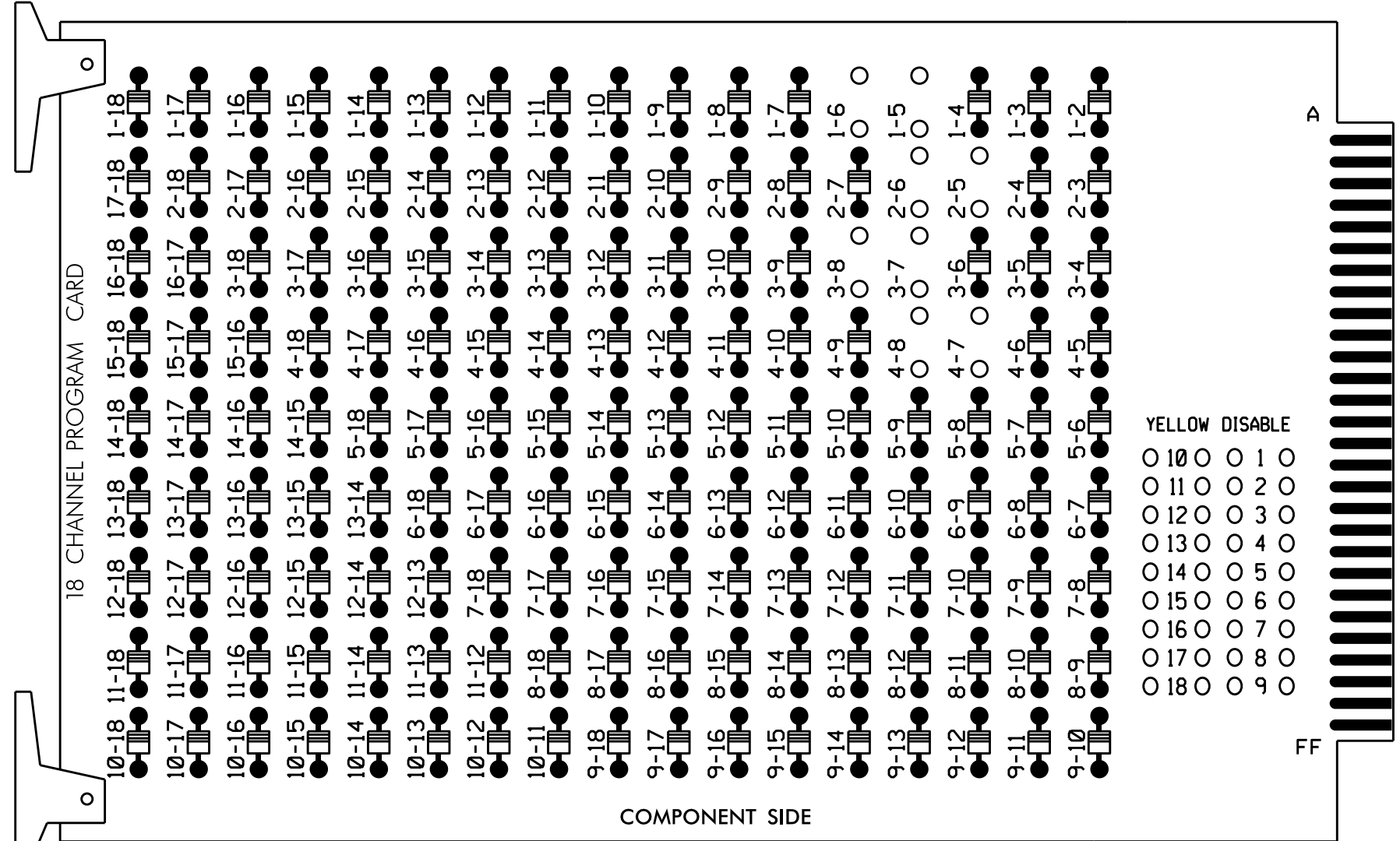


EDI MODEL 2018EClip-NC CONFLICT MONITOR

PROGRAMMING DETAIL

(remove jumpers and set switches as shown)

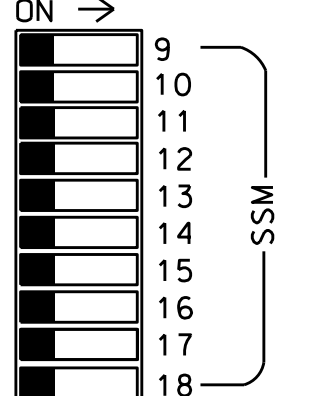
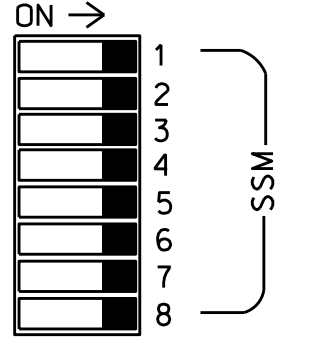
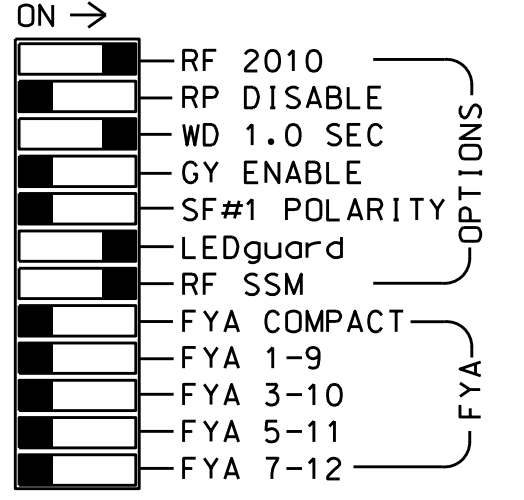
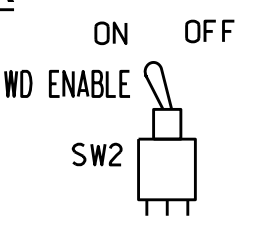
REMOVE DIODE JUMPERS 1-5, 1-6, 2-5, 2-6, 3-7, 3-8, 4-7 and 4-8.



REMOVE JUMPERS AS SHOWN

NOTES:

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, 4, 6 and 8 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,S10,S11
 PHASES USED.....1,2,3,4,5,6,7,8
 OVERLAPS.....NONE

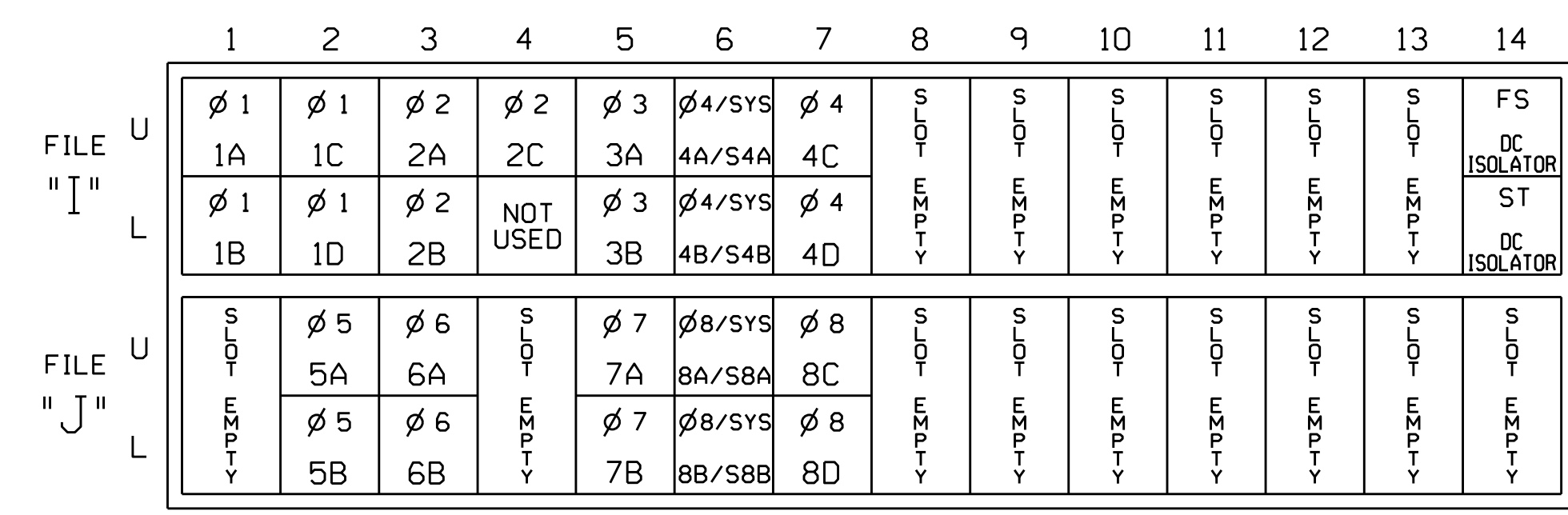
SIGNAL HEAD HOOK-UP CHART

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	83,84	21,22, 23,24	NU	23	31,32	41, 42,43	NU	42	51	61, 62,63	NU	62	71,72	81, 82,83 84,85	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	126			117	117		132	132			123	123			
GREEN ARROW	127	127			118	118		133	133			124	124			

NU = Not Used

INPUT FILE POSITION LAYOUT

(front view)



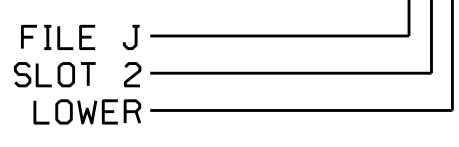
EX.: 1A, 2A, ETC. = LOOP NO.'S

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	TB2-3,4	I1L	56	1	1	YES			S
1C	TB2-5,6	I2U	39	2	1	YES		15	S
1D	TB2-7,8	I2L	43	12	1	YES		15	S
2A	TB2-9,10	I3U	63	32	2	YES			N
2B	TB2-11,12	I3L	76	42	2	YES			N
2C	TB4-1,2	I4U	47	22	2	YES			N
3A	TB4-5,6	I5U	58	3	3	YES			S
3B	TB4-7,8	I5L	58	3	3	YES			S
4A/S4A	TB4-9,10	I6U	41	4	4/SYS	NO			N
4B/S4B	TB4-11,12	I6L	45	14	4/SYS	NO			N
4C	TB6-1,2	I7U	65	34	4	YES	2.0	5	G
4D	TB6-3,4	I7L	78	44	4	YES	2.0	5	G
5A	TB3-5,6	J2U	40	6	5	YES			S
5B	TB3-7,8	J2L	44	16	5	YES		15	S
6A	TB3-9,10	J3U	64	36	6	YES			N
6B	TB3-11,12	J3L	77	46	6	YES			N
7A	TB5-5,6	J5U	57	7	7	YES			S
7B	TB5-7,8	J5L	57	7	7	YES			S
8A/S8A	TB5-9,10	J6U	42	8	8/SYS	NO			N
8B/S8B	TB5-11,12	J6L	46	18	8/SYS	NO			N
8C	TB7-1,2	J7U	66	38	8	YES	2.0	5	G
8D	TB7-3,4	J7L	79	48	8	YES	2.0	5	G

INPUT FILE POSITION LEGEND: J2L



THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 06-0274
 DESIGNED: January 2016
 SEALED: 6/15/2016
 REVISED:

Electrical Detail

Electrical and Programming Details for: US 401 (Raeford Road) at NC 162 (Bunce Road) / SR 1411 (Bunce Road) Fayetteville

Division 6 Cumberland County

PLAN DATE: June 2016 REVIEWED BY: BAS

PREPARED BY: C. Strickland REVIEWED BY:

REVISIONS INIT. DATE

DocuSigned by: *Carlynn M. Little* 6/23/2016

750 N. Greenfield Pkwy, Garner, NC 27529

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

SEAL NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 030530 JACOBARY M. LITTLE

SIG. INVENTORY NO. 06-0274

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