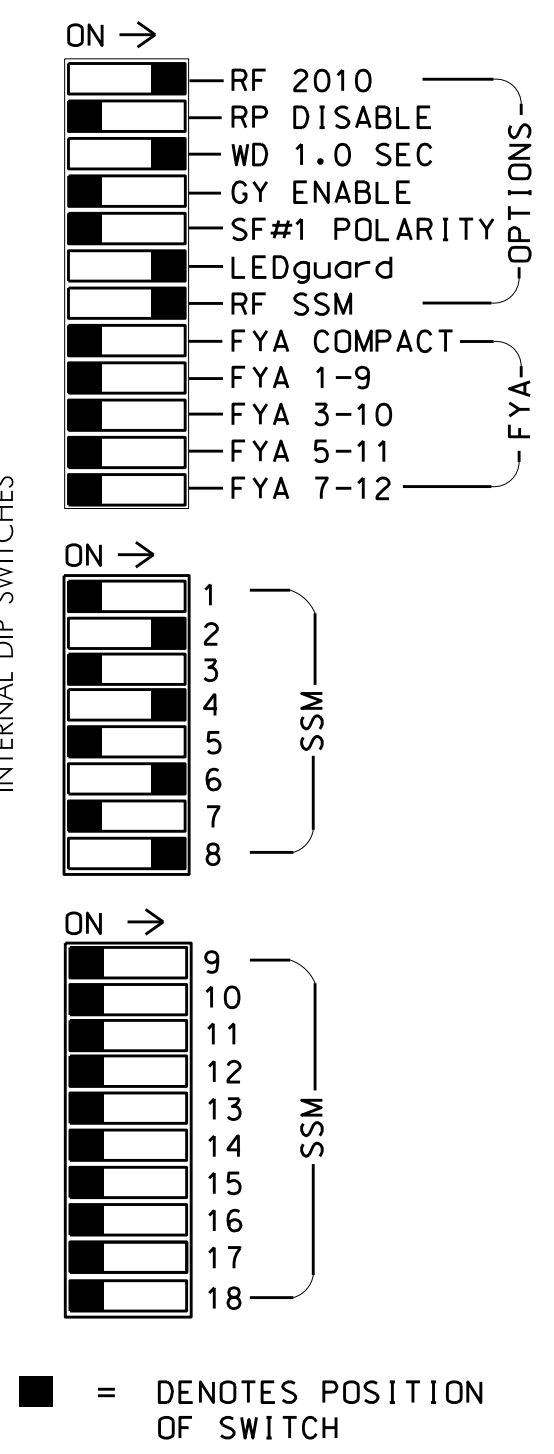
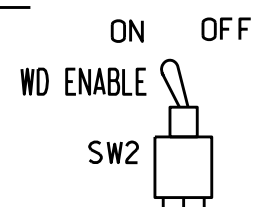
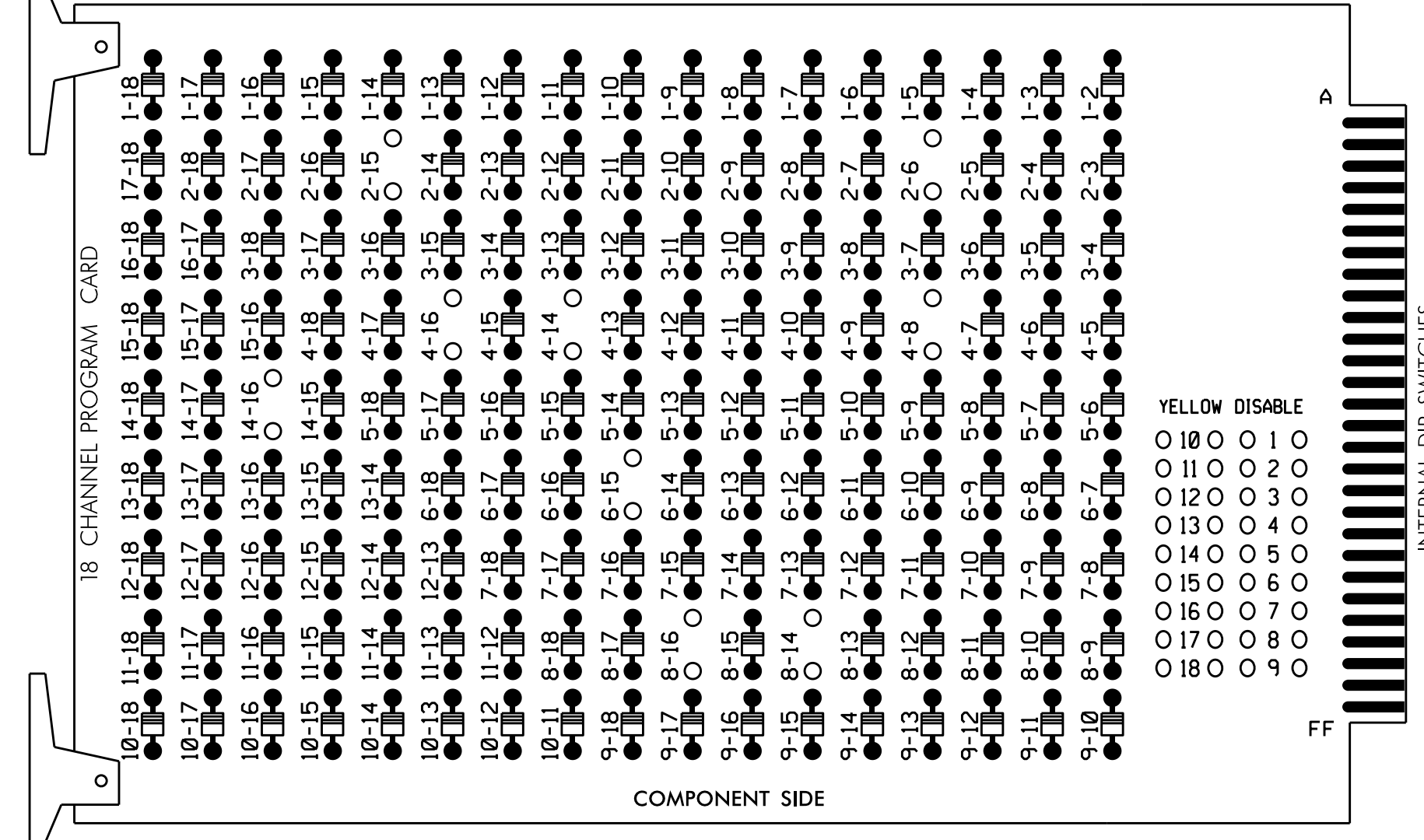


**EDI MODEL 2018EClip-NC CONFLICT MONITOR  
PROGRAMMING DETAIL**

(remove jumpers and set switches as shown)

REMOVE DIODE JUMPERS 2-6, 2-15, 4-8, 4-14, 4-16, 6-15, 8-14, 8-16, and 14-16.



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. Program phases 2, 4, 6, 7 and 8 for Dual Entry.
3. Enable Simultaneous Gap-Out for all phases.
4. Program phases 2 and 6 for Start Up In Green.
5. Program phases 4, 6 and 8 for 'STARTUP PED CALL'.
6. Program phases 2, 4, 6, 7 and 8 for Red Rest.
7. The cabinet and controller are part of the Asheville Signal System.

**EQUIPMENT INFORMATION**

CONTROLLER.....2070E  
 CABINET.....332 /W AUX  
 SOFTWARE.....ECONOLITE OASIS  
 CABINET MOUNT.....BASE  
 OUTPUT FILE POSITIONS...18 WITH AUX. OUTPUT FILE  
 LOAD SWITCHES USED.....S2,S5,S6,S8,S9,S11,S12  
 PHASES USED.....2,4,4 PED,6,6 PED,\*7,8,  
 8 PED  
 OVERLAPS.....NONE  
 \* PHASE USED FOR TIMING PURPOSES ONLY

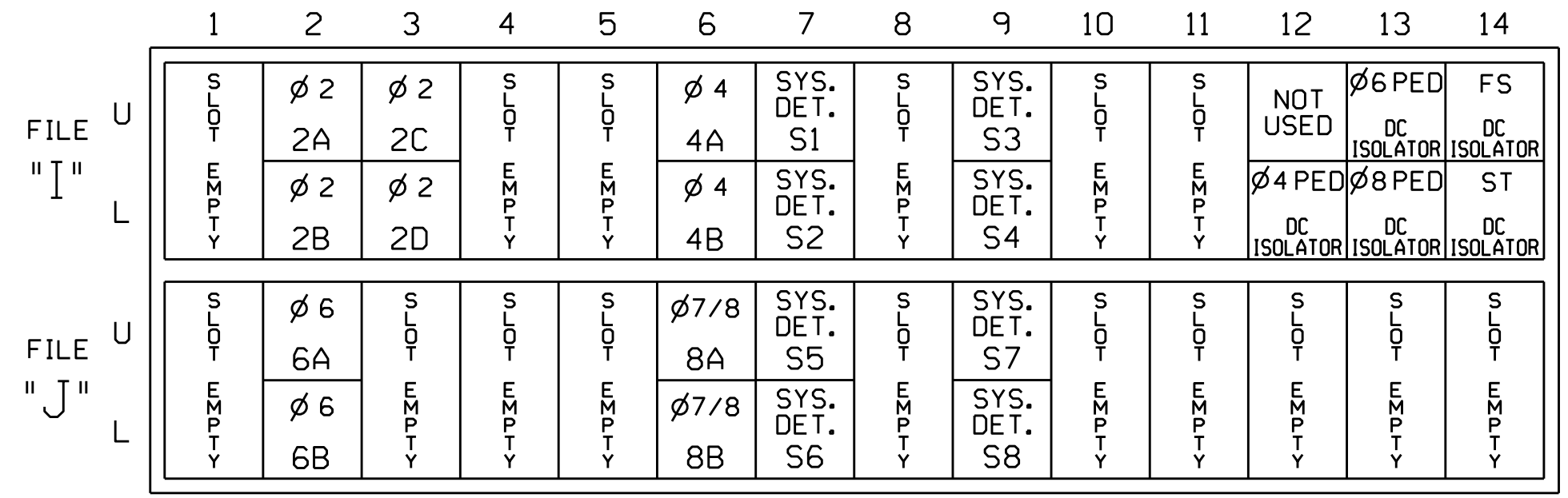
**SIGNAL HEAD HOOK-UP CHART**

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	23,24	NU	41,42	43,44	P41, P42	NU	61,62	63,64	P61, P62	NC	81,82	83,84	P81, P82	NU	NU	NU
RED		128			101				134			107						
YELLOW		129			102				135			108						
GREEN		130										109						
RED ARROW			128			101			134			107						
YELLOW ARROW			129			102			135			108						
GREEN ARROW			130			103	103		136	136		109						
Hand icon							104				119			110				
Walking person icon							106				121			112				

NU = Not Used  
 NC = Not Connected

**INPUT FILE POSITION LAYOUT**

(front view)



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

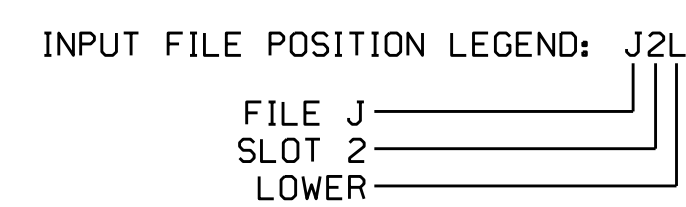
FS = FLASH SENSE  
 ST = STOP TIME

**INPUT FILE CONNECTION & PROGRAMMING CHART**

LOOP NO.	LOOP TERMINAL	INPUT FILE POS.	PIN NO.	INPUT ASSIGNMENT NO.	DETECTOR NO.	NEMA PHASE	CALL	EXTEND	FULL TIME DELAY	STRETCH TIME	DELAY TIME
2A	TB2-5,6	I2U	39	1	2	2		Y		2.4	
2B	TB2-7,8	I2L	43	5	12	2		Y		2.4	
2C	TB2-9,10	I3U	63	25	32	2	Y	Y			
2D	TB2-11,12	I3L	76	38	42	2	Y	Y			
4A	TB4-9,10	I6U	41	3	4	4	Y	Y			
4B	TB4-11,12	I6L	45	7	14	4	Y	Y			
6A	TB3-5,6	J2U	40	2	6	6	Y	Y			
6B	TB3-7,8	J2L	44	6	16	6	Y	Y			
8A	TB5-9,10	J6U	42	4	8	7/8	Y	Y			
8B	TB5-11,12	J6L	46	8	18	7/8	Y	Y			
* S1	TB6-1,2	I7U	65	27	34	SYS					
* S2	TB6-3,4	I7L	78	40	44	SYS					
* S3	TB6-9,10	I9U	60	22	11	SYS					
* S4	TB6-11,12	I9L	62	24	13	SYS					
* S5	TB7-1,2	J7U	66	28	38	SYS					
* S6	TB7-3,4	J7L	79	41	48	SYS					
* S7	TB7-9,10	J9U	59	21	15	SYS					
* S8	TB7-11,12	J9L	61	23	17	SYS					
PED PUSH BUTTONS											
P41,P42	TB8-5,6	I12L	69	31	PED 4	4 PED					
P61,P62	TB8-7,9	I13U	68	30	PED 6	6 PED					
P81,P82	TB8-8,9	I13L	70	32	PED 8	8 PED					

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

\* System detector only. Remove the vehicle phase assigned to this detector in the default programming.



**COUNTDOWN PEDESTRIAN SIGNAL OPERATION**

Countdown Ped Signals are required to display timing only during Ped Clearance Interval. Consult Ped Signal Module user's manual for instructions on selecting this feature.

THIS ELECTRICAL DETAIL IS FOR  
 THE SIGNAL DESIGN: 13-0815  
 DESIGNED: June 2016  
 SEALED: 11/7/2016  
 REVISED:

Electrical Detail - Sheet 1 of 2

DOCUMENT NOT CONSIDERED FINAL  
 UNLESS ALL SIGNATURES COMPLETED

Prepared In the Offices of:  
  
 750 N. Greenfield Pkwy, Garner, NC 27529

NC 280 (Airport Road)  
 at  
 I-26 Westbound Ramps

Division 13 Buncombe County Fletcher  
 PLAN DATE: October 2016 REVIEWED BY: T. Joyce  
 PREPARED BY: C. Strickland REVIEWED BY:

REVISIONS INIT. DATE

DocuSigned by:  
  
 11/8/2016  
 DATE

SIG. INVENTORY NO. 13-0815

07-1006-2016 11-53  
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