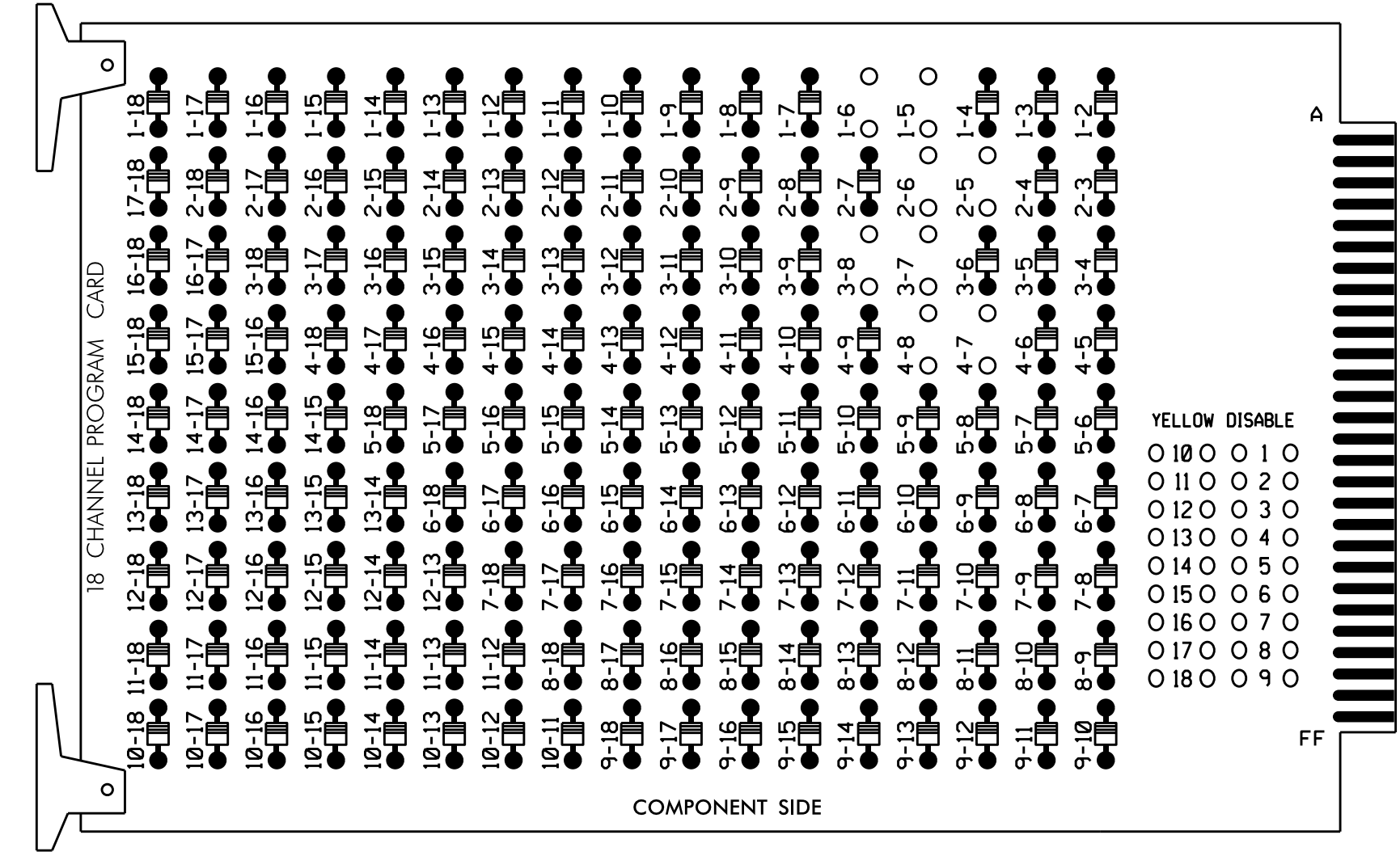


EDI MODEL 2018ECLIP-NC CONFLICT MONITOR PROGRAMMING DETAIL

(remove jumpers and set switches as shown)

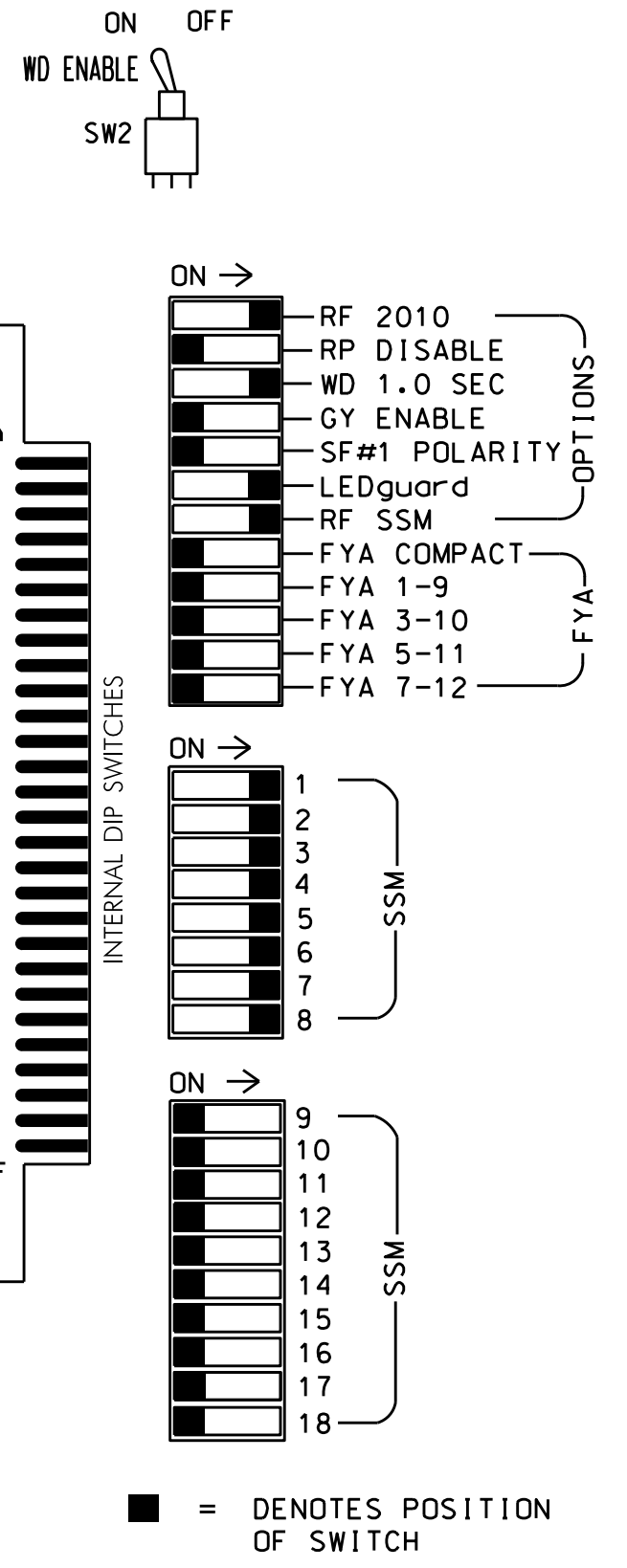
REMOVE DIODE JUMPERS 1-5, 1-6, 2-5, 2-6, 3-7, 3-8, 4-7, and 4-8.



REMOVE JUMPERS 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. Integrate monitor with Ethernet network in cabinet.



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 2 and 6 for Variable Initial and Gap Reduction.
4. Program phases 2 and 6 for Start Up In Green.
5. Program phases 2 and 6 for Yellow Flash.
6. The cabinet and controller are part of the High Point Signal System.

EQUIPMENT INFORMATION

CONTROLLER.....2070
 CABINET.....332
 SOFTWARE.....ECONOLITE OASIS
 CABINET MOUNT.....BASE
 OUTPUT FILE POSITIONS...12
 LOAD SWITCHES USED.....S1,S2,S4,S5,S7,S8,S10,S11
 PHASES USED.....1,2,3,4,5,6,7,8
 OVERLAPS.....NONE

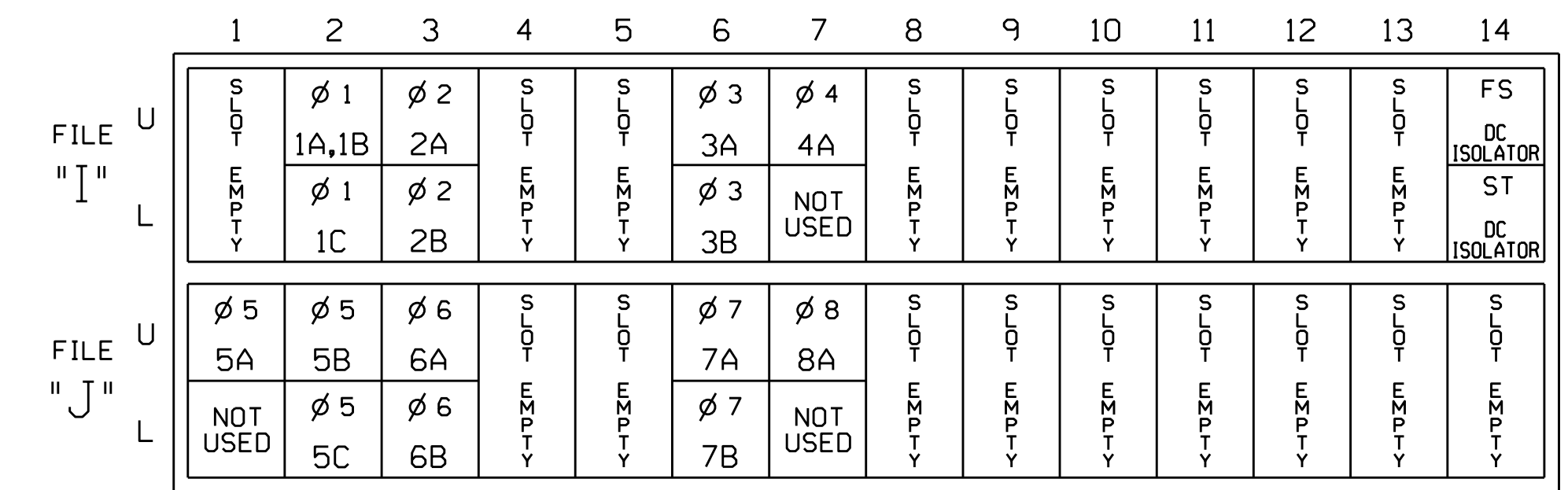
SIGNAL HEAD HOOK-UP CHART

| 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 | 82 | 21,22 | NU | 22 | 31,32 | 41,42 43 | NU | 42 | 51,52 | 61,62 | NU | 62 | 71,72 | 81,82 83 | NU |
| RED | | | 128 | | | | 101 | | | | 134 | | | | 107 | |
| YELLOW | | | | | | | 102 | | | | 135 | | | | 108 | |
| GREEN | | | | | | | 103 | | | | 136 | | | | 109 | |
| RED ARROW | 125 | | | | | 116 | | | | 131 | | | | | 122 | |
| YELLOW ARROW | 126 | 126 | | | 117 | 117 | | | 132 | 132 | | | 123 | 123 | | |
| GREEN ARROW | 127 | 127 | | | 118 | 118 | | | 133 | 133 | | | 124 | 124 | | |

NU = Not Used

INPUT FILE POSITION LAYOUT

(front view)



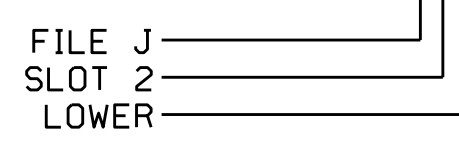
EX.: 1A, 2A, ETC. = LOOP NO.'S

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,1B | TB2-5,6 | I2U | 39 | 1 | 2 | 1 | Y | Y | | | |
| 1C | TB2-7,8 | I2L | 43 | 5 | 12 | 1 | Y | Y | | | 15 |
| 2A | TB2-9,10 | I3U | 63 | 25 | 32 | 2 | Y | Y | | | |
| 2B | TB2-11,12 | I3L | 76 | 38 | 42 | 2 | Y | Y | | | |
| 3A | TB4-9,10 | I6U | 41 | 3 | 4 | 3 | Y | Y | | | |
| 3B | TB4-11,12 | I6L | 45 | 7 | 14 | 3 | Y | Y | | | |
| 4A | TB6-1,2 | I7U | 65 | 27 | 34 | 4 | Y | Y | | | |
| 5A | TB3-1,2 | J1U | 55 | 17 | 5 | 5 | Y | Y | | | |
| 5B | TB3-5,6 | J2U | 40 | 2 | 6 | 5 | Y | Y | | | |
| 5C | TB3-7,8 | J2L | 44 | 6 | 16 | 5 | Y | Y | | | 15 |
| 6A | TB3-9,10 | J3U | 64 | 26 | 36 | 6 | Y | Y | | | |
| 6B | TB3-11,12 | J3L | 77 | 39 | 46 | 6 | Y | Y | | | |
| 7A | TB5-9,10 | J6U | 42 | 4 | 8 | 7 | Y | Y | | | |
| 7B | TB5-11,12 | J6L | 46 | 8 | 18 | 7 | Y | Y | | | |
| 8A | TB7-1,2 | J7U | 66 | 28 | 38 | 8 | Y | Y | | | |

INPUT FILE POSITION LEGEND: J2L



THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 07-1856
 DESIGNED: June 2014
 SEALED: 4/13/2015
 REVISED: N/A

Electrical Detail

Electrical and Programming Details for: **NC 68 (Eastchester Drive) at Premier Drive**

Prepared In the Offices of: **Transporatio Mobility and Safety Solutions**

Division 7 Guilford County High Point

PLAN DATE: July 2014 REVIEWED BY: *JTR*

PREPARED BY: S. Armstrong REVIEWED BY:

REVISIONS INIT. DATE

DocuSigned by: **John T. Rowe, Jr.** 4/14/2015

SIG. INVENTORY NO. 07-1856

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