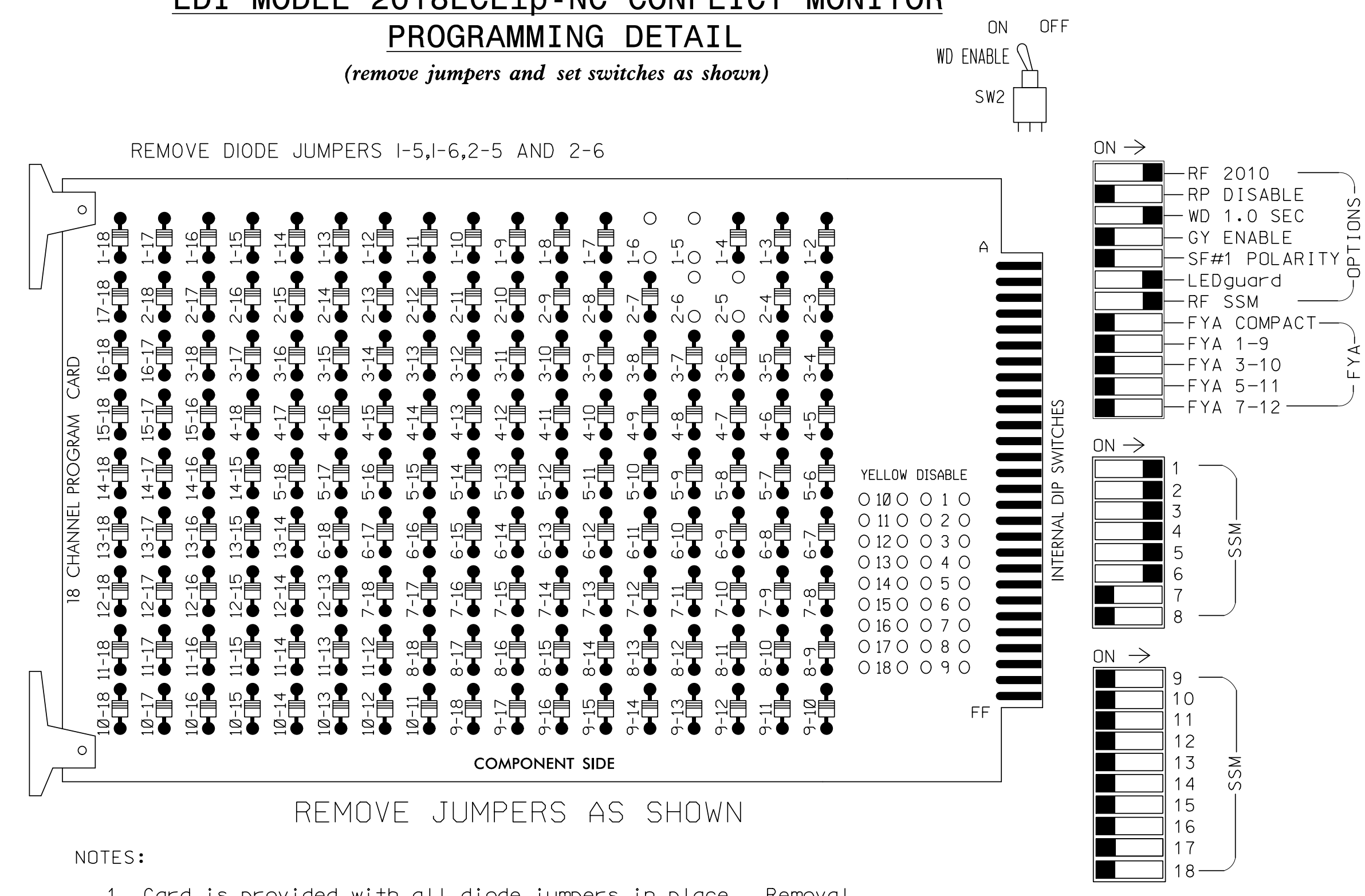


EDI MODEL 2018ECLip-NC CONFLICT MONITOR PROGRAMMING DETAIL

(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. Enable Simultaneous Gap-Out for all phases.
3. Program controller to start up in phase 2 Green and 6 Green.
4. 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.	11,12	34	21,22 23	NU	23	31,32	33,34	41,42	43,44	63	NU	51	61,62 63	NU	NU	NU	NU
RED			128		116		101						134				
YELLOW			129		117		102						135				
GREEN			130		118		103						136				
RED ARROW	125				116		101						131				
YELLOW ARROW	126	126			117	117	102		102				132				
GREEN ARROW	127	127			118	118	103		103				133				

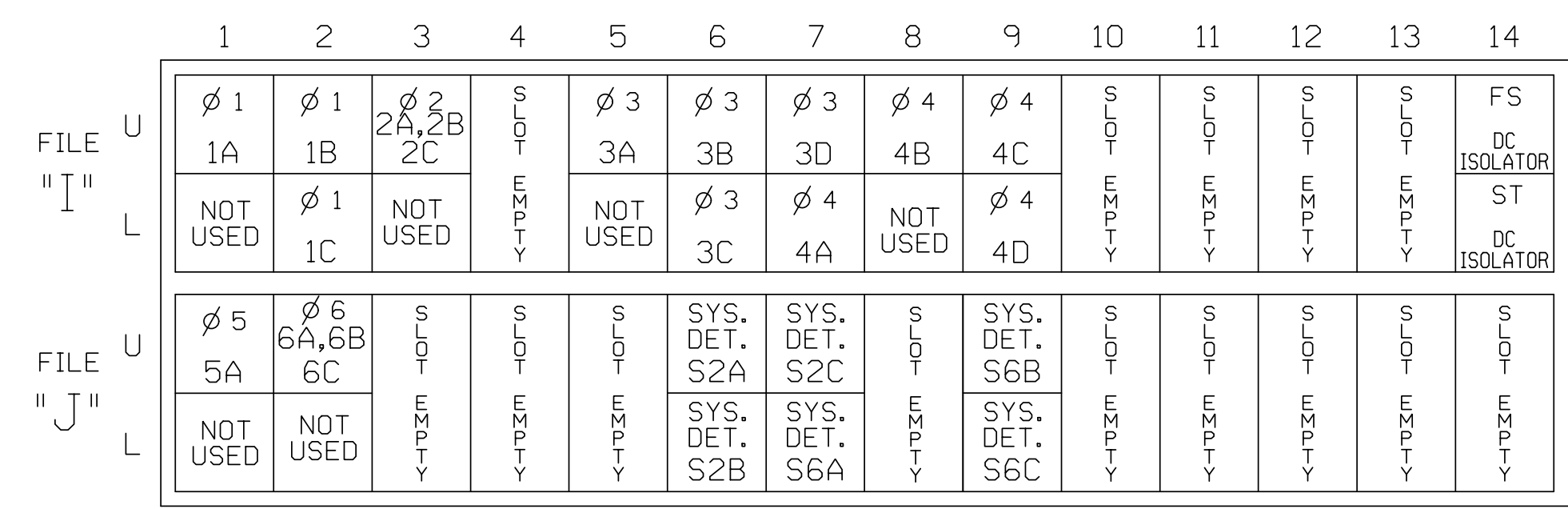
NU = Not Used

EQUIPMENT INFORMATION

CONTROLLER.....2070E
 CABINET.....332
 SOFTWARE.....ECONOLITE ASC/3-2070
 CABINET MOUNT.....BASE
 OUTPUT FILE POSITIONS...12
 LOAD SWITCHES USED.....S1,S2,S4,S5,S7,S8
 PHASES USED.....1,2,3,4,5,6
 OVERLAPS.....NONE

INPUT FILE POSITION LAYOUT

(front view)



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

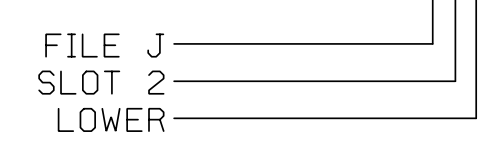
FS = FLASH SENSE
 ST = STOP TIME

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
1A	TB2-1,2	I1U	56	1	1	YES		3	S
1B	TB2-5,6	I2U	39	2	1	YES			S
1C	TB2-7,8	I2L	43	12	1	YES		15	S
2A,2B,2C	TB2-9,10	I3U	63	32	2	YES			S
3A	TB4-5,6	I5U	58	3	3	YES		3	S
3B	TB4-9,10	I6U	41	4	3	YES			S
3C	TB4-11,12	I6L	45	14	3	YES			S
3D	TB6-1,2	I7U	65	34	3	YES			S
4A	TB6-3,4	I7L	78	44	4	YES			S
4B	TB6-5,6	I8U	49	24	4	YES			S
4C	TB6-9,10	I9U	60	11	4	YES			S
4D	TB6-11,12	I9L	62	13	4	YES		10	S
5A	TB3-1,2	J1U	55	5	5	YES			S
6A,6B,6C	TB3-5,6	J2U	40	6	6	YES			S
*S2A	TB5-9,10	J6U	42	8	SYS	NO			N
*S2B	TB5-11,12	J6L	46	18	SYS	NO			N
*S2C	TB7-1,2	J7U	66	38	SYS	NO			N
*S6A	TB7-3,4	J7L	79	48	SYS	NO			N
*S6B	TB7-9,10	J9U	59	15	SYS	NO			N
*S6C	TB7-11,12	J9L	61	17	SYS	NO			N

* System detector only. Remove any assigned vehicle phase.

INPUT FILE POSITION LEGEND: J2L



THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 06-0346
 DESIGNED: February 2016
 SEALED: 5/6/2016
 REVISED:

8/20/2016 K:\MAIL_TPT\K\SIGNALS\4011036345 Fayetteville Electrical\06346-2016a.dgn Susan Pennington

PLANS PREPARED IN THE OFFICE OF:
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Electrical Detail

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

Prepared For: **Cumberland County**

Division 6 at **SR 1404 (Morganton Road) at Cross Creek Mall Entrance/ SR 1596 (Glensford Drive)**

Division 6 Cumberland County Fayetteville

PLAN DATE: June 2016 REVIEWED BY: KP Baumann

PREPARED BY: SP Pennington REVIEWED BY: SL Phillips

REVISIONS: INIT. DATE

8/31/2016

SIG. INVENTORY NO. 06-0346