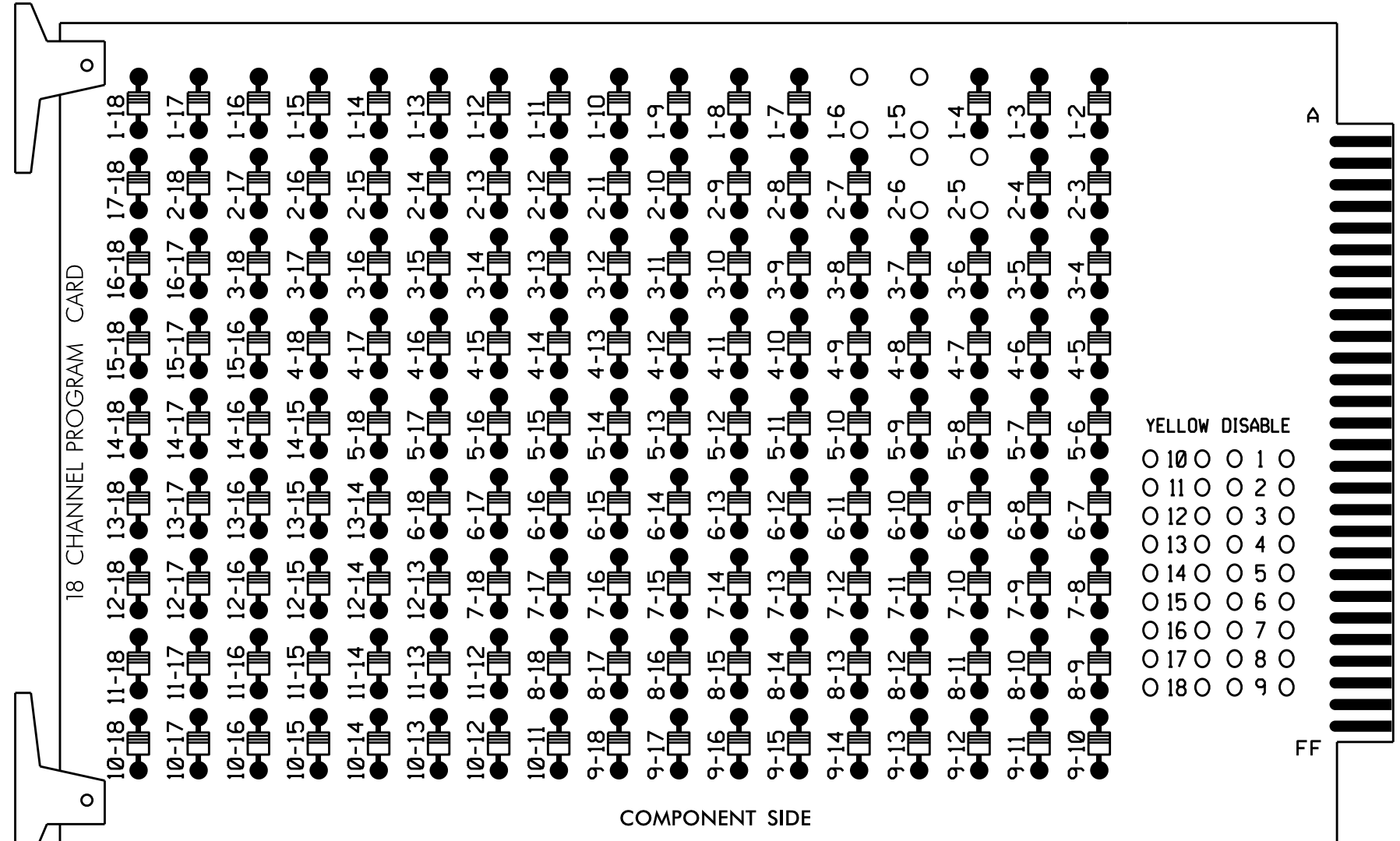


EDI MODEL 2018EClip-NC CONFLICT MONITOR
PROGRAMMING DETAIL

(remove jumpers and set switches as shown)

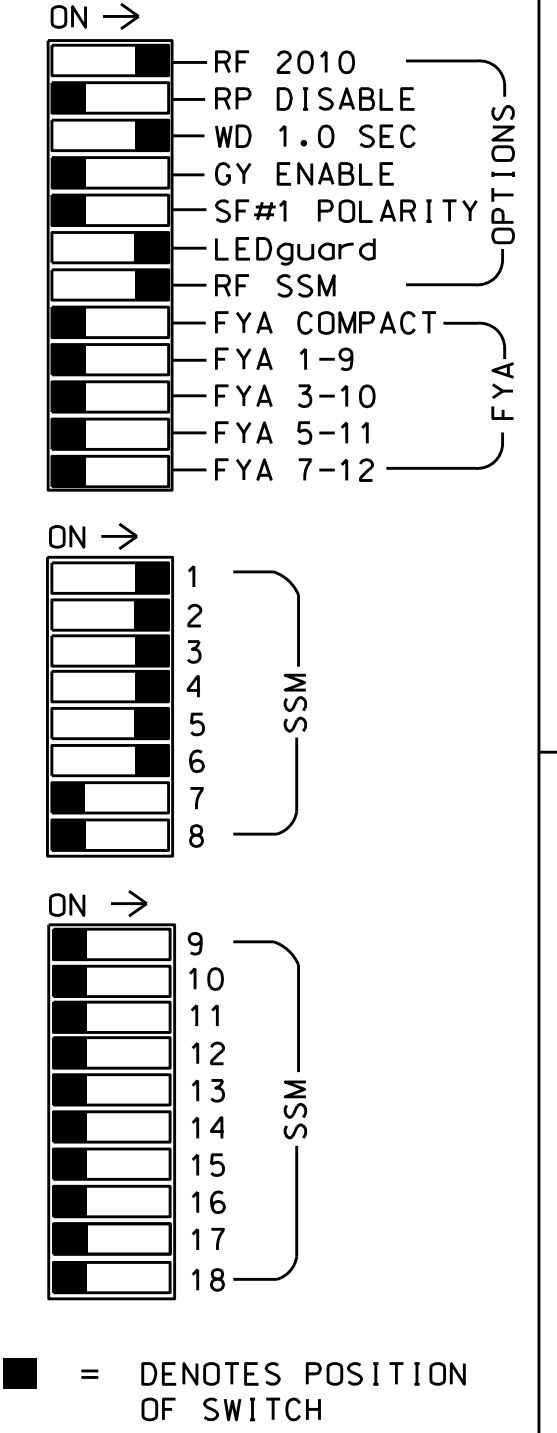
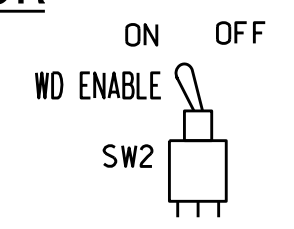
REMOVE DIODE JUMPERS 1-5, 1-6, 2-5 and 2-6.



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.



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 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
 PHASES USED.....1,2,3,4,5,6
 OVERLAPS.....NONE

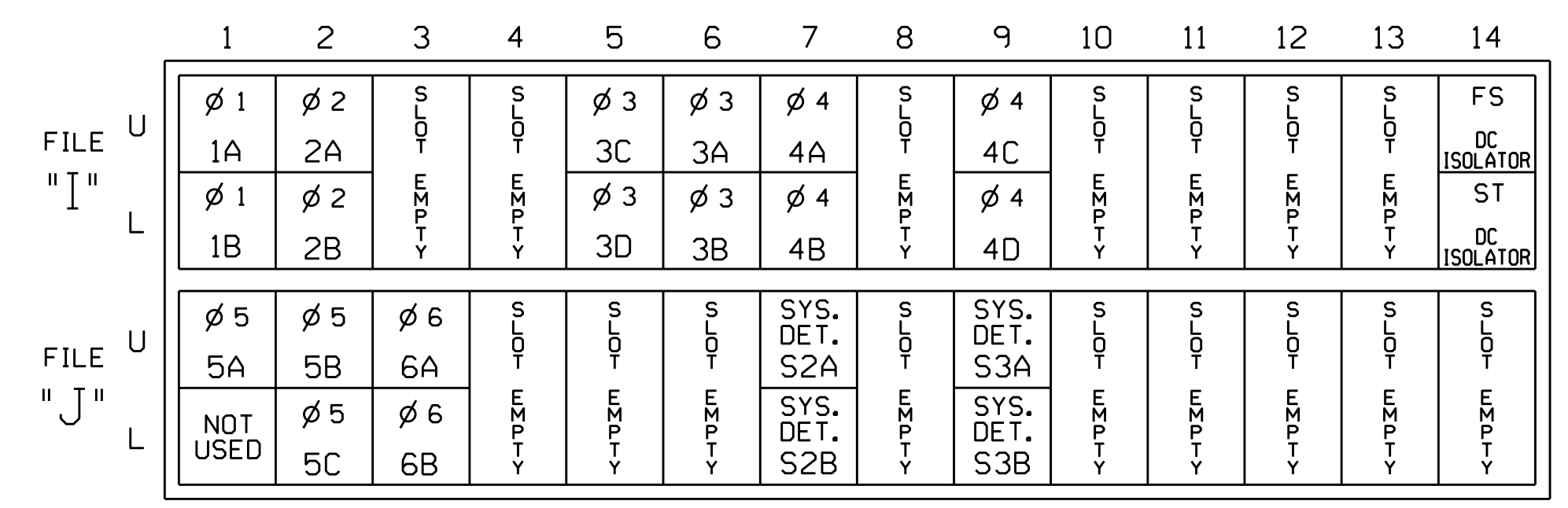
SIGNAL HEAD HOOK-UP CHART

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	22	31,32	33,34	41,42	43,44	62	NU	44	51,52	61,62	NU	NU	NU	NU
RED		128			116		101						134				
YELLOW		129			117		102						135				
GREEN		130			118		103						136				
RED ARROW	125				116		101						131				
YELLOW ARROW	126				117	117	102		102	132	132						
GREEN ARROW	127				118	118	103		103	133	133						

NU = Not Used

INPUT FILE POSITION LAYOUT

(front view)



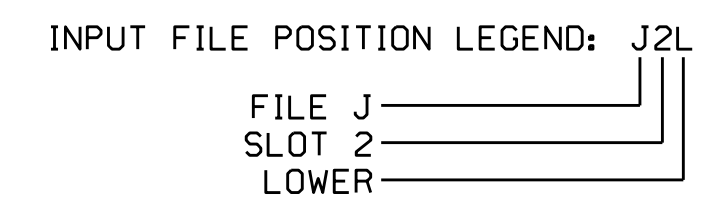
EX.: 1A, 2A, ETC. = LOOP NO.'S

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
2A	TB2-5,6	I2U	39	2	2	YES			N
2B	TB2-7,8	I2L	43	12	2	YES			N
3C	TB4-5,6	I5U	58	3	3	YES			S
3D	TB4-7,8	I5L	58	3	3	YES			S
3A	TB4-9,10	I6U	41	4	3	YES			S
3B	TB4-11,12	I6L	45	14	3	YES		15	S
4A	TB6-1,2	I7U	65	34	4	YES			S
4B	TB6-3,4	I7L	78	44	4	YES			S
4C	TB6-9,10	I9U	60	11	4	YES			S
4D	TB6-11,12	I9L	62	13	4	YES			S
5A	TB3-1,2	J1U	55	5	5	YES			S
5B	TB3-5,6	J2U	40	6	5	YES		20	S
5C	TB3-7,8	J2L	44	16	5	YES			S
6A	TB3-9,10	J3U	64	36	6	YES			N
6B	TB3-11,12	J3L	77	46	6	YES			N
*S2A	TB7-1,2	J7U	66	38	SYS	NO			N
*S2B	TB7-3,4	J7L	79	48	SYS	NO			N
*S3A	TB7-9,10	J9U	59	15	SYS	NO			N
*S3B	TB7-11,12	J9L	61	17	SYS	NO			N

* System detector only. Remove any assigned vehicle phase.



THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 06-0691
 DESIGNED: November 2015
 SEALED: 4-26-16
 REVISED: N/A

Electrical Detail

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

Prepared In the Offices of:
 Transporatio Mobility and Safety Solutions
 750 N. Greenfield Pkwy, Garner, NC 27529

US 401 (Raeford Road) at SR 1400 (Cliffdale Road)

Division 6 Cumberland County Fayetteville

PLAN DATE: April 2016 REVIEWED BY: DTJ

PREPARED BY: James Peterson REVIEWED BY:

REVISIONS INIT. DATE

Seal of Keith M. Mins, Professional Engineer, No. 036880, State of North Carolina.

DocuSigned by: Keith M. Mins 5/20/2016

SIG. INVENTORY NO. 06-0691