In the Offices of: 750 N. Greenfield Pkwy, Garner, NC 27529 | SR 1002 (Old Cullowhee Road) at SR 1336 (Monteith Gap Road) / SR 1733 (Casey Road) | | SEAL JOHN T. ROWE, JR. ENGINEER |
| | Division 14 Jackson County ds Cullowhee PLAN DATE: July 2014 REVIEWED BY: JTR PREPARED BY: S. Armstrong REVIEWED BY: | REVISIONS INIT. DATE _____ _____ | |

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