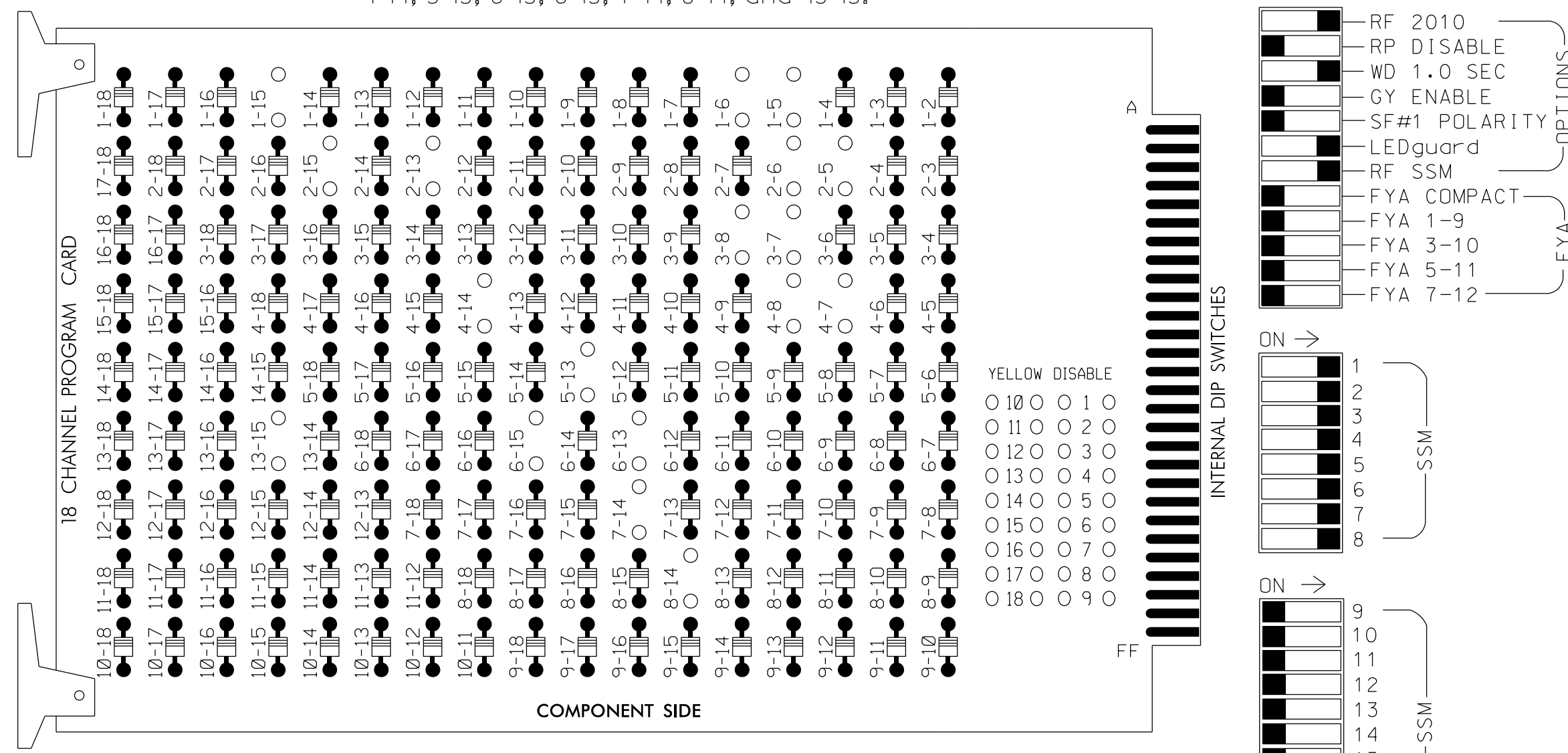


EDI MODEL 2018ECLip-NC CONFLICT MONITOR PROGRAMMING DETAIL

(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, 4-7, 4-8, 4-14, 5-13, 6-13, 6-15, 7-14, 8-14, and 13-15.



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.
- 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.....2070
 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
 PHASES USED.....1,2,2PED,3,4,4PED,5,6,6PED,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	21,22,23	P21, P22	31	41,42	P41, P42	51	61,62,63	P61, P62	71,72	81,82	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			117			132			123		
GREEN ARROW	127			118			133			124		
Hand icon			113			104			119			
Walking person icon			115			106			121			

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
∅ 1	∅ 1	∅ 2	∅ 2	∅ 3	∅ 4	SYS. DET. S2A	S	SYS. DET. S2A	S	S	∅ 2 PED	∅ 6 PED	FS	DC ISOLATOR
NOT USED	2A	2C	NOT USED	4B	4A	SYS. DET. S2B	Y	SYS. DET. S6A	Y	Y	DC ISOLATOR	NOT USED	DC ISOLATOR	DC ISOLATOR
FILE "J"	∅ 5	∅ 6	∅ 6	S	S	∅ 7	∅ 8	S	SYS. DET. S6B	S	S	S	S	S
NOT USED	6B	NOT USED	NOT USED	7B	8B	∅ 7	∅ 8	Y	SYS. DET. S6C	Y	Y	Y	Y	Y

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

FS = FLASH SENSE
 ST = STOP TIME

INPUT FILE CONNECTION & PROGRAMMING CHART

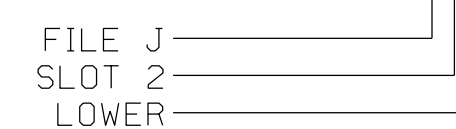
LOOP NO.	LOOP TERMINAL	INPUT FILE POS.	PIN NO.	DETECTOR NO.	NEMA PHASE	CALL	EXTEND TIME	DELAY TIME	ADDED INITIAL	DETECTOR TYPE
1A	TB2-1,2	I1U	56	1	1	YES				S
1B	TB2-5,6	I2U	39	2	1	YES				S
2A	TB2-7,8	I2L	43	12	2	YES			X	N
2B	TB2-9,10	I3U	63	32	2	YES			X	N
2C	TB2-11,12	I3L	76	42	2	YES			X	N
3A	TB4-5,6	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				S
5A	TB3-1,2	J1U	55	5	5	YES				S
6A	TB3-5,6	J2U	40	6	6	YES			X	N
6B	TB3-7,8	J2L	44	16	6	YES			X	N
6C	TB3-9,10	J3U	64	36	6	YES			X	N
7A	TB5-9,10	J6U	42	8	7	YES		3		S
7B	TB5-11,12	J6L	46	18	7	YES				S
8A	TB7-1,2	J7U	66	38	8	YES				S
8B	TB7-3,4	J7L	79	48	8	YES		10		S
*S2A	TB6-1,2	I7U	65	34	SYS	NO				N
*S2B	TB6-3,4	I7L	78	44	SYS	NO				N
*S2C	TB6-9,10	I9U	60	11	SYS	NO				N
*S6A	TB6-11,12	I9L	62	13	SYS	NO				N
*S6B	TB7-9,10	J9U	59	15	SYS	NO				N
*S6C	TB7-11,12	J9L	61	17	SYS	NO				N

PED PUSH BUTTONS	LOOP	FILE POS.	PIN	DETECTOR	PHASE
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

NOTE: INSTALL DC ISOLATORS IN INPUT FILE SLOTS 112 AND 113.

* System detector only. Remove any assigned vehicle phase.

INPUT FILE POSITION LEGEND: J2L



Electrical Detail

ELECTRICAL AND PROGRAMMING DETAILS FOR:

NC 24-87 (Bragg Boulevard) at Fort Bragg Road/ Cain Road

Division 6 Cumberland County Fayetteville
 PLAN DATE: December 2022 REVIEWED BY: M. L. Stygles
 PREPARED BY: J. Ma REVIEWED BY:

REVISIONS	INIT.	DATE



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750 Greenfield Parkway, Garner, NC 27529

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SEAL
 NORTH CAROLINA PROFESSIONAL ENGINEER
 SEAL 033108
 J. Ma
 1/6/2023
 DATE
 SIG. INVENTORY NO. 06-0425