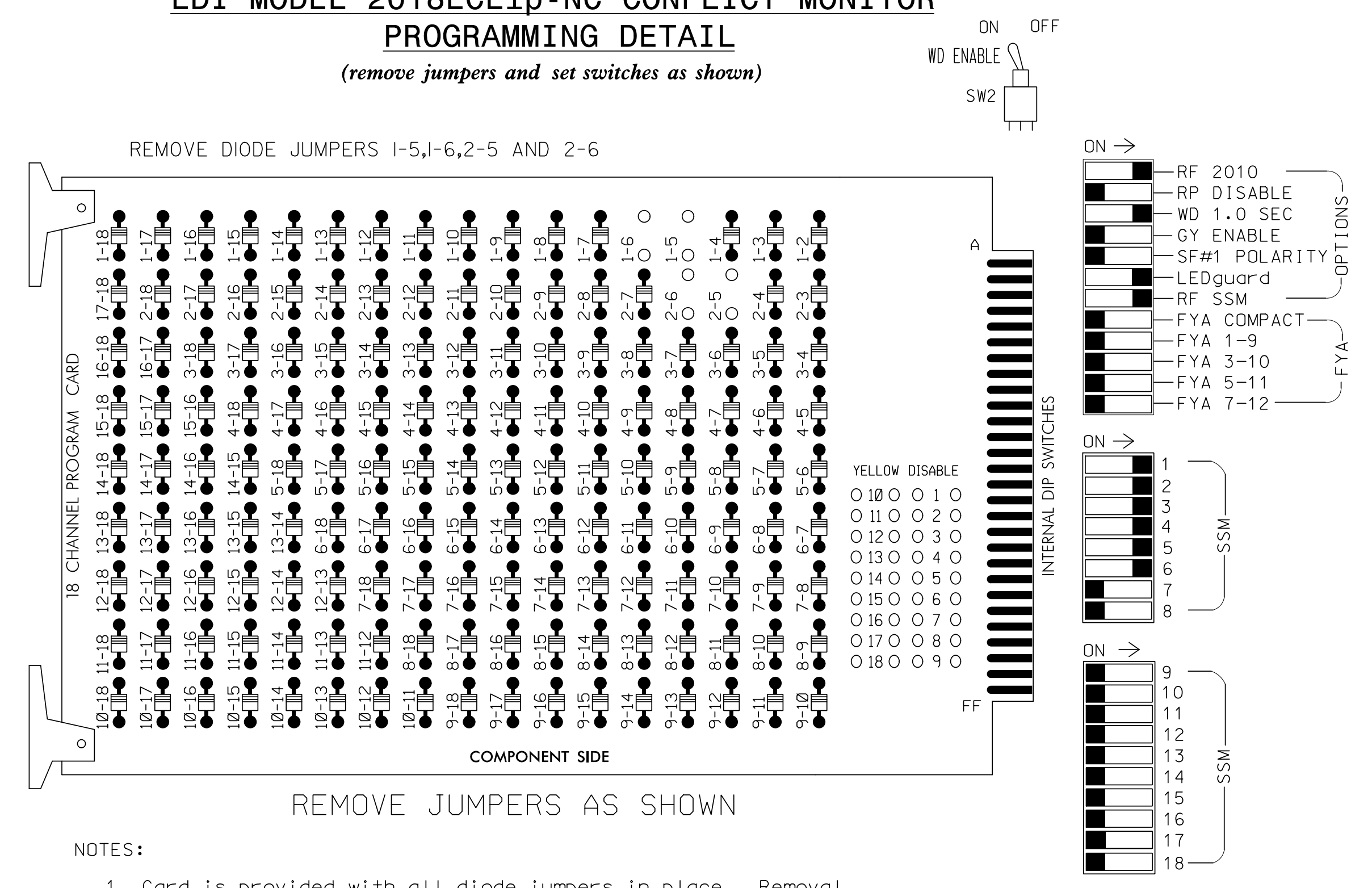


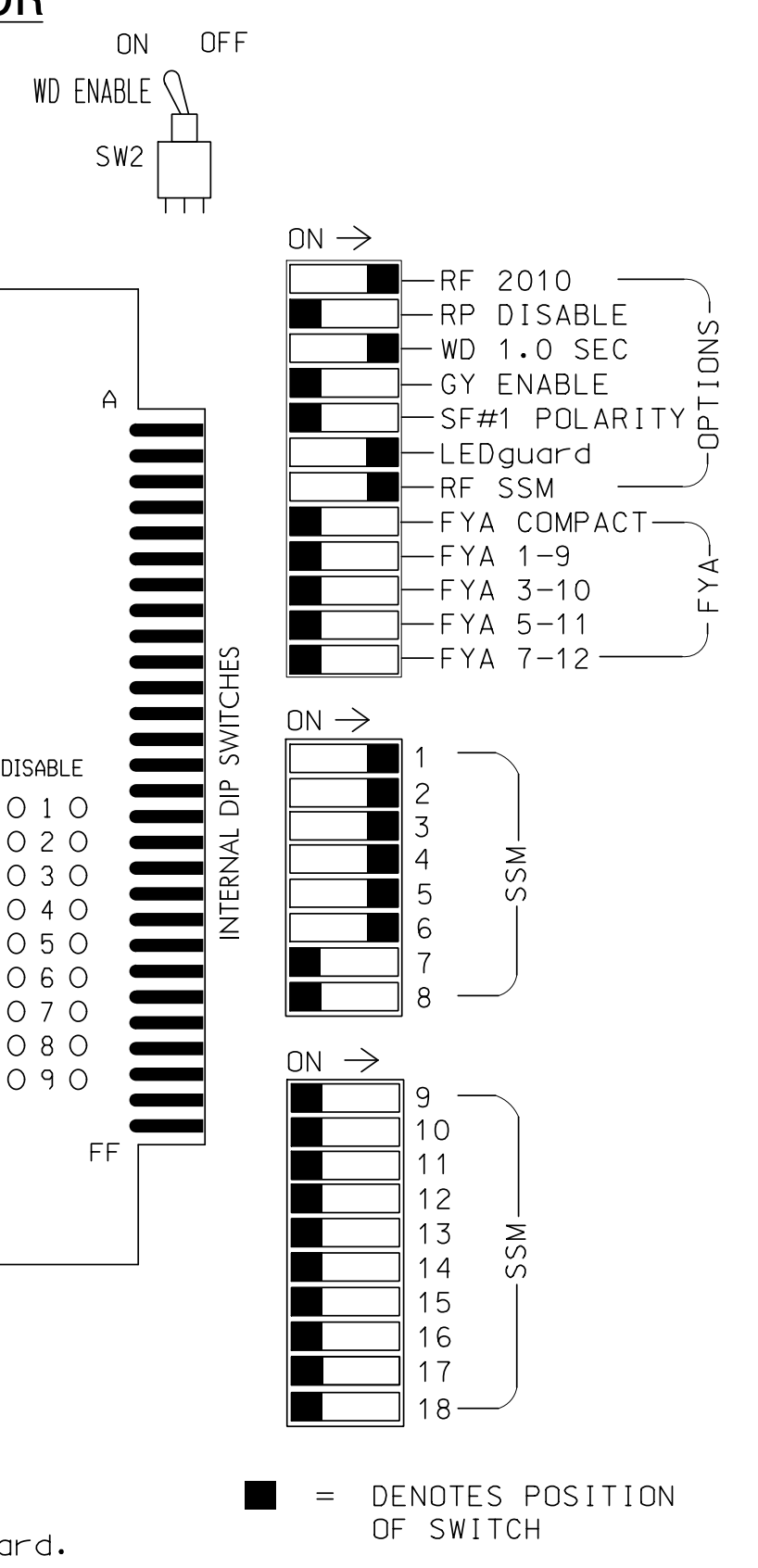
EDI MODEL 2018ECLip-NC CONFLICT MONITOR
PROGRAMMING DETAIL

(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 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.....S1,S2,S4,S5,S7,S8
 PHASES USED.....1,2,3,4,5,6
 OVERLAPS.....NONE

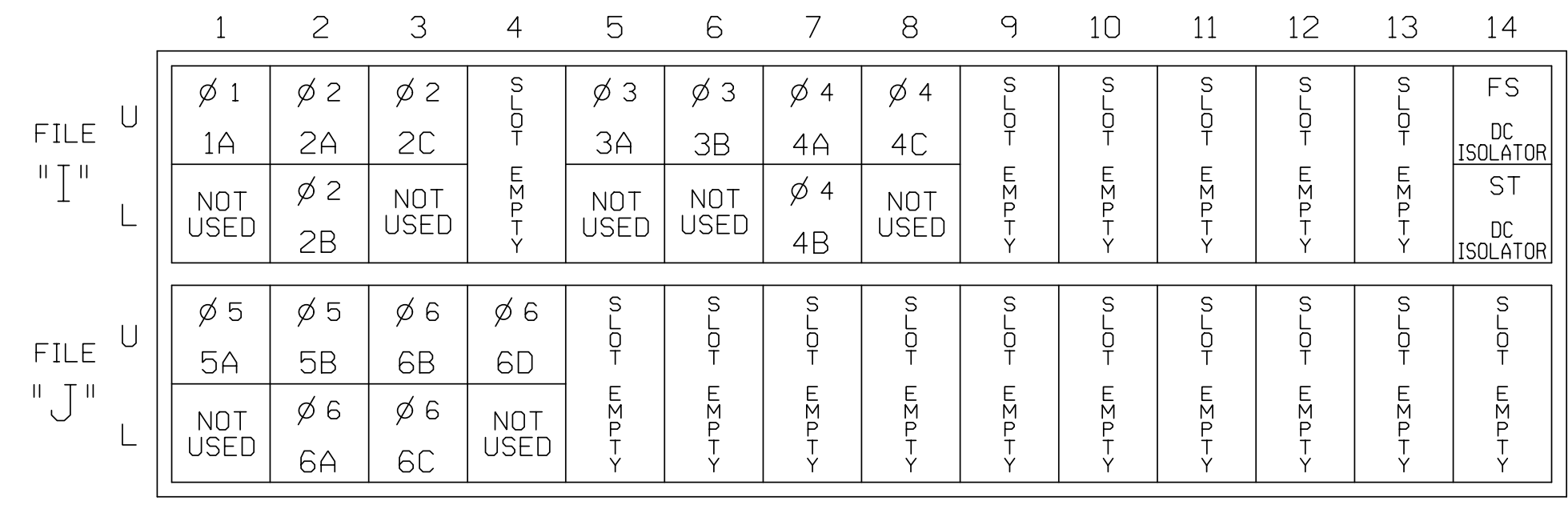
SIGNAL HEAD HOOK-UP CHART

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.	11	21,22 23	NU	23	31	32	41,42	43,44	63	NU	44	51	61,62 63	NU	NU	NU	NU
RED		128		116	116		101						134				
YELLOW		129		117	117		102						135				
GREEN		130		118	118		103						136				
RED ARROW	125						101						131				
YELLOW ARROW	126			117			102	102		132	132						
GREEN ARROW	127			118	118		103	103		133	133						

NU = Not Used

INPUT FILE POSITION LAYOUT

(front view)



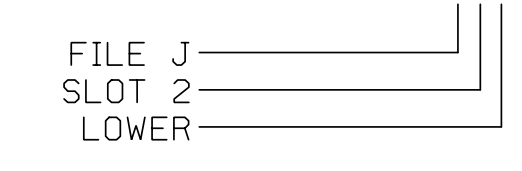
EX. : 1A, 2A, ETC. = LOOP NO.'S

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			S
2A	TB2-5,6	I2U	39	2	2	YES			N
2B	TB2-7,8	I2L	43	12	2	YES			N
2C	TB2-9,10	I3U	63	32	2	YES			N
3A	TB4-5,6	I5U	58	3	3	YES			S
3B	TB4-9,10	I6U	41	4	3	YES		15	S
4A	TB6-1,2	I7U	65	34	4	YES			S
4B	TB6-3,4	I7L	78	44	4	YES			S
4C	TB6-5,6	I8U	49	24	4	YES			S
5A	TB3-1,2	J1U	55	5	5	YES			S
5B	TB3-5,6	J2U	40	6	5	YES		20	S
6A	TB3-7,8	J2L	44	16	6	YES			N
6B	TB3-9,10	J3U	64	36	6	YES			N
6C	TB3-11,12	J3L	77	46	6	YES			N
6D	TB5-1,2	J4U	48	26	6	YES			N

INPUT FILE POSITION LEGEND: J2L



THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 06-0576
 DESIGNED: November 2015
 SEALED: 5/11/2016
 REVISED:

8/11/2016 K:\MAIL_P\10\SIGNALS\4011036345 Fayetteville E:\Electr\Coals\654 - Signal Design\2nd_Submit\Final\511_060516-2016e.dgn Susan, Pennington

Electrical Detail

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

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Division 6 Cumberland County Fayetteville

PLAN DATE: June 2016 REVIEWED BY: KP Baumann

PREPARED BY: SP Pennington REVIEWED BY: SL Phillips

REVISIONS: INIT. DATE

8/11/2016

SIG. INVENTORY NO. 06-0576