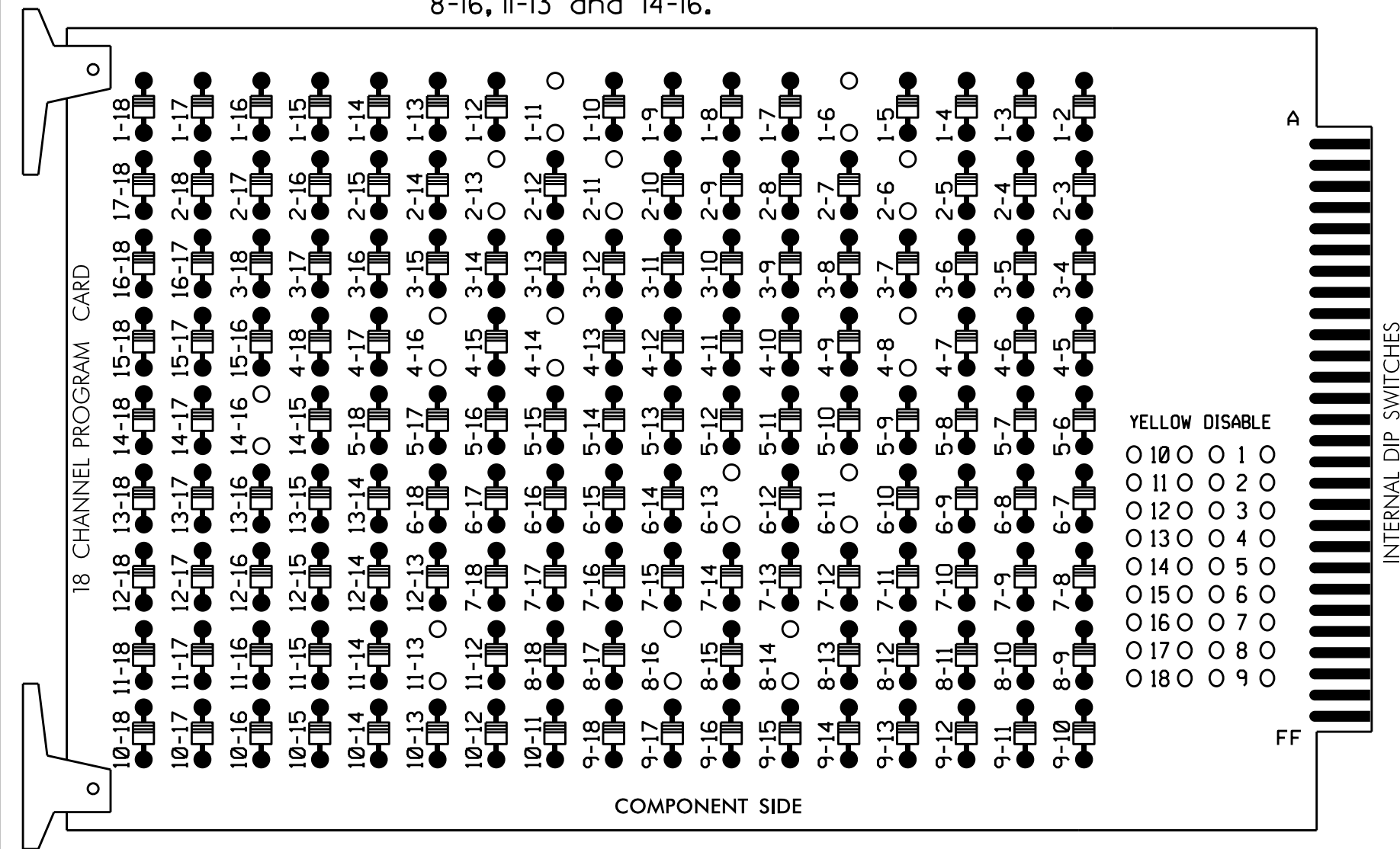


**EDI MODEL 2018ECLIP-NC CONFLICT MONITOR PROGRAMMING DETAIL**

(remove jumpers and set switches as shown)

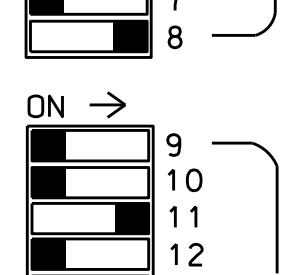
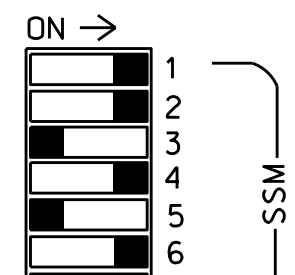
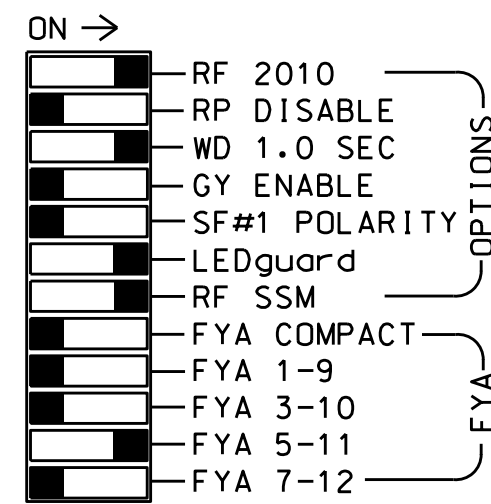
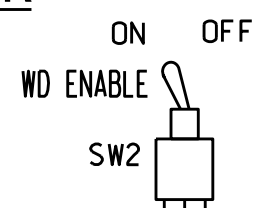
REMOVE DIODE JUMPERS 1-6, 1-11, 2-6, 2-11, 2-13, 4-8, 4-14, 4-16, 6-11, 6-13, 8-14, 8-16, 11-13 and 14-16.



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.



■ = DENOTES POSITION OF SWITCH

**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.
- Program phases 4 and 8 for Dual Entry.
- Enable Simultaneous Gap-Out for all phases.
- Program controller to start up in phase 2 Walk and 6 Green.
- 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.....S1,S2,S3,S5,S6,S8,S11,S12,  
 AUX S4  
 PHASES USED.....1,2,4,6,8,2 PED,4 PED,8 PED  
 OVERLAP "A".....NOT USED  
 OVERLAP "B".....NOT USED  
 OVERLAP "C".....\*  
 OVERLAP "D".....NOT USED  
 \* 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.	11	82	22,23	P21, P22	NU	41,42	P41, P42	NU	61,62	NU	81,82	P81, P82	NU	NU	NU	21	NU	NU	
RED		128			101			134			107								
YELLOW		129			102			135			108								
GREEN		130			103			136			109								
RED ARROW	125																	A114	
YELLOW ARROW	126	126																	A115
FLASHING YELLOW ARROW																			A116
GREEN ARROW	127	127																	
Hand icon				113		104					110								
Walker icon				115		106					112								

NU = Not Used

★ See pictorial of head wiring in detail this sheet.

**INPUT FILE POSITION LAYOUT**

(front view)

FILE	1	2	3	4	5	6	7	8	9	10	11	12	13	14
U	∅ 1	∅ 1	∅ 2	S	S	∅ 4	S	S	S	S	S	∅ 2 PED	NOT USED	FS
I	1A	1B	2A	S	S	4A	S	S	S	S	S	DC ISOLATOR	DC ISOLATOR	DC ISOLATOR
L	NOT USED	NOT USED	2B	S	S	4B	S	S	S	S	S	∅ 4 PED	∅ 8 PED	ST
U	S	∅ 6	S	S	S	∅ 8	S	S	S	S	S	S	S	S
I	S	6A	S	S	S	8A	S	S	S	S	S	S	S	S
L	S	NOT USED	S	S	S	8B	S	S	S	S	S	S	S	S

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

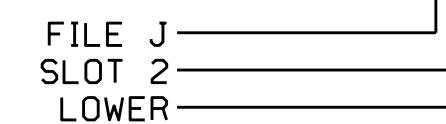
FS = FLASH SENSE  
 ST = STOP TIME

**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		15	S
2A	TB2-9,10	I3U	63	32	2	YES			S
2B	TB2-11,12	I3L	76	42	2	YES			S
4A	TB4-9,10	I6U	41	4	4	YES			S
4B	TB4-11,12	I6L	45	14	4	YES		10	S
6A	TB3-5,6	J2U	40	6	6	YES			S
8A	TB5-9,10	J6U	42	8	8	YES			S
8B	TB5-11,12	J6L	46	18	8	YES			S
PED PUSH BUTTONS									
P21,P22	TB8-4,6	I12U	67	PED 2	2 PED				
P41,P42	TB8-5,6	I12L	69	PED 4	4 PED				
P81,P82	TB8-8,9	I13L	70	PED 8	8 PED				

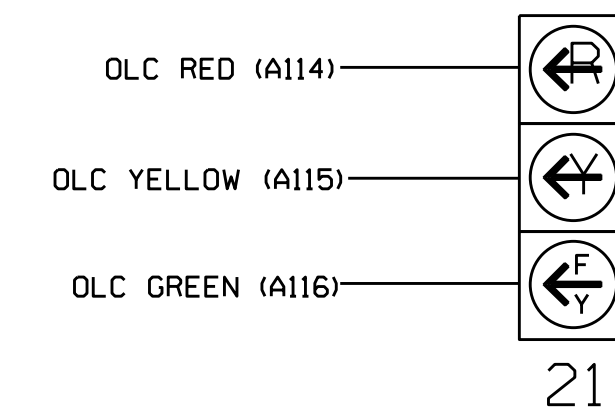
NOTE:  
 INSTALL DC ISOLATORS IN INPUT FILE SLOTS 112 AND 113.

**INPUT FILE POSITION LEGEND: J2L**



**FYA SIGNAL WIRING DETAIL**

(wire signal head as shown)



THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 06-0353  
 DESIGNED: June 2016  
 SEALED: 8-25-16  
 REVISED: N/A

Electrical Detail Sheet 1 of 2

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

Electrical and Programming Details For: SR 1219 (Ireland Drive) at SR 1220/SR 2913 (Village Drive)

Division 6 Cumberland County Fayetteville

PLAN DATE: August 2016 REVIEWED BY:

PREPARED BY: James Peterson REVIEWED BY:

REVISIONS INIT. DATE

DocuSigned by: Keith M. Mins 9/19/2016

750 N. Greenfield Pkwy, Garner, NC 27529

SIG. INVENTORY NO. 06-0353

06-SEP-2016 07:05  
 S:\IT\SS\115\_Signal\work\gpc\sig\_Mon\eter\son\060353\_sml.e...xxx.dgn  
 J.peterson