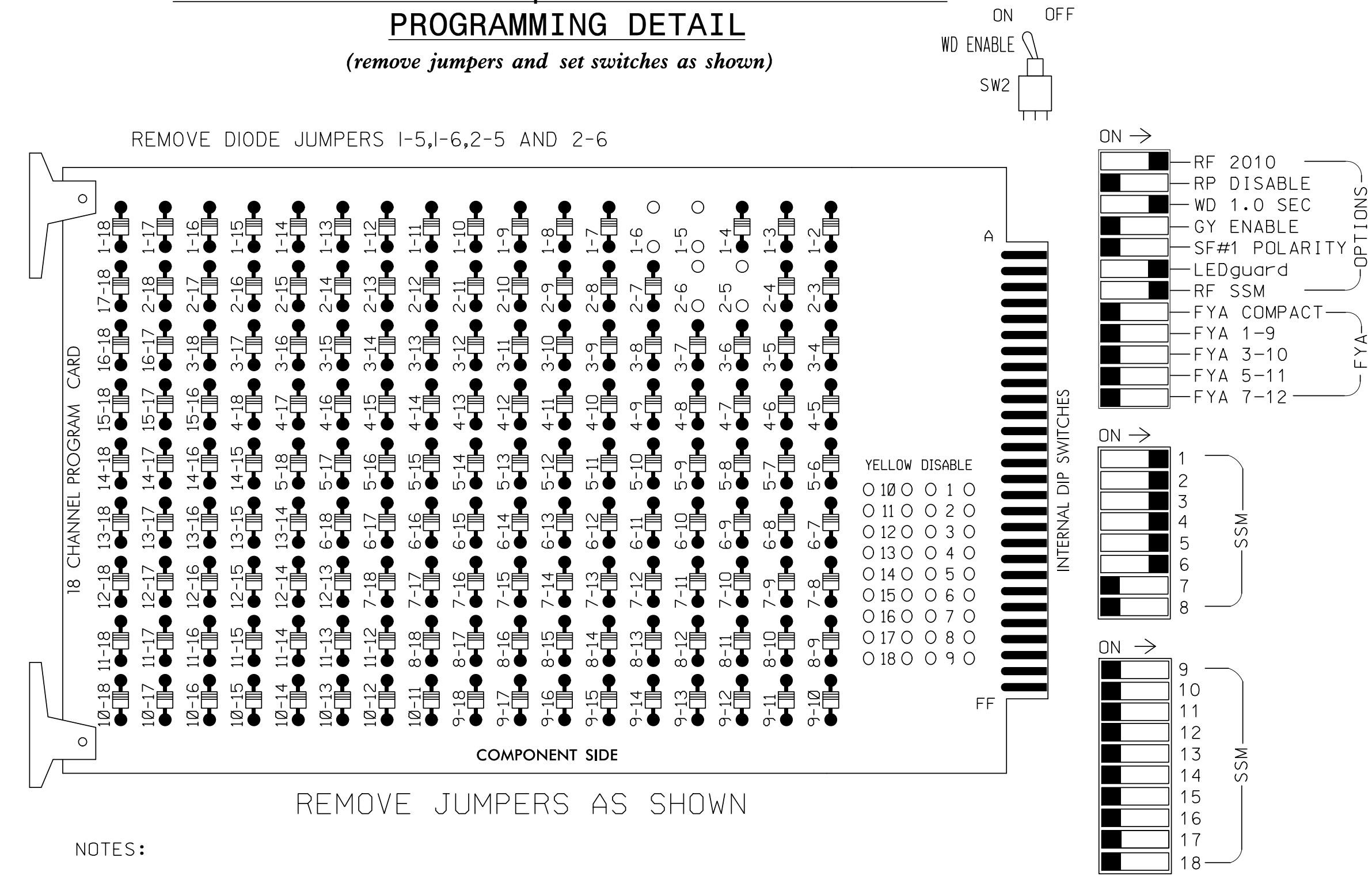


EDI MODEL 2018ECLip-NC CONFLICT MONITOR PROGRAMMING DETAIL

(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

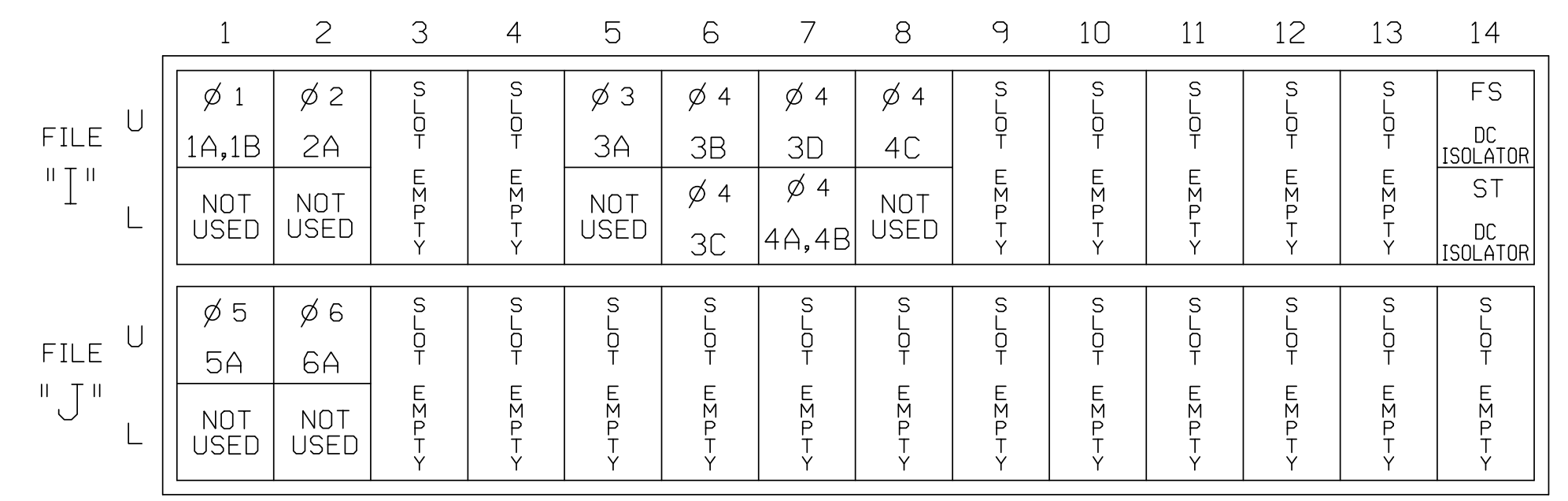
SIGNAL HEAD HOOK-UP CHART

LOAD SWITCH NO.	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	S11	S12						
CMJ 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	NU	22	31,32	33,34	41	42	62	NU	42	51	61,62	NU	NU	NU	NU
RED			128				116	101	101						134			
YELLOW			129				117	102	102						135			
GREEN			130				118	103	103						136			
RED ARROW	125						116								131			
YELLOW ARROW	126	126					117	117		102			132	132				
GREEN ARROW	127	127					118	118		103			133	133				

NU = Not Used

INPUT FILE POSITION LAYOUT

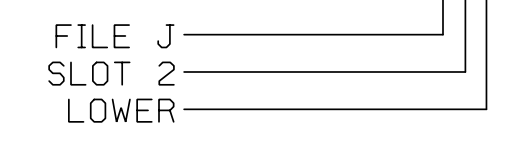
(front view)



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
1A,1B	TB2-1,2	I1U	56	1	1	YES			S
2A	TB2-5,6	I2U	39	2	2	YES			N
3A	TB4-5,6	I5U	58	3	3	YES			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		15	S
4A,4B	TB6-3,4	I7L	78	44	4	YES			S
4C	TB6-5,6	I8U	49	24	4	YES		15	S
5A	TB3-1,2	J1U	55	5	5	YES			S
6A	TB3-5,6	J2U	40	6	6	YES			N

INPUT FILE POSITION LEGEND: J2L



THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 06-0768
 DESIGNED: March 2016
 SEALED: 5/31/2016
 REVISED:

8/11/2016 K:\MAIL_P\T\K\SIGNALS\4011036345_Foyeh\evl\le E\lectr\Coal\sk654 - Signal Des\gn\2nd_Submit\10147131_060768-2016e.dgn Susan_Pennington

Electrical Detail

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

Prepared For:

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SR 1600 (McArthur Road) at SR 1613 (Honeycutt Road)

Division 6	Cumberland County	Fayetteville
PLAN DATE: July 2016	REVIEWED BY: KP Baumann	
PREPARED BY: SP Pennington	REVIEWED BY: SL Phillips	
REVISIONS	INIT.	DATE

SEAL

 Stacie L. Phillips
 PROFESSIONAL ENGINEER
 STATE OF NORTH CAROLINA
 License No. 032607
 8/11/2016
 DATE
 SIG. INVENTORY NO. 06-0768