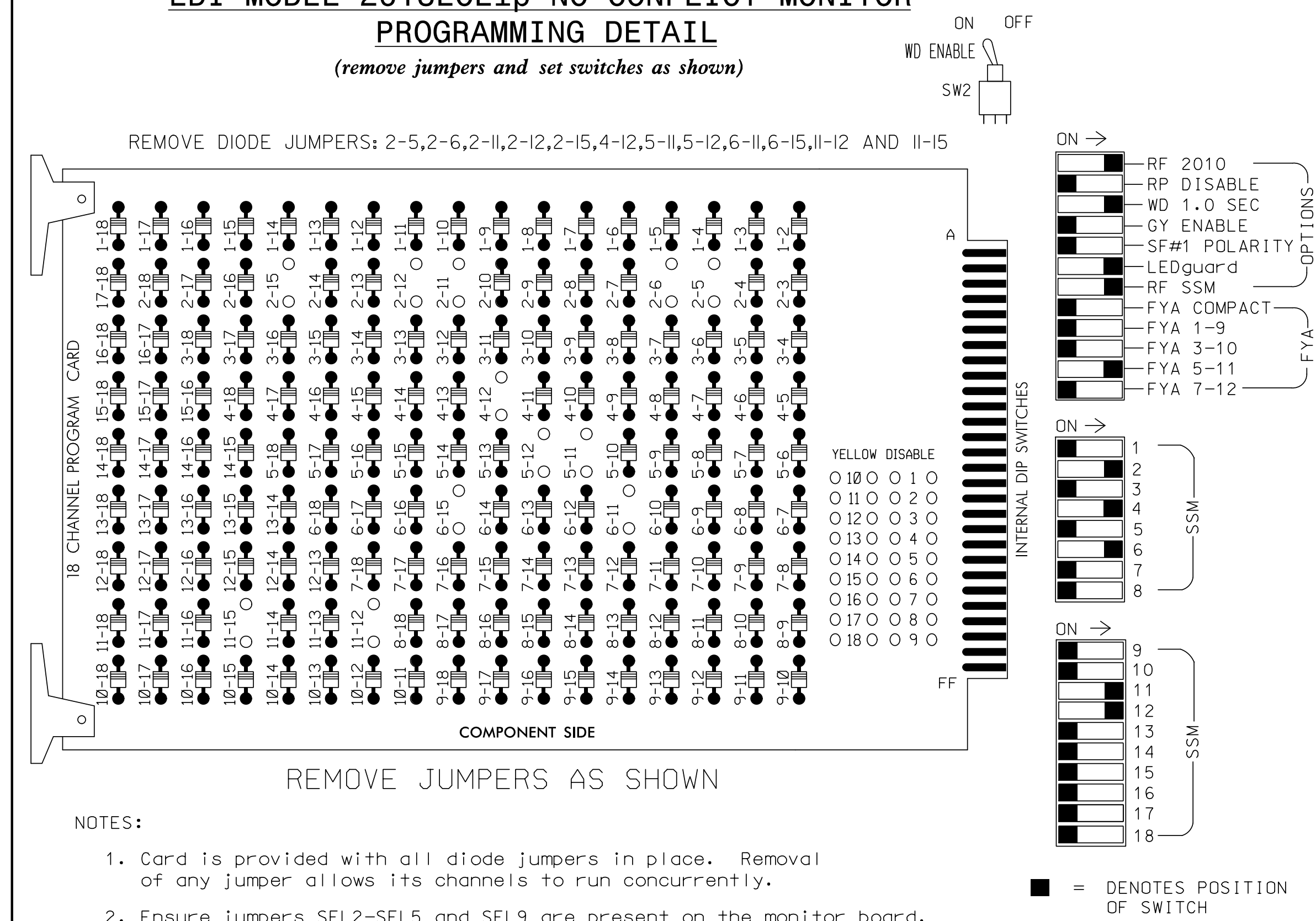


### EDI MODEL 2018ECLIP-NC CONFLICT MONITOR PROGRAMMING DETAIL

(remove jumpers and set switches as shown)



### 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 Walk.
- The cabinet and controller are part of the Fayetteville Signal System.

### EQUIPMENT INFORMATION

CONTROLLER.....2070E  
 CABINET.....332 W/AUX  
 SOFTWARE.....ECONOLITE ASC/3-2070  
 CABINET MOUNT.....BASE  
 OUTPUT FILE POSITIONS...18 WITH AUX. OUTPUT FILE  
 LOAD SWITCHES USED.....S2,S5,S7,S8,S9,AUX S4,AUX S5  
 PHASES USED.....2,4,5,6,6PED  
 OVERLAP "A".....NOT USED  
 OVERLAP "B".....NOT USED  
 OVERLAP "C".....\*  
 OVERLAP "D".....4+5  
 \* See overlap programming detail on sheet 2

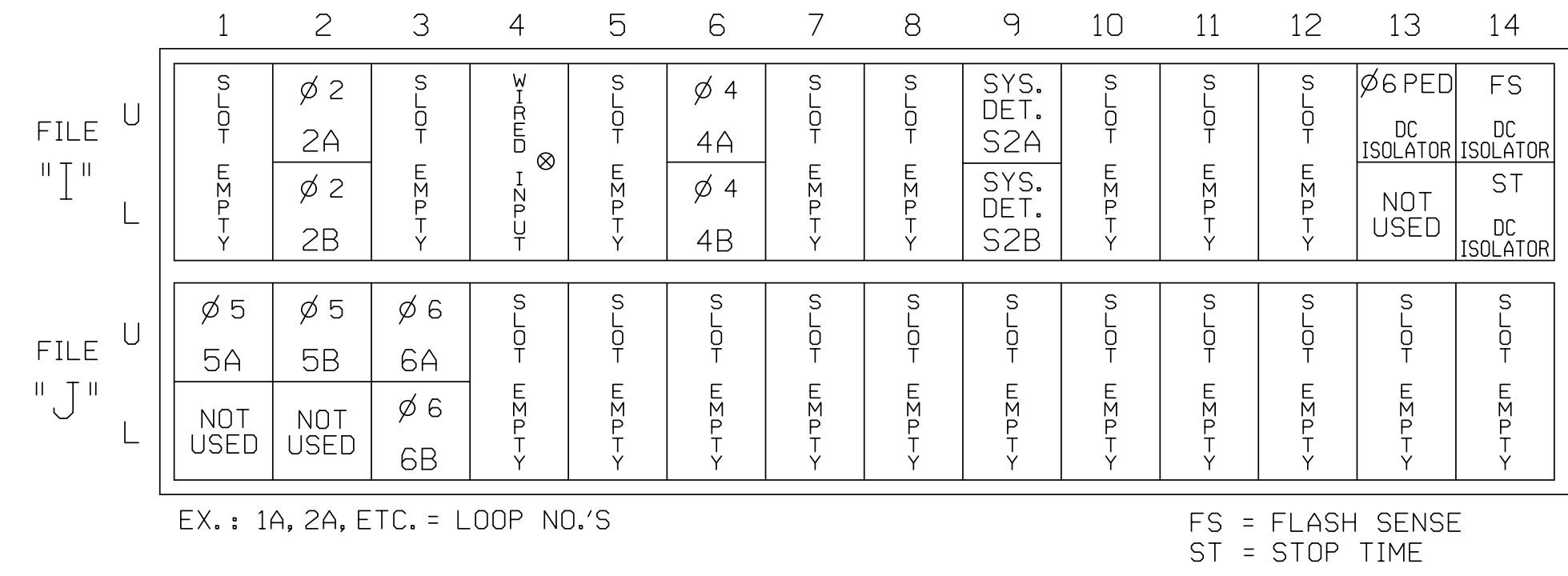
### SIGNAL HEAD HOOK-UP CHART

LOAD SWITCH NO.	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	S11	S12	AUX S1	AUX S2	AUX S3	AUX S4	AUX S5	AUX S6
CMU CHANNEL NO.	1	2	13	3	4	14	5	6	15	7	8	16	9	10	17	11	12	18
PHASE	1	2	2 PED	3	4	4 PED	5	6	6 PED	7	8	8 PED	OLA	OLB	SPARE	OLC	OLD	SPARE
SIGNAL HEAD NO.	NU	21,22	NU	NU	41,42	62	NU	51	61,62	NU	NU	NU	NU	NU	NU	51	52	NU
RED		128							134									A101
YELLOW		129					*		135									
GREEN		130							136									
RED ARROW					101													A114
YELLOW ARROW					102	102												A115 A102
FLASHING YELLOW ARROW																		A116
GREEN ARROW					103	103		133										A103
Hand									119									
Walking									121									

NU = Not Used  
 \* Denotes install load resistor. See load resistor installation detail this sheet.  
 ★ See pictorial of head wiring in detail this sheet.

### INPUT FILE POSITION LAYOUT

(front view)



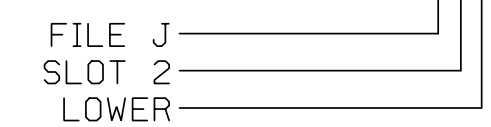
### INPUT FILE CONNECTION & PROGRAMMING CHART

LOOP NO.	LOOP TERMINAL	INPUT FILE POS.	PIN NO.	DETECTOR NO.	NEMA PHASE	CALL	EXTEND TIME	DELAY TIME	DETECTOR TYPE
2A	TB2-5,6	I2U	39	2	2	YES			N
2B	TB2-7,8	I2L	43	12	2	YES			N
4A	TB4-9,10	I6U	41	4	4	YES			S
4B	TB4-11,12	I6L	45	14	4	YES			S
5A <sup>1</sup>	TB3-1,2	J1U	55	5	5	YES		15	S
		I4U	47	22	2	YES		3	G
5B	TB3-5,6	J2U	40	6	5	YES		10	S
6A	TB3-9,10	J3U	64	36	6	YES			N
6B	TB3-11,12	J3L	77	46	6	YES			N
*S2A	TB6-9,10	I9U	60	11	SYS	NO			N
*S2B	TB6-11,12	I9L	62	13	SYS	NO			N
PED PUSH BUTTONS									
P61,P62	TB8-7,9	I13U	68	PED 6	6 PED				

NOTE:  
 INSTALL DC ISOLATORS IN INPUT FILE SLOT I13.

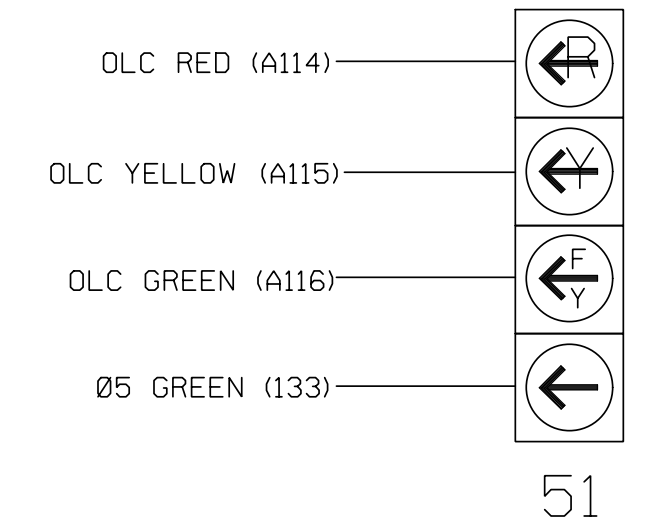
- <sup>1</sup>Add jumper from J1-W to I4-W, on rear of input file.  
 \* System detector only. Remove any assigned vehicle phase.

### INPUT FILE POSITION LEGEND: J2L



### FYA SIGNAL WIRING DETAIL

(wire signal heads as shown)

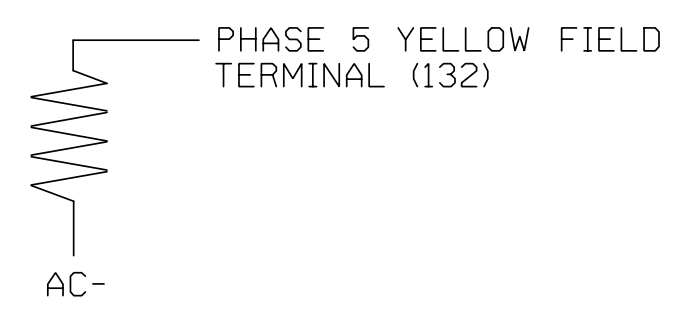


### LOAD RESISTOR INSTALLATION DETAIL

(install resistors as shown)

ACCEPTABLE VALUES

VALUE (ohms)	WATTAGE
1.5K - 1.9K	25W (min)
2.0K - 3.0K	10W (min)



Electrical Detail Sheet 1 of 2

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

Electrical and Programming Details For:

750 N. Greenfield Pkwy, Garner, NC 27529

SR 1400 (Cliffdale Road) at SR 1593 (Hoke Loop Road)

Division 6 Cumberland County Fayetteville

PLAN DATE: July 2016 REVIEWED BY: KP Baumann

PREPARED BY: SP Pennington REVIEWED BY: SL Phillips

REVISIONS: INIT. DATE

SEAL

9/19/2016

SIG. INVENTORY NO. 06-1236

PLANS PREPARED IN THE OFFICE OF:  
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9/19/2016 K:\MAIL\_TPT\OK\_SIGNALS\4011036345\_Foyeh\ev111.electr\Coals\654 - Signal Design\3rd\_Submit\Final\42141\_061236-2016e1.dgn Susan Pennington