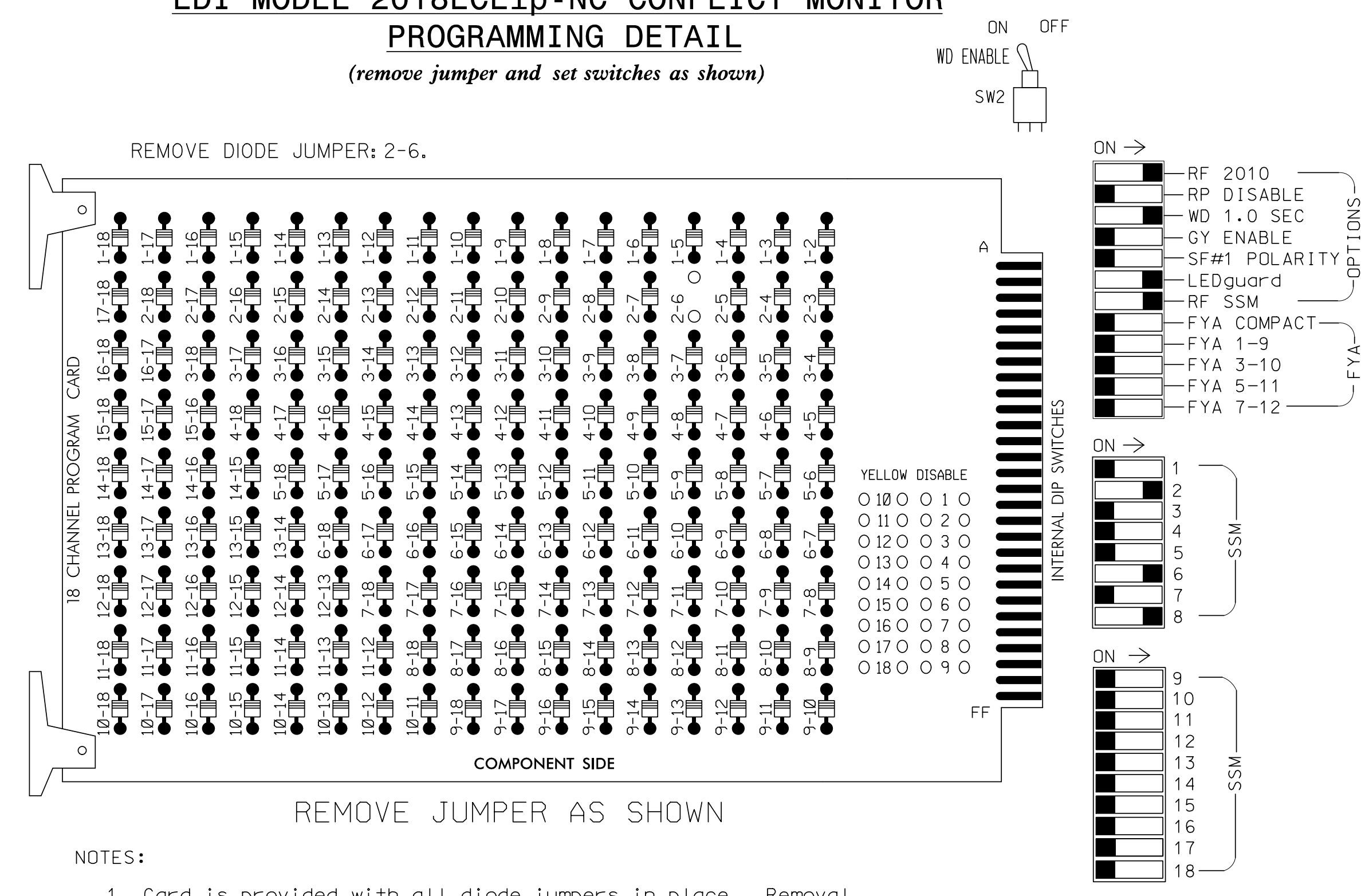


**EDI MODEL 2018ECLIP-NC CONFLICT MONITOR PROGRAMMING DETAIL**

(remove jumper 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. Enable Simultaneous Gap-Out for all phases.
3. Program phases 2 and 6 for volume density operation.
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.

**EQUIPMENT INFORMATION**

CONTROLLER.....2070E  
 CABINET.....332  
 SOFTWARE.....ECONOLITE ASC/3-2070  
 CABINET MOUNT.....BASE  
 OUTPUT FILE POSITIONS...12  
 LOAD SWITCHES USED.....S2,S8,S11  
 PHASES USED.....2,6,8  
 OVERLAPS.....NONE

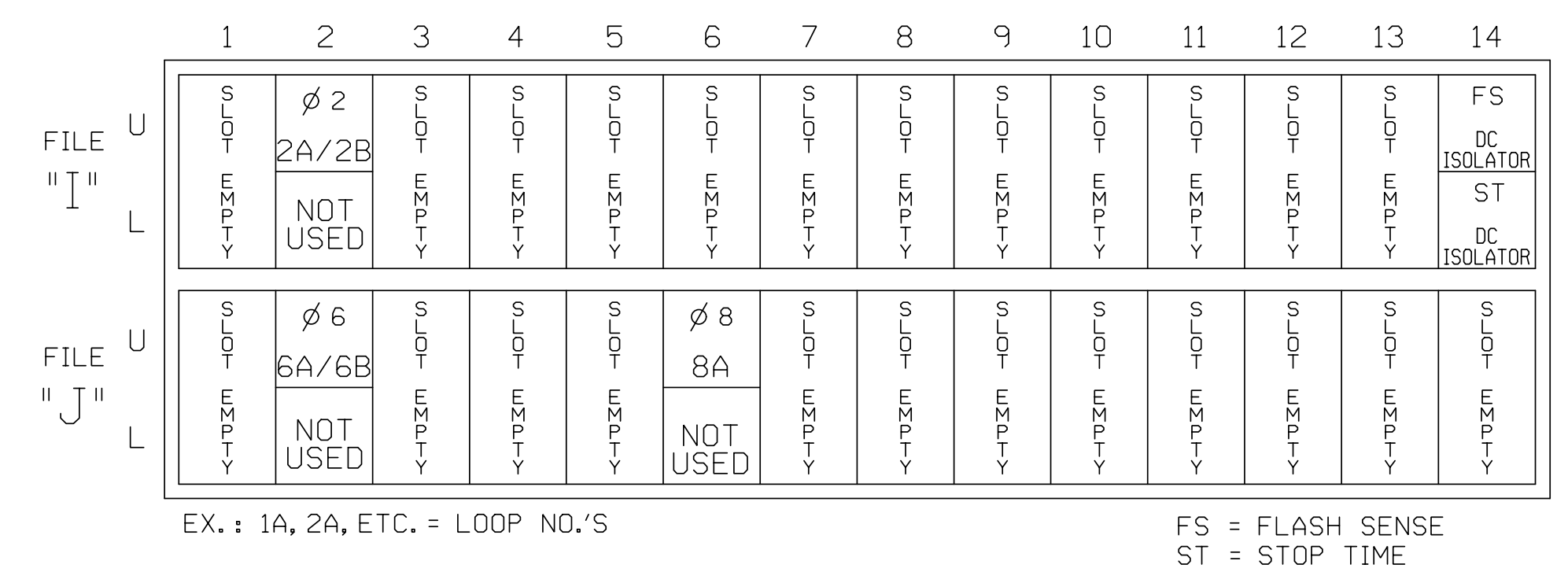
**SIGNAL HEAD HOOK-UP CHART**

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.	NU	21,22	NU	NU	NU	NU	NU	61,62	NU	NU	22	81,82
RED		128						134				107
YELLOW		129						135				108
GREEN		130						136				109
RED ARROW												
YELLOW ARROW											108	
GREEN ARROW											109	
Hand icon												
Person icon												

NU = Not Used

**INPUT FILE POSITION LAYOUT**

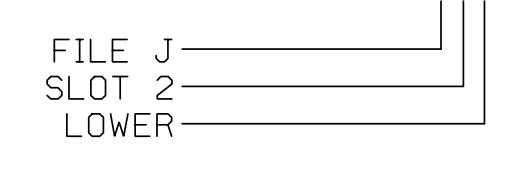
(front view)



**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,2B	TB2-5,6	I2U	39	2	2	YES			N
6A,6B	TB3-5,6	J2U	40	6	6	YES			N
8A	TB5-9,10	J6U	42	8	8	YES			S

**INPUT FILE POSITION LEGEND: J2L**



THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 06-0936  
 DESIGNED: May 2016  
 SEALED: 5/23/2016  
 REVISED:

8/21/2016 K:\MAIL\_TPT\OK\_S\DNALS\4011036345\_Fayetteville\_Electr\Coals654 - Signal\_Design\3rd\_Submit\Final\1911\_060936-2016e.dgn Susan\_Penn\_Fortson

Electrical Detail

**DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED**

Prepared For: **Kimley»Horn**

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750 N. Greenfield Pkwy, Garner, NC 27529

US 301-I-95 Bus. (S. Eastern Blvd.)  
 at  
 NC 87 (MLK, Jr. Frwy.) NB Off Ramp/On Loop/  
 NC 87 (MLK, Jr. Frwy) NB On Ramp

Division 6 Cumberland County Fayetteville

PLAN DATE: July 2016 REVIEWED BY: KP Baumann

PREPARED BY: SP Pennington REVIEWED BY: SL Phillips

REVISIONS	INIT.	DATE

DocuSign  
 0C87AS6ED00B437 9/1/2016 DATE

SEAL  
 NORTH CAROLINA PROFESSIONAL SEAL 032607  
 ENGINEER STACIE L. PHILLIPS

SIG. INVENTORY NO. 06-0936