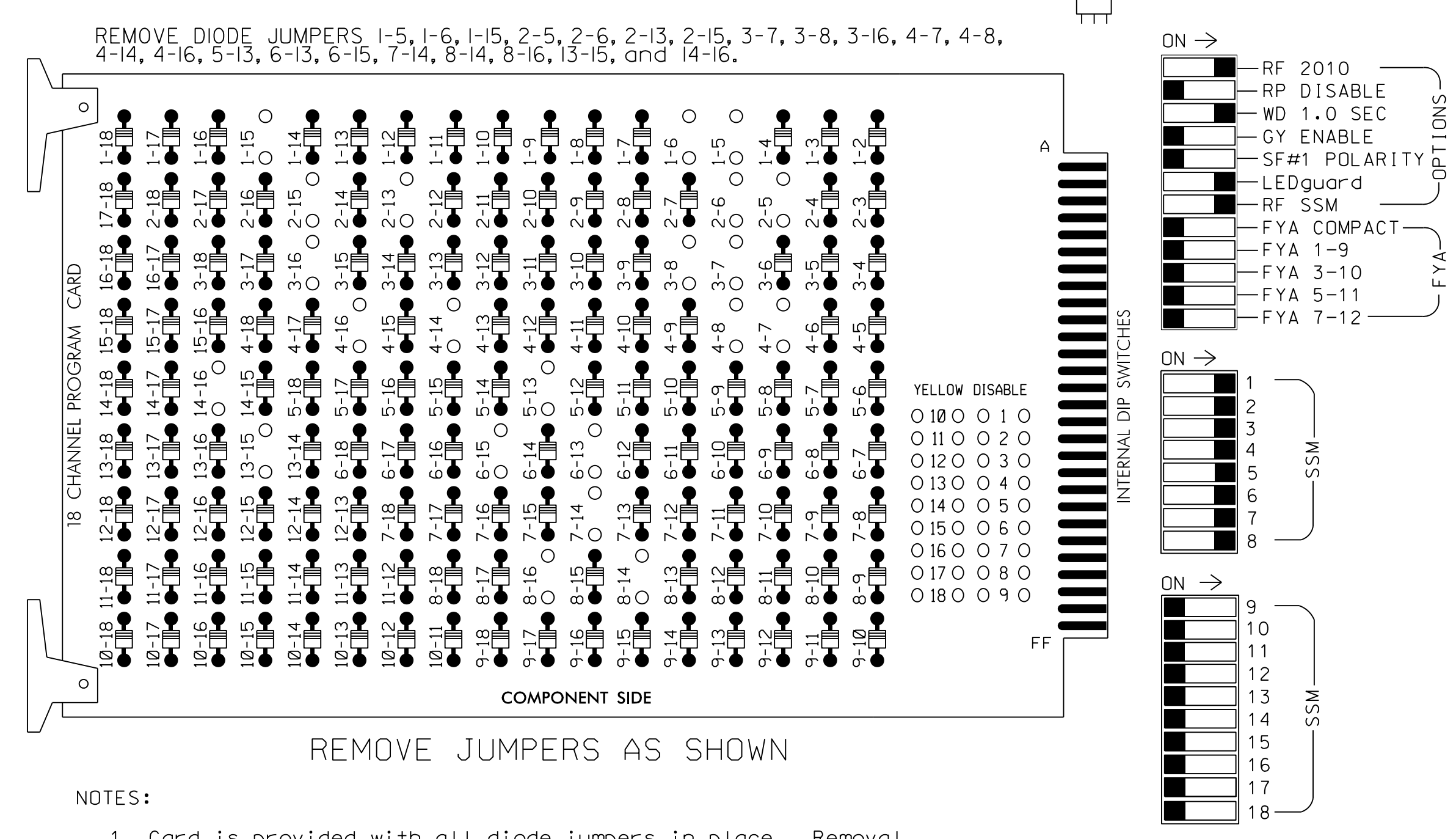


EDI MODEL 2018ECLIP-NC CONFLICT MONITOR PROGRAMMING DETAIL

(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.
- Integrate monitor with Ethernet network in cabinet.

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 WALK and phase 6 WALK.
- 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,S3,S4,S5,S6,
 S7,S8,S9,S10,S11,S12
 PHASES USED.....1,2,2PED,3,4,4PED,5,
 6,6PED,7,8,8PED
 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 | P21, P22 | 31 | 22 | 41,42 | P41, P42 | 51 | 42 | 61,62 | P61, P62 | 71 | 62 | 81,82 | P81, P82 | NU | NU | NU |
| RED | | | 128 | | | 101 | | | | 134 | | | | | 107 | | | | |
| YELLOW | | | 129 | | | 102 | | | | 135 | | | | | 108 | | | | |
| GREEN | | | 130 | | | 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 | | | | | |
| Hand icon | | | | | 113 | | | | 104 | | | | 119 | | | | | | 110 |
| Walking person icon | | | | | 115 | | | | 106 | | | | 121 | | | | | | 112 |

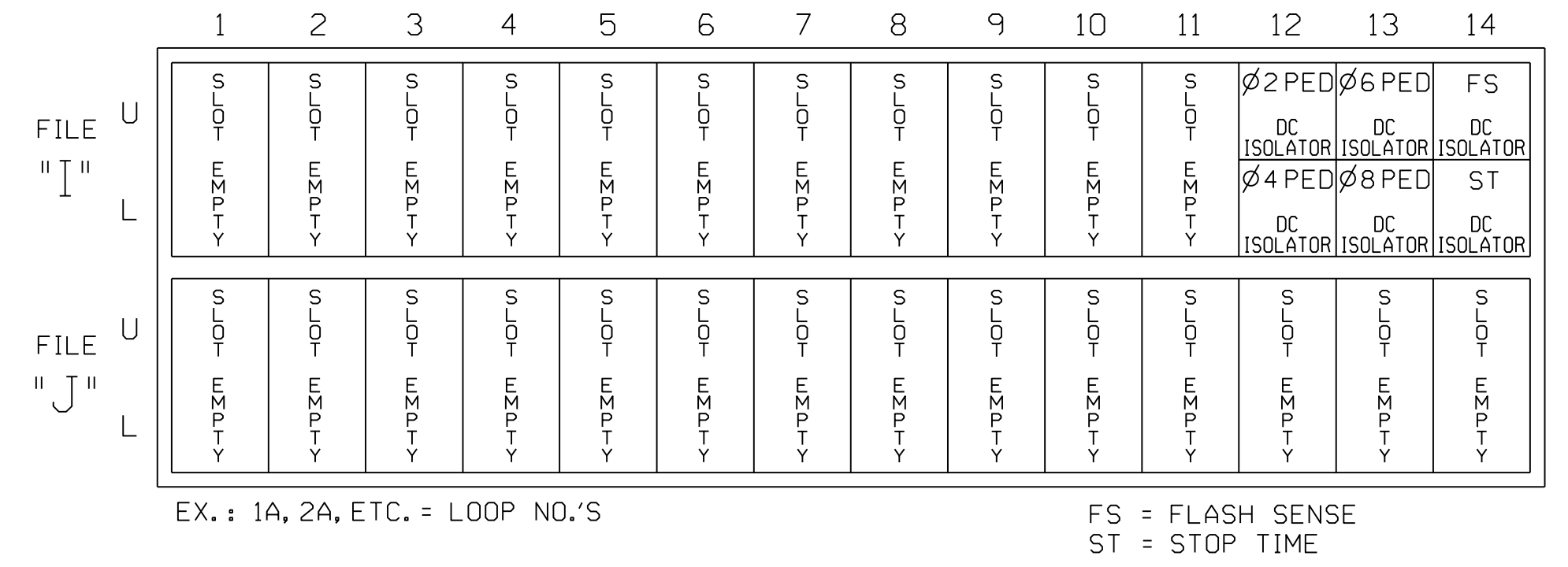
NU = Not Used

COUNTDOWN PEDESTRIAN SIGNAL OPERATION

Countdown Ped Signals are required to display timing only during Ped Clearance Interval. Consult Ped Signal Module user's manual for instructions on selecting this feature.

INPUT FILE POSITION LAYOUT

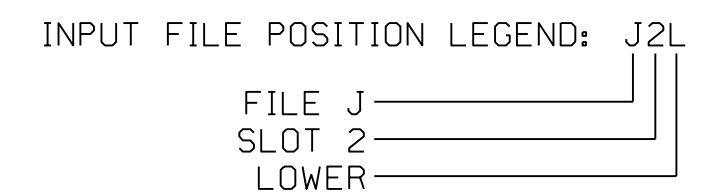
(front view)



INPUT FILE CONNECTION & PROGRAMMING CHART

| LOOP NO. | LOOP TERMINAL | INPUT FILE POS. | PIN NO. | DETECTOR NO. | NEMA PHASE |
|------------------|---------------|-----------------|---------|--------------|------------|
| PED PUSH BUTTONS | | | | | |
| P21,P22 | TB8-4,6 | I12U | 67 | PED 2 | 2 PED |
| P41,P42 | TB8-5,6 | I12L | 69 | PED 4 | 4 PED |
| P61,P62 | TB8-7,9 | I13U | 68 | PED 6 | 6 PED |
| P81,P82 | TB8-8,9 | I13L | 70 | PED 8 | 8 PED |

NOTE:
INSTALL DC ISOLATORS IN INPUT FILE SLOTS 112 AND 113.



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.

THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 06-0596T1
 DESIGNED: March 2018
 SEALED: 03-29-2018
 REVISED: N/A

Temporary Design 1 - TMP Phase I
Electrical Detail

| <p>Stantec Consulting Services Inc. 801 Jones Franklin Road-Suite 300 Raleigh, NC 27606 Tel. (919) 851-6866 Fax. (919) 851-7024 www.stantec.com License No. F-0672</p> | <p>ELECTRICAL AND PROGRAMMING DETAILS FOR:</p> <p>Prepared in the Offices of:</p> <p>750 N. Greenfield Pkwy, Garner, NC 27529</p> | <p>US 401 (Raeford Road) at SR 1104 (Strickland Bridge Road)</p> <p>Division 6 Cumberland County Fayetteville</p> | | <p>SEAL</p> <p>3/29/2018</p> | | | | | | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-----|------|-------|------|--|--|
| | | <p>PLAN DATE: March 2018</p> <p>PREPARED BY: M RG WILSON</p> | <p>REVIEWED BY: L Overn</p> <p>REVISIONS</p> <table border="1"> <tr> <th>NO.</th> <th>DATE</th> <th>INIT.</th> <th>DATE</th> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </table> | | NO. | DATE | INIT. | DATE | | |
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