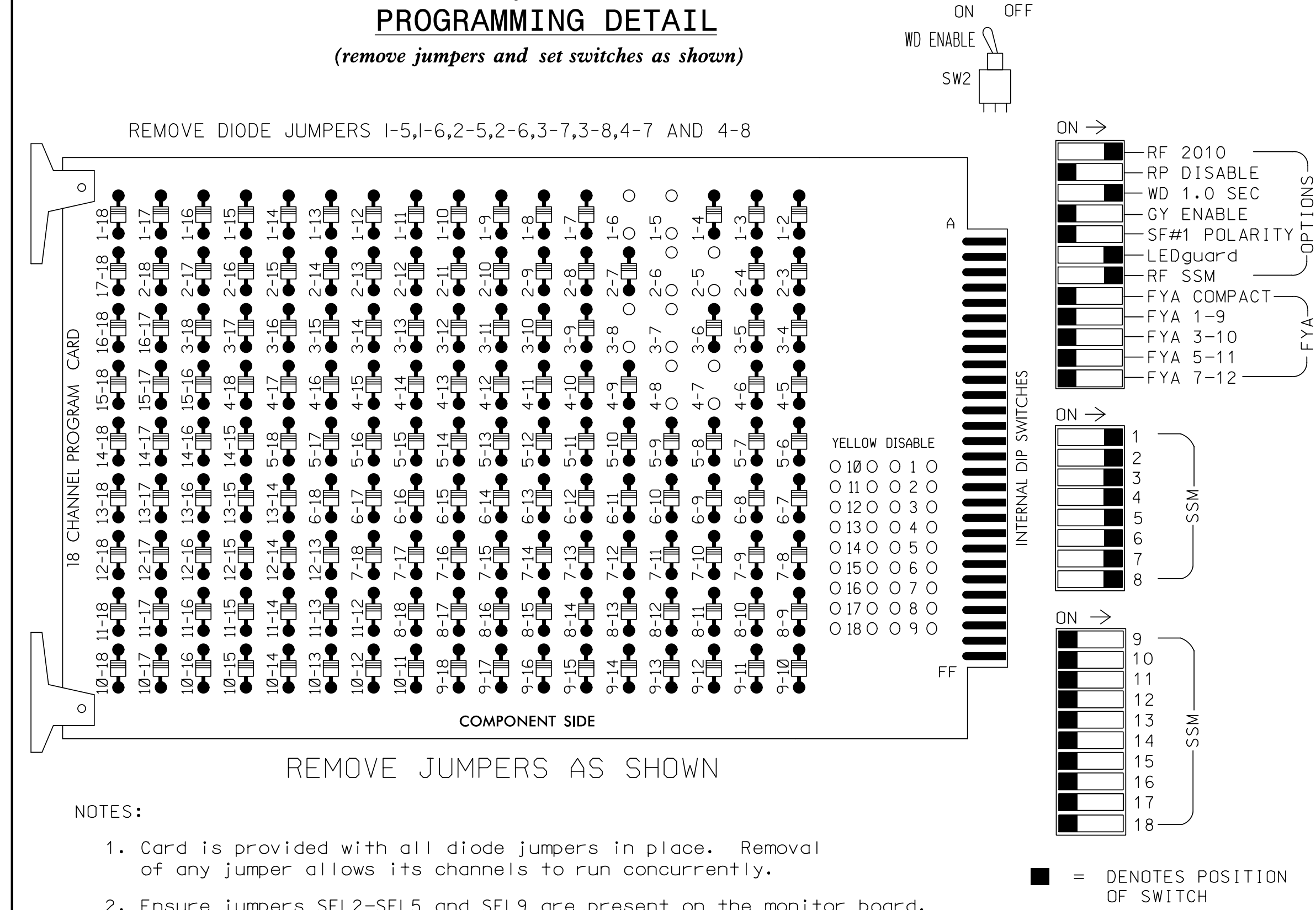


EDI MODEL 2018ECLIP-NC CONFLICT MONITOR PROGRAMMING DETAIL

(remove jumpers and set switches as shown)



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
 SOFTWARE.....ECONOLITE ASC/3-2070
 CABINET MOUNT.....BASE
 OUTPUT FILE POSITIONS...12
 LOAD SWITCHES USED.....S1,S2,S4,S5,S7,S8,S10,S11
 PHASES USED.....1,2,3,4,5,6,7,8
 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.	11,12	82	21,22	NU	31	22	41,42,43	NU	51	61,62	NU	71	81,82,83	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	117			132			123		
GREEN ARROW	127	127			118	118			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	∅ 1	∅ 2	S	∅ 3	∅ 4	S	S	SYS. DET. S4A	S	S	S	S	FS
L	1A	1B	2A	←-→	3A	4A	←-→	←-→	SYS. DET. S4B	←-→	←-→	←-→	←-→	DC ISOLATOR
U	∅ 5	∅ 6	←-→	←-→	∅ 7	∅ 8	←-→	←-→	SYS. DET. S8A	←-→	←-→	←-→	←-→	ST
L	5A	6A	←-→	←-→	7A	8B	←-→	←-→	NOT USED	←-→	←-→	←-→	←-→	DC ISOLATOR
U	NOT USED	∅ 6	←-→	←-→	←-→	∅ 8	←-→	←-→	←-→	←-→	←-→	←-→	←-→	←-→
L	6B	←-→	←-→	←-→	←-→	8C	←-→	←-→	←-→	←-→	←-→	←-→	←-→	←-→

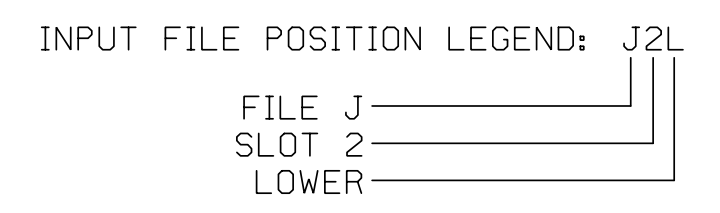
EX.: 1A, 2A, ETC. = LOOP NO.'S

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
1B	TB2-5,6	I2U	39	2	1	YES			S
2A	TB2-9,10	I3U	63	32	2	YES			N
2B	TB2-11,12	I3L	76	42	2	YES			N
3A	TB4-5,6	I5U	58	3	3	YES			S
4A	TB4-9,10	I6U	41	4	4	YES		15	S
5A	TB3-1,2	J1U	55	5	5	YES			S
6A	TB3-5,6	J2U	40	6	6	YES			N
6B	TB3-7,8	J2L	44	16	6	YES			N
7A	TB5-5,6	J5U	57	7	7	YES		3	S
8B	TB5-9,10	J6U	42	8	8	YES			S
8C	TB5-11,12	J6L	46	18	8	YES		15	S
*S4A	TB6-9,10	I9U	60	11	SYS	NO			N
*S4B	TB6-11,12	I9L	62	13	SYS	NO			N
*S8A	TB7-9,10	J9U	59	15	SYS	NO			N

* System detector only. Remove any assigned vehicle phase.



THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 06-0849
 DESIGNED: June 2016
 SEALED: 8/18/2016
 REVISED:

9/21/2016 K:\REAL_TPOK\SIGNALS\4011036345 Fayetteville Electrical\Coals654 - Signal Design\5th_Submit\Final\1801_060849-2016e.dgn Susan Pennington

Electrical Detail

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

Prepared For:

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Division 6 Cumberland County Fayetteville

PLAN DATE: August 2016 REVIEWED BY: SL Phillips

PREPARED BY: SP Pennington REVIEWED BY: KP Baumann

REVISIONS	INIT.	DATE

DocuSign By:
 067456ED06B437 9/22/2016

SIG. INVENTORY NO. 06-0849