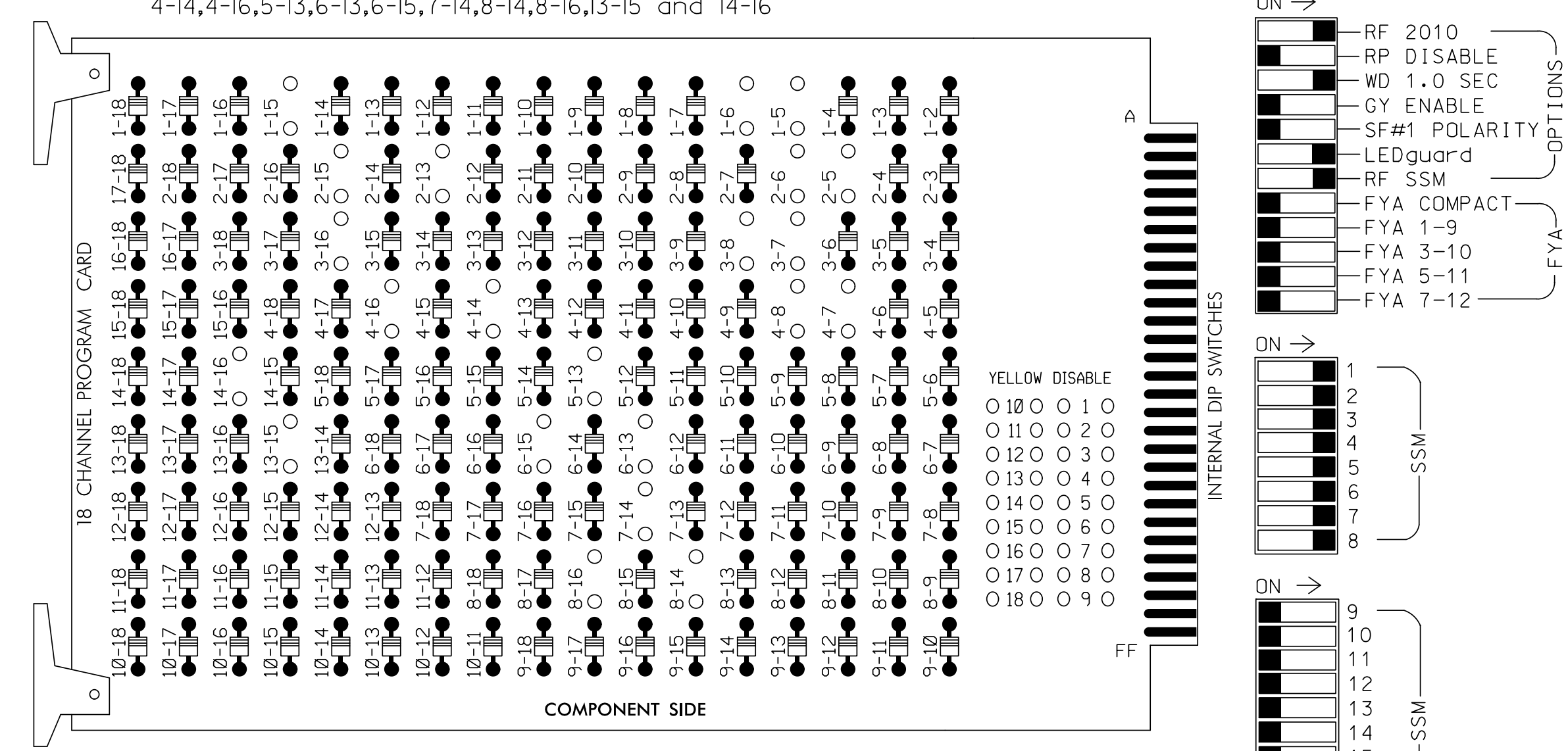


EDI MODEL 2018ECLIP-NC CONFLICT MONITOR PROGRAMMING DETAIL

(remove jumpers and set switches as shown)

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



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 controller to start up in phase 2 Walk and 6 Walk.
- 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	P21, P22	31,32	41,42	P41, P42	51	61,62	P61, P62	62	71,72	81,82	P81, P82
RED	128				101			134				107	
YELLOW		129			102			135				108	
GREEN		130						136				109	
RED ARROW	125			116			131			122			
YELLOW ARROW	126			117			132			123	123		
GREEN ARROW	127			118	103		133			124	124		
Hand icon				113			104			119		110	
Walking person icon				115			106			121		112	

NU = Not Used

INPUT FILE POSITION LAYOUT

(front view)

FILE	U	1	2	3	4	5	6	7	8	9	10	11	12	13	14		
"I"	U	∅ 1 1A	∅ 2 2A,2B, 2C	∅ 3 3A	∅ 3 3B	∅ 4 4A	∅ 4 4B	∅ 4 4C	∅ 4 4D	∅ 5 5A	∅ 5 5B	∅ 6 6A,6B, 6C	∅ 7 7A	∅ 7 7B	∅ 8 8A	∅ 8 8B	
	L	NOT USED	NOT USED	NOT USED	NOT USED	NOT USED	NOT USED	NOT USED	NOT USED	NOT USED	NOT USED	NOT USED	NOT USED	NOT USED	NOT USED	NOT USED	
"J"	U	∅ 5 5A	∅ 6 6A,6B, 6C	∅ 7 7A	∅ 7 7B	∅ 8 8A	∅ 8 8B	∅ 8 8C	∅ 8 8D	∅ 9 9A	∅ 9 9B	∅ 10 10A	∅ 10 10B	∅ 11 11A	∅ 11 11B	∅ 12 12A	∅ 12 12B
	L	NOT USED	NOT USED	NOT USED	NOT USED	NOT USED	NOT USED	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

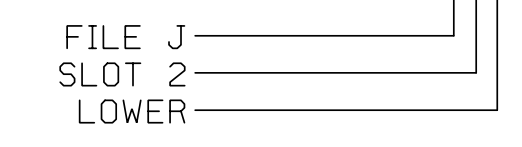
FS = FLASH SENSE
 ST = STOP TIME

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,2B,2C	TB2-5,6	I2U	39	2	2	YES			S
3A	TB4-5,6	I5U	58	3	3	YES		3	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		5	S
4C	TB6-5,6	I8U	49	24	4	YES		10	S
5A	TB3-1,2	J1U	55	5	5	YES		3	S
6A,6B,6C	TB3-5,6	J2U	40	6	6	YES			S
7A	TB5-5,6	J5U	57	7	7	YES			S
7B	TB5-9,10	J6U	42	8	7	YES			S
8A	TB7-1,2	J7U	66	38	8	YES			S
8B	TB7-3,4	J7L	79	48	8	YES		5	S
8C	TB7-5,6	J8U	50	28	8	YES		10	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: 06-0040
 DESIGNED: April 2016
 SEALED: 5/6/2016
 REVISED:

Electrical Detail

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

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PLAN DATE: June 2016 REVIEWED BY: KP Baumann

PREPARED BY: SP Pennington REVIEWED BY: SL Phillips

REVISIONS INIT. DATE

7/14/2016

SIG. INVENTORY NO. 06-0040