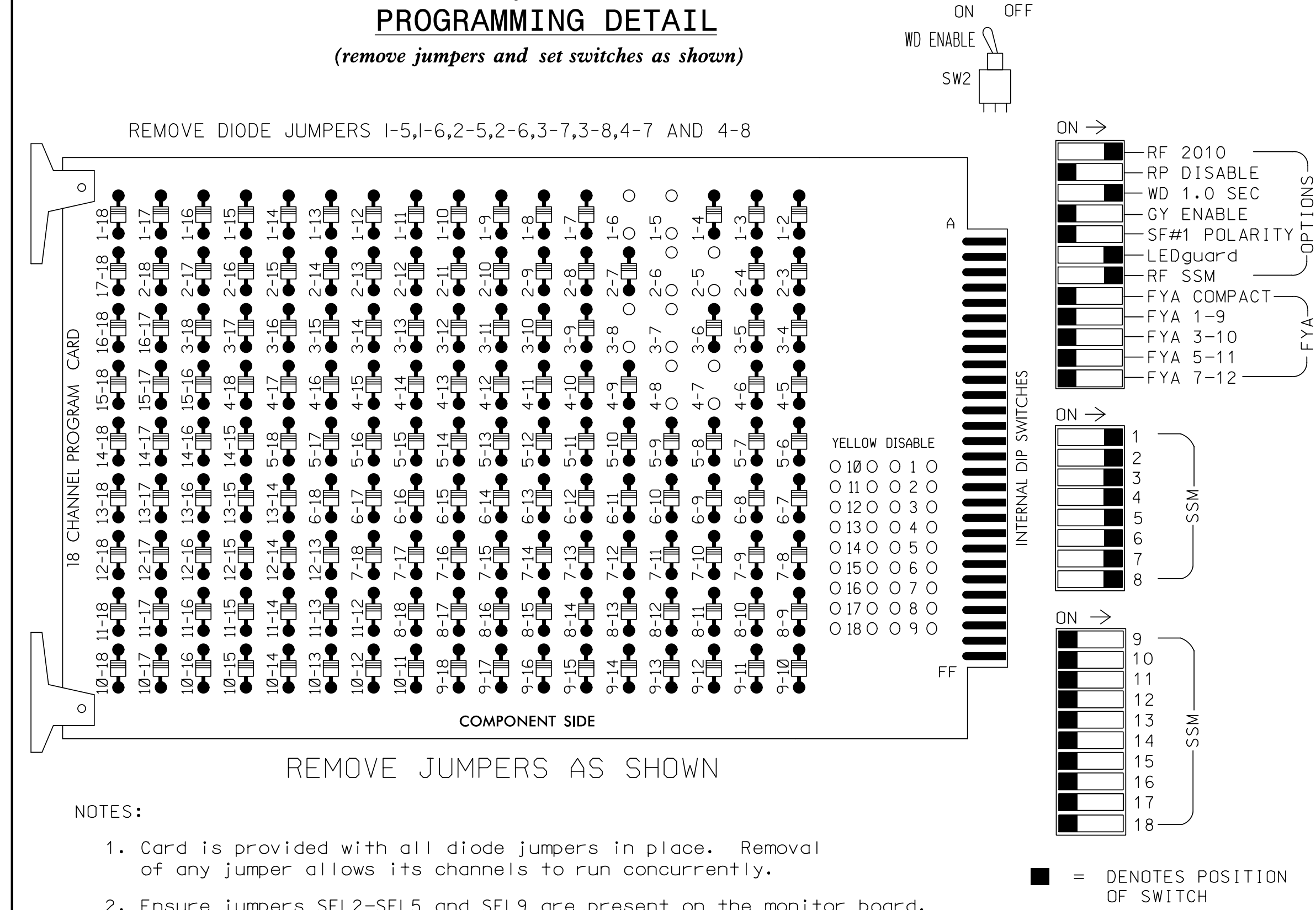


EDI MODEL 2018ECLIP-NC CONFLICT MONITOR PROGRAMMING DETAIL

(remove jumpers and set switches as shown)



- REMOVE JUMPERS 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.
- Enable Simultaneous Gap-Out for all phases.
- Program phases 2 and 6 for volume density operation.
- Program controller to start up in phase 2 Green and 6 Green.
- The cabinet and controller are part of the Fayetteville Signal System.

EQUIPMENT INFORMATION

CONTROLLER.....2070E
 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,S4,S5,S7,S8,S10,S11
 PHASES USED.....1,2,3,4,5,6,7,8
 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.	11,12	82	21,22	31	41,42	NU	42	51,52	61,62	71	81,82	NU	NU	NU	NU	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				132	132	123							
GREEN ARROW	127	127			118				133	133	124							

NU = Not Used

INPUT FILE POSITION LAYOUT

(front view)

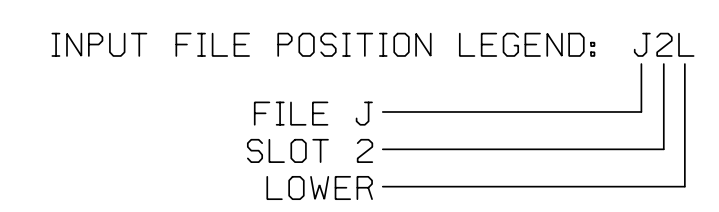
FILE "I"	1	2	3	4	5	6	7	8	9	10	11	12	13	14
U	∅ 1 1A,1B	∅ 2 2A,2B	∅ 3 3A	∅ 4 4A	∅ 5 5A,5B	∅ 6 6A,6B	∅ 7 7A	∅ 8 8A,8B	FS DC ISOLATOR	ST DC ISOLATOR				
L	NOT USED	NOT USED	NOT USED	NOT USED	NOT USED	NOT USED	NOT USED	NOT USED						
U	∅ 5 5A,5B	∅ 6 6A,6B	∅ 7 7A	∅ 8 8A,8B	FS DC ISOLATOR	ST DC ISOLATOR								
L	NOT USED	NOT USED	NOT USED	NOT USED										

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,1B	TB2-1,2	I1U	56	1	1	YES		3	S
2A,2B	TB2-5,6	I2U	39	2	2	YES			N
3A	TB4-5,6	I5U	58	3	3	YES		3	S
4A	TB4-9,10	I6U	41	4	4	YES			S
4B	TB4-11,12	I6L	45	14	4	YES		15	S
5A,5B	TB3-1,2	J1U	55	5	5	YES		3	S
6A,6B	TB3-5,6	J2U	40	6	6	YES			N
7A	TB5-5,6	J5U	57	7	7	YES		3	S
8A,8B	TB5-9,10	J6U	42	8	8	YES			S
8C	TB5-11,12	J6L	46	18	8	YES		15	S



THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 06-0072
 DESIGNED: May 2016
 SEALED: 8/18/2016
 REVISED:

9/21/2016 K:\REAL_T\10K\SIGNALS\4011036345 Fayetteville File Electrical\060072-2016e.dgn Susan Pennington

Electrical Detail

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

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NC 53-210 (Cedar Creek Road) at SR 1006 (Clinton Road)

Division 6 Cumberland County Fayetteville

PLAN DATE: August 2016 REVIEWED BY: SL Phillips
 PREPARED BY: SP Pennington REVIEWED BY: KP Baumann

REVISIONS: INIT. DATE

9/22/2016

SIG. INVENTORY NO. 06-0072