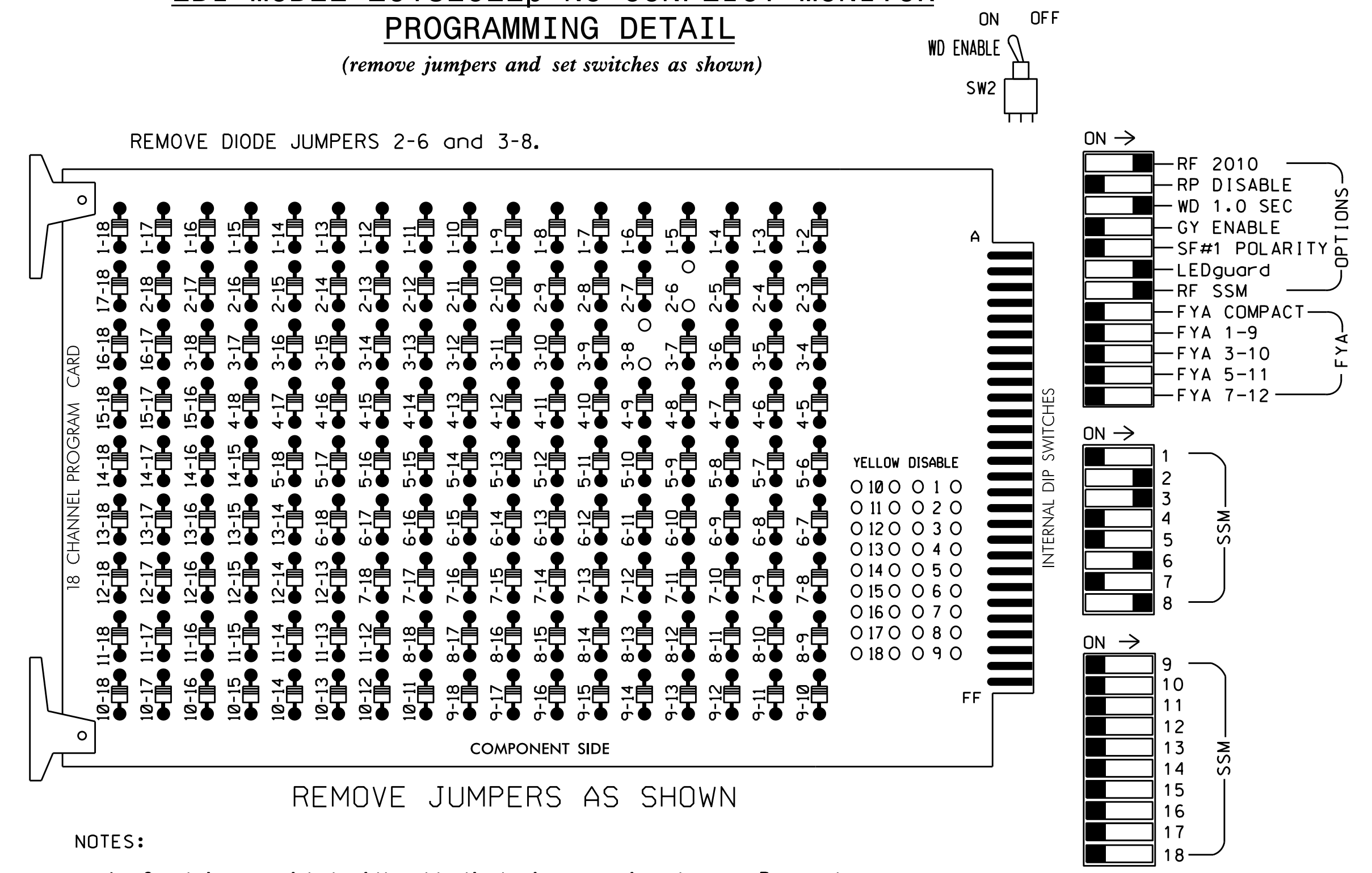


**EDI MODEL 2018ECLip-NC CONFLICT MONITOR**  
**PROGRAMMING DETAIL**

(remove jumpers and 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. 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. Program phase 3 for Dual Entry.
3. Enable Simultaneous Gap-Out for all phases.
4. Program controller to start up in phase 2 Green and 6 Green.
5. The cabinet and controller are part of the Fayetteville Signal System.

**SIGNAL HEAD HOOK-UP CHART**

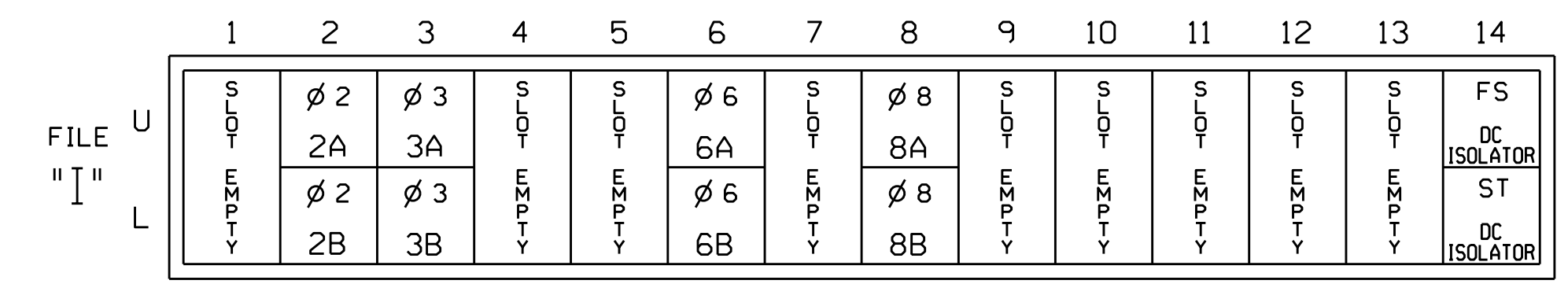
LOAD SWITCH NO.	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	S11	S12
CMU CHANNEL NO.	1	2	13	3	4	14	5	6	15	7	8	16
PHASE	1	2	2 PED	3	4	4 PED	5	6	6 PED	7	8	8 PED
SIGNAL HEAD NO.	NU	21,22	NU	31,32	NU	NU	NU	61,62	NU	NU	81,82	NU
RED		128		116				134			107	
YELLOW		129		117				135			108	
GREEN		130		118				136			109	
RED ARROW												
YELLOW ARROW												
GREEN ARROW												

**EQUIPMENT INFORMATION**

CONTROLLER.....2070E  
 CABINET.....336  
 SOFTWARE.....ECONOLITE ASC/3-2070  
 CABINET MOUNT.....POLE  
 OUTPUT FILE POSITIONS...12  
 LOAD SWITCHES USED.....S2,S4,S8,S11  
 PHASES USED.....2,3,6,8  
 OVERLAPS.....NONE

**INPUT FILE POSITION LAYOUT**

(front view)



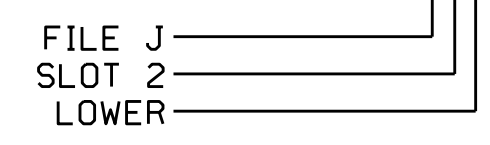
EX. : 1A, 2A, ETC. = LOOP NO.'S

FS = FLASH SENSE  
 ST = STOP TIME

**INPUT FILE CONNECTION & PROGRAMMING CHART**

LOOP NO.	LOOP TERMINAL	INPUT FILE POS.	PIN NO.	DETECTOR NO.	NEMA PHASE	CALL	EXTEND TIME	DELAY TIME	DETECTOR TYPE
2A	TB21-3,4	I2U	39	2	2	YES			S
2B	TB23-3,4	I2L	43	12	2	YES			S
3A	TB21-5,6	I3U	58	3	3	YES			S
3B	TB23-5,6	I3L	49	24	3	YES			S
6A	TB21-11,12	I6U	40	6	6	YES			S
6B	TB23-11,12	I6L	44	16	6	YES			S
8A	TB22-1,2	I8U	42	8	8	YES	2.0		S
8B	TB24-1,2	I8L	46	18	8	YES	2.0		S

**INPUT FILE POSITION LEGEND: J2L**



THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 06-0518  
 DESIGNED: March 2016  
 SEALED: 10/11/2016  
 REVISED:

**Electrical Detail**

Electrical and Programming Details for: **SR 1404 (Morganton Road) at SR 3578 (East Dobbin Avenue) / West Dobbin Avenue**

Division 6 Cumberland County Fayetteville

PLAN DATE: October 2016 REVIEWED BY: T. Joyce

PREPARED BY: C. Strickland REVIEWED BY:

750 N. Greenfield Pkwy, Garner, NC 27529

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

Seal: NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 030530

DocuSigned by: *Carlynn M. Little* 10/17/2016

SIG. INVENTORY NO. 06-0518

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