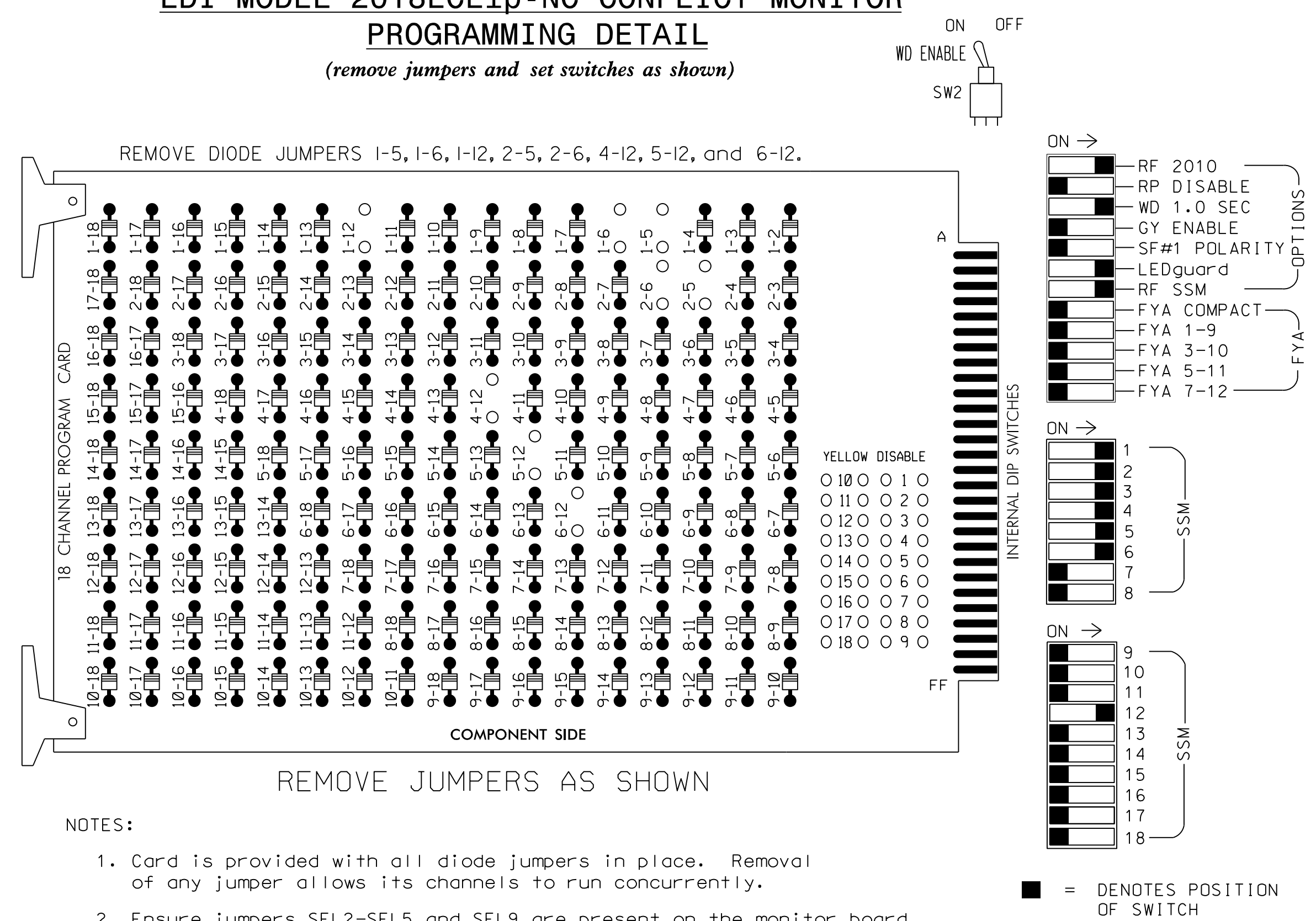


### EDI MODEL 2018EClip-NC CONFLICT MONITOR PROGRAMMING DETAIL

(remove jumpers and set switches as shown)



### 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.
- Program controller to start up in phase 2 Green and 6 Green.
- The cabinet and controller are part of the Fayetteville Signal System.

### EQUIPMENT INFORMATION

CONTROLLER.....2070  
 CABINET.....332 W/AUX  
 SOFTWARE.....ECONOLITE ASC/3-2070  
 CABINET MOUNT.....BASE  
 OUTPUT FILE POSITIONS...18 WITH AUX. OUTPUT FILE  
 LOAD SWITCHES USED.....S1,S2,S4,S5,S7,S8,AUX S5  
 PHASES USED.....1,2,3,4,5,6  
 OVERLAP A.....NOT USED  
 OVERLAP B.....NOT USED  
 OVERLAP C.....NOT USED  
 OVERLAP D.....\*

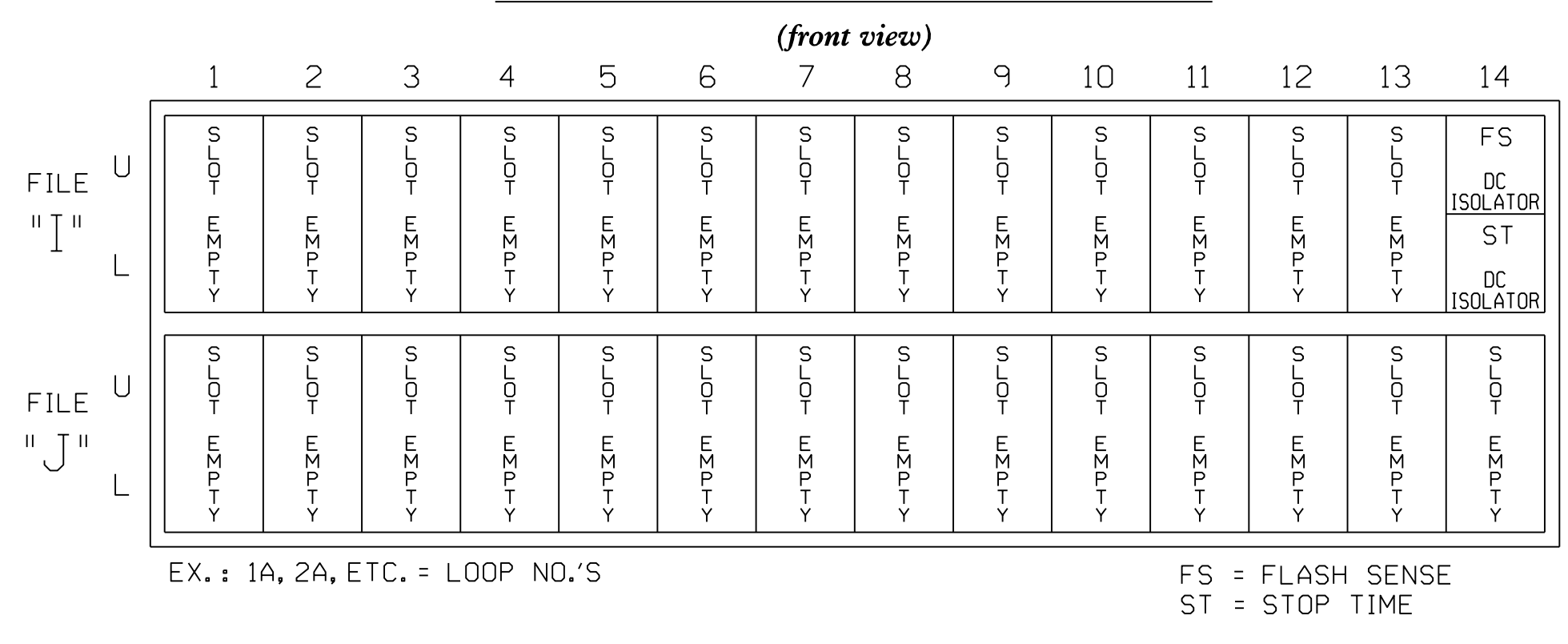
\* See Overlap Programming Detail on this sheet

### 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. | 11,12 | 21,22,23 | NU    | 31  | 32  | 41    | 42  | 23  | NU    | 51  | 61,62 | NU    | NU     | NU     | NU     | NU     | NU     | 43,44  | NU   |
| RED             | 128   |          | 116   | 116 | 101 | 101   |     |     |       |     | 134   |       |        |        |        |        |        |        | A114 |
| YELLOW          | 129   |          | 117   | 117 | 102 | 102   |     |     |       |     | 135   |       |        |        |        |        |        |        |      |
| GREEN           | 130   |          | 118   | 118 | 103 | 103   |     |     |       |     | 136   |       |        |        |        |        |        |        |      |
| RED ARROW       | 125   |          |       |     |     |       |     |     |       |     | 131   |       |        |        |        |        |        |        |      |
| YELLOW ARROW    | 126   |          |       |     |     |       |     |     | 102   | 132 |       |       |        |        |        |        |        |        | A115 |
| GREEN ARROW     | 127   |          | 118   |     | 103 |       | 103 | 133 |       |     |       |       |        |        |        |        |        |        | A116 |

NU = Not Used

### INPUT FILE POSITION LAYOUT



### 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 schemes shown on the Signal Design Plans.

### FLASHER CIRCUIT MODIFICATION DETAIL

IN ORDER TO INSURE THAT SIGNALS FLASH CONCURRENTLY ON THE SAME APPROACH, MAKE THE FOLLOWING FLASHER CIRCUIT CHANGES:

- ON REAR OF PDA - REMOVE WIRE FROM TERM. T2-4 AND TERMINATE ON T2-2.
- ON REAR OF PDA - REMOVE WIRE FROM TERM. T2-5 AND TERMINATE ON T2-3.
- REMOVE FLASHER UNIT 2.

THE CHANGES LISTED ABOVE TIES ALL PHASES AND OVERLAPS TO FLASHER UNIT 1.

### ECONOLITE ASC/3-2070 OVERLAP PROGRAMMING DETAIL

(program controller as shown)

- From Main Menu select **2. CONTROLLER**
- From CONTROLLER Submenu select **2. VEHICLE OVERLAPS**

OVERLAP D Toggle Three Times

Select TMG VEH OVLP [D] and 'NORMAL'

TMG VEH OVLP...[D] TYPE: .....**NORMAL**

PHASES 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6

INCLUDED X . . X . . . . .

LAG GRN 0.0 YEL 0.0 RED 0.0

END PROGRAMMING

THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 06-0358T2  
 DESIGNED: March 2018  
 SEALED: 03-29-2018  
 REVISED: N/A

Temporary Design 2 - TMP Phase II  
 Electrical Detail

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

|  |  |  |                          |
|--|--|--|--------------------------|
| <p>Stantec Consulting Services Inc.<br/>                 801 Jones Franklin Road-Suite 300<br/>                 Raleigh, NC 27606<br/>                 Tel. (919) 851-6866<br/>                 Fax. (919) 851-7024<br/>                 www.stantec.com<br/>                 License No. F-0672</p> | ELECTRICAL AND PROGRAMMING DETAILS FOR:<br>Prepared in the Offices of:<br> | US 401 (Raeford Road)<br>at<br>SR 1141 (Bingham Drive)<br>Division 6 Cumberland County Fayetteville<br>PLAN DATE: March 2018 REVIEWED BY: L Overn<br>PREPARED BY: G B Spell REVIEWED BY: | SEAL<br><p>3/29/2018</p> |
|  | REVISIONS<br>INIT. DATE  | DATE   | DATE                     |