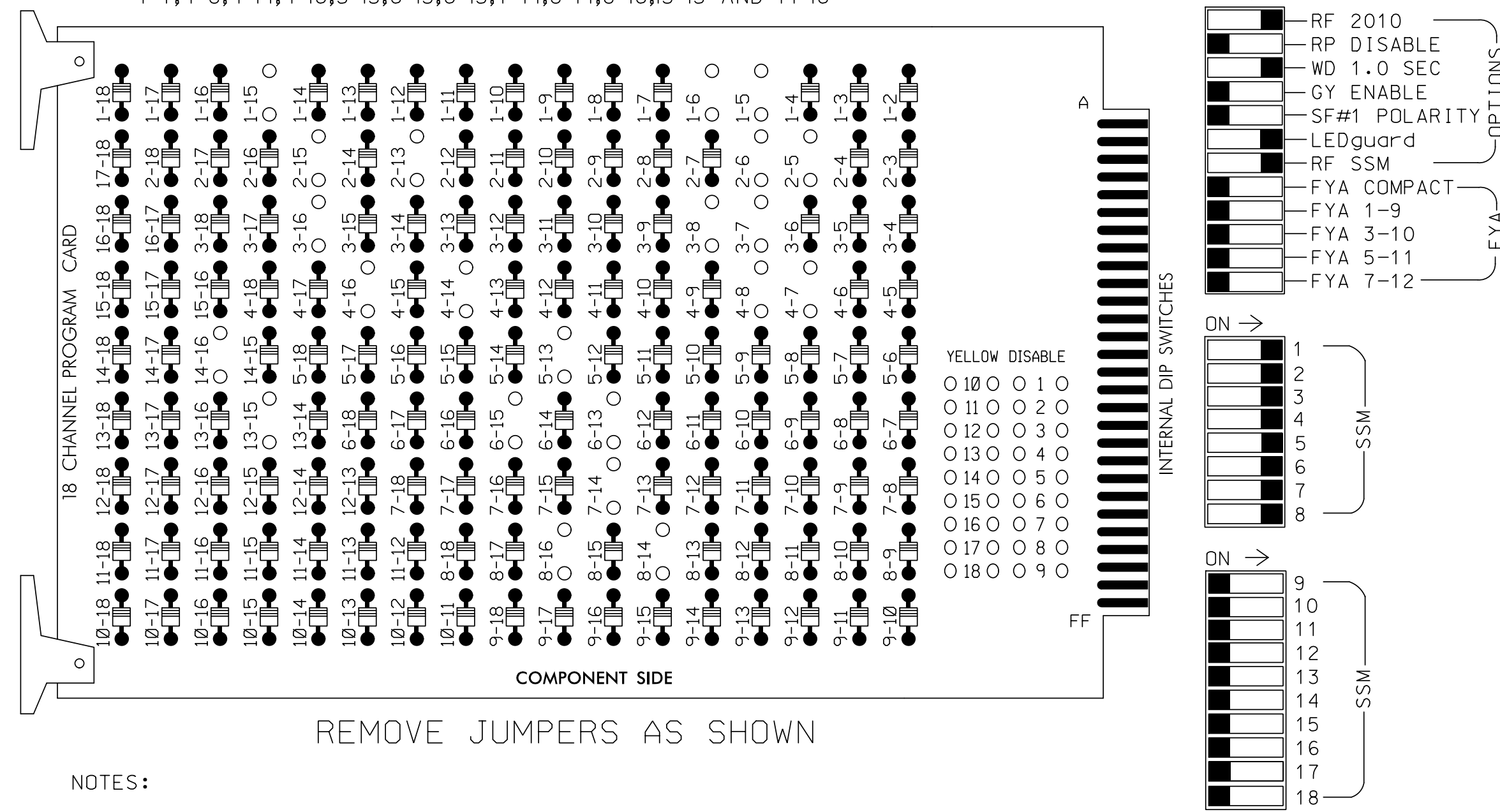


**EDI MODEL 2018ECLIP-NC CONFLICT MONITOR
PROGRAMMING DETAIL**

(remove jumpers and set switches as shown)

REMOVE DIODE JUMPERS: J-5,1-6,1-15,2-5,2-6,2-13,2-15,3-7,3-8,3-16,4-7,4-8,4-14,4-16,5-13,6-13,6-15,7-14,8-14,8-16,13-15 AND 14-16



REMOVE JUMPERS 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.

■ = DENOTES POSITION OF SWITCH

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 Walk and 6 Walk.
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,S3,S4,S5,S6,S7,S8,S9,S10,S11,S12
 PHASES USED.....1,2,2PED,3,4,4PED,5,6,6PED,7,8,8PED
 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	P21, P22	31,32	41,42,43	P41, P42	51	61,62,63	P61, P62	71	81,82,83	P81, P82
RED		128			101			134				107
YELLOW		129			102			135				108
GREEN		130			103			136				109
RED ARROW	125			116			131			122		
YELLOW ARROW	126			117			132			123		
GREEN ARROW	127			118			133			124		
Hand icon				113			104			119		110
Walking person icon				115			106			121		112

NU = Not Used

INPUT FILE POSITION LAYOUT

(front view)

FILE	1	2	3	4	5	6	7	8	9	10	11	12	13	14
U	∅ 1 1A	∅2/SYS 2A/S2A	∅2/SYS 2C/S2C	S -O/S	∅ 3 3A	∅ 3 3B	∅ 4 4A	∅ 4 4C	S -O/S	S -O/S	S -O/S	∅2 PED DC ISOLATOR	∅6 PED DC ISOLATOR	FS DC ISOLATOR
L	NOT USED	∅2/SYS 2B/S2B	NOT USED	∅4 4B	NOT USED	NOT USED	NOT USED	NOT USED	∅4 PED DC ISOLATOR	∅8 PED DC ISOLATOR	∅8 PED DC ISOLATOR	∅8 PED DC ISOLATOR	∅8 PED DC ISOLATOR	∅8 PED DC ISOLATOR
U	∅ 5 5A	∅6/SYS 6A/S6A	∅6/SYS 6C/S6C	S -O/S	∅ 7 7A	∅ 8 8A	S -O/S	S -O/S	S -O/S	S -O/S	S -O/S	S -O/S	S -O/S	S -O/S
L	NOT USED	∅6/SYS 6B/S6B	NOT USED	∅ 8 8B	NOT USED	NOT USED	NOT USED	NOT USED	NOT USED	NOT USED	NOT USED	NOT USED	NOT USED	NOT USED

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

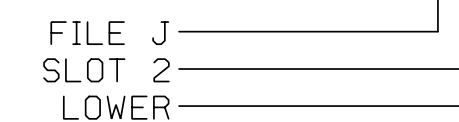
FS = FLASH SENSE
 ST = STOP TIME

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	TB2-1,2	I1U	56	1	1	YES			S
2A/S2A	TB2-5,6	I2U	39	2	2	YES			N
2B/S2B	TB2-7,8	I2L	43	12	2	YES			N
2C/S2C	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			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		15	S
5A	TB3-1,2	J1U	55	5	5	YES			S
6A/S6A	TB3-5,6	J2U	40	6	6	YES			N
6B/S6B	TB3-7,8	J2L	44	16	6	YES			N
6C/S6C	TB3-9,10	J3U	64	36	6	YES			N
7A	TB5-5,6	J5U	57	7	7	YES			S
8A	TB5-9,10	J6U	42	8	8	YES			S
8B	TB5-11,12	J6L	46	18	8	YES		15	S
PED PUSH BUTTONS									
P21,P22	TB8-4,6	I12U	67	PED 2	2 PED				
P41,P42	TB8-5,6	I12L	69	PED 4	4 PED				
P61,P62	TB8-7,9	I13U	68	PED 6	6 PED				
P81,P82	TB8-8,9	I13L	70	PED 8	8 PED				

NOTE:
 INSTALL DC ISOLATORS IN INPUT FILE SLOTS I12 AND I13.

INPUT FILE POSITION LEGEND: J2L



COUNTDOWN PEDESTRIAN SIGNAL OPERATION

Countdown Ped Signals are required to display timing only during Ped Clearance Interval. Consult Ped Signal Module user's manual for instructions on selecting this feature.

THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 06-0075
 DESIGNED: May 2016
 SEALED: 6/14/2016
 REVISED:

Electrical Detail

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

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Division 6 Cumberland County Fayetteville

PLAN DATE: July 2016 REVIEWED BY: SL Phillips

PREPARED BY: SP Pennington REVIEWED BY: KB Baumann

REVISIONS INIT. DATE

9/16/2016

SIG. INVENTORY NO. 06-0075