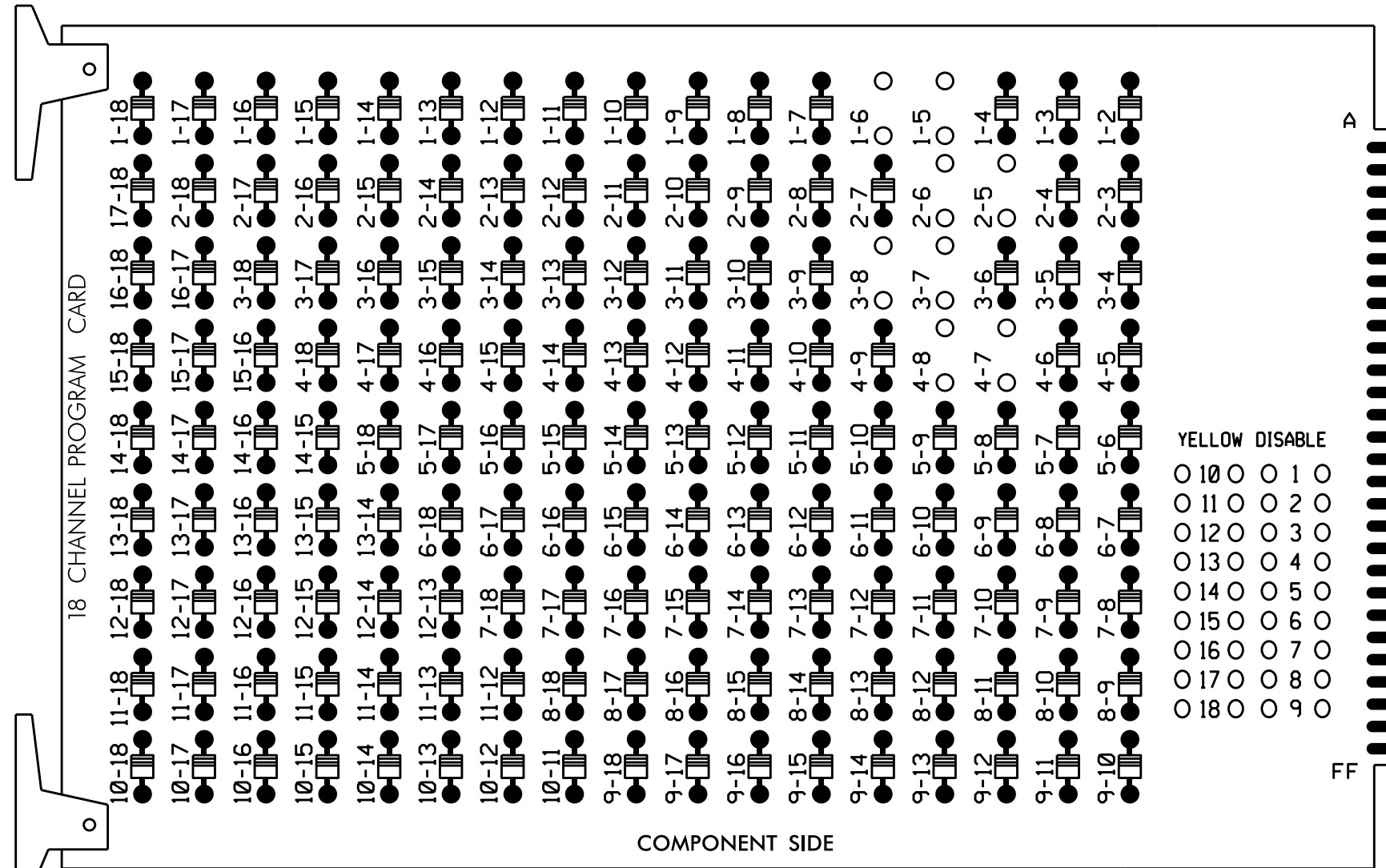


EDI MODEL 2018EClip-NC CONFLICT MONITOR

PROGRAMMING DETAIL

(remove jumpers and set switches as shown)

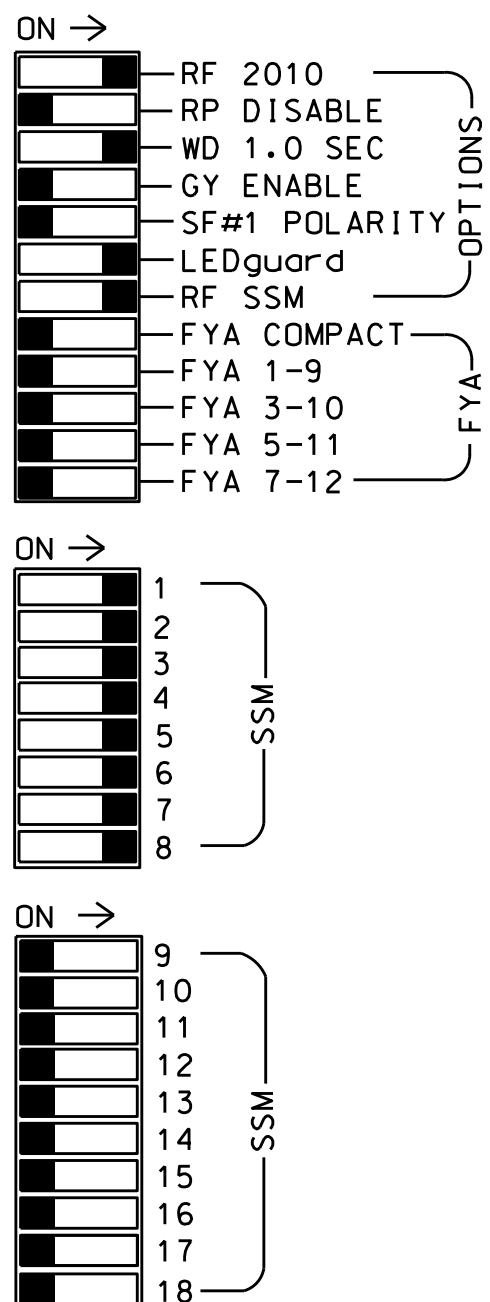
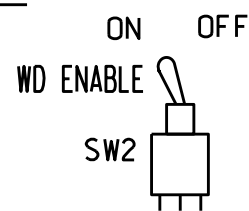
REMOVE DIODE JUMPERS 1-5, 1-6, 2-5, 2-6, 3-7, 3-8, 4-7 and 4-8.



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 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	21,22	NU	31	41,42	NU	51	61,62	NU	71,72	81,82	NU
RED		128			101			134				107
YELLOW					102			135				108
GREEN					103			136				109
RED ARROW	125			116			131				122	
YELLOW ARROW	126			117			132				123	
GREEN ARROW	127			118			133				124	

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
U	∅ 1 1A	∅ 1 1B	∅ 2 2B	S TOP	∅ 3 3A	∅ 4 4A	SYS. DET. S2A	S TOP	SYS. DET. S2C	S TOP	S TOP	S TOP	S TOP	FS DC ISOLATOR
L	NOT USED	∅ 2 2A	∅ 2 2C	← TOP	NOT USED	∅ 4 4B	SYS. DET. S2B	← TOP	SYS. DET. S6A	← TOP	← TOP	← TOP	← TOP	ST DC ISOLATOR
U	∅ 5 5A	∅ 6 6A	∅ 6 6C	S TOP	S TOP	∅ 7 7A	∅ 8 8A	S TOP	SYS. DET. S6B	S TOP	S TOP	S TOP	S TOP	S TOP
L	NOT USED	∅ 6 6B	NOT USED	← TOP	← TOP	∅ 7 7B	∅ 8 8B	← TOP	SYS. DET. S6C	← TOP	← TOP	← TOP	← TOP	← TOP

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

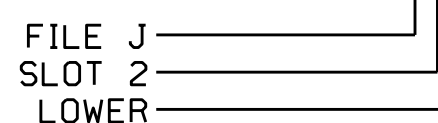
FS = FLASH SENSE
 ST = STOP TIME

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	TB2-7,8	I2L	43	12	2	YES			N
2B	TB2-9,10	I3U	63	32	2	YES			N
2C	TB2-11,12	I3L	76	42	2	YES			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			N
6B	TB3-7,8	J2L	44	16	6	YES			N
6C	TB3-9,10	J3U	64	36	6	YES			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

* System detector only. Remove any assigned vehicle phase.

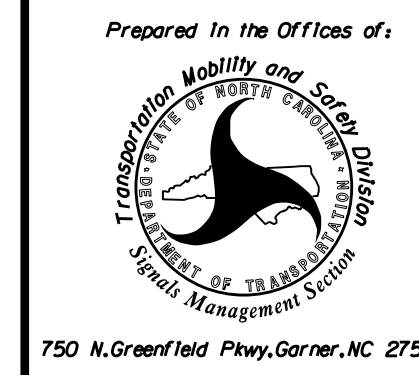
INPUT FILE POSITION LEGEND: J2L



THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 06-0425
 DESIGNED: October 2015
 SEALED: 3/2/2016
 REVISED:

Electrical Detail

ELECTRICAL AND PROGRAMMING DETAILS FOR:

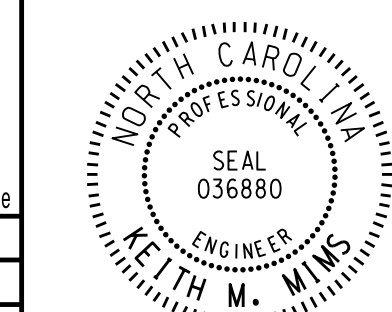


NC 24-87 (Bragg Boulevard) at Fort Bragg Road/ Cain Road

Division 6 Cumberland County Fayetteville
 PLAN DATE: February 2016 REVIEWED BY: BAS
 PREPARED BY: C. Strickland REVIEWED BY:

REVISIONS	INIT.	DATE

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



DocuSigned by: Keith M. Mims 3/31/2016
 2F60798EBCD3445 DATE
 SIG. INVENTORY NO. 06-0425