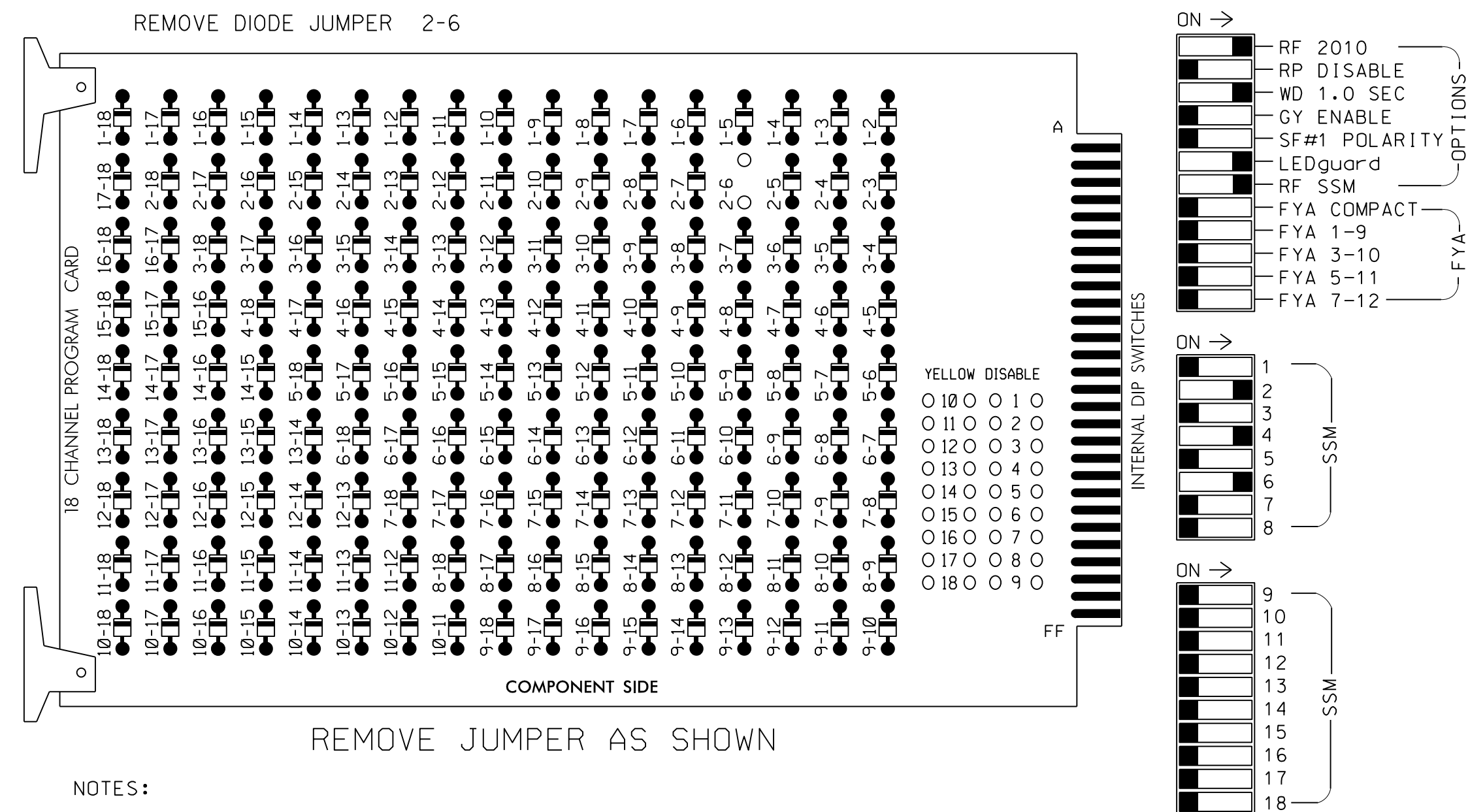


**EDI MODEL 2018EClip-NC CONFLICT MONITOR PROGRAMMING DETAIL**

(remove jumper and set switches 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. Program controller to start up in phase 2 Green and 6 Green.
3. The cabinet and controller are part of Signal System # 10605.

**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.	NU	21,22	NU	NU	41,42	NU	NU	61,62	NU	NU	NU	NU
RED		128			101			134				
YELLOW		129			102			135				
GREEN		130			103			136				
RED ARROW												
YELLOW ARROW												
GREEN ARROW												

NU = Not Used

**EQUIPMENT INFORMATION**

CONTROLLER.....2070LX  
 CABINET .....336  
 SOFTWARE .....ECONOLITE ASC/3-2070  
 CABINET MOUNT.....POLE  
 OUTPUT FILE POSITIONS...12  
 LOAD SWITCHES USED.....S2,S5,S8  
 PHASES USED.....2,4,6  
 OVERLAPS.....NONE

**INPUT FILE POSITION LAYOUT**

(front view)

FILE	U	1	2	3	4	5	6	7	8	9	10	11	12	13	14
U	U	∅2/sys	∅2/sys	∅4	∅6/sys	∅6/sys	∅6/S1	∅6/sys	∅6/S2	FS	DC ISOLATOR	DC ISOLATOR	DC ISOLATOR	DC ISOLATOR	DC ISOLATOR
I	I	2A/S3	2B/S4	4A	6A/S1	6B/S2				ST	ST	ST	ST	ST	ST
L	L	∅2/sys	NOT USED	NOT USED	∅6/sys										

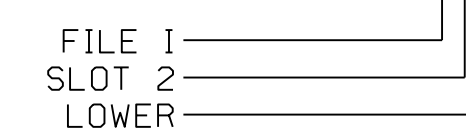
EX. : 1A, 2A, ETC. = LOOP NO.'S

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	ADDED INITIAL	DETECTOR TYPE
2A/S3	TB21-3,4	I2U	39	2	2/SYS	YES			X	N
2B/S4	TB23-3,4	I2L	43	12	2/SYS	YES			X	N
4A	TB21-7,8	I4U	41	4	4	YES		10		N
6A/S1	TB21-11,12	I6U	40	6	6/SYS	YES			X	N
6B/S2	TB23-11,12	I6L	44	16	6/SYS	YES			X	N

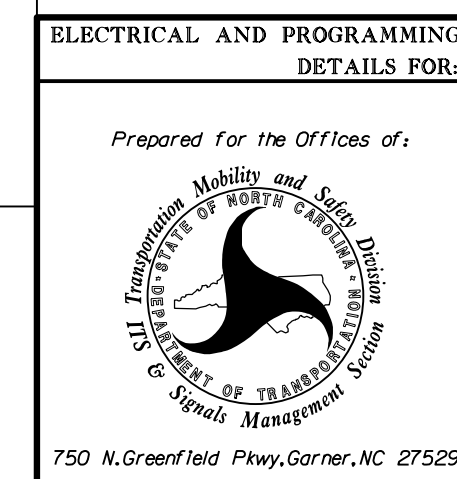
**INPUT FILE POSITION LEGEND: I2L**



THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 06-0110  
 DESIGNED: AUGUST 2003  
 SEALED: 05/15/20  
 REVISED:



1 Glenwood Avenue  
 Raleigh, NC 27603  
 Tel:919.789.9977  
 Fax:919.789.9591  
 License: C-2197



**ELECTRICAL AND PROGRAMMING DETAILS FOR:**

US 74-76 BUSINESS (JEFFERSON STREET) at JEFFERSON PARK

DIVISION 06 COLUMBUS COUNTY WHITEVILLE

PLAN DATE: APRIL 2020 REVIEWED BY: J. Rowe

PREPARED BY: M. Copple REVIEWED BY:

REVISIONS	INIT.	DATE

DocuSigned by: Matthew Copple

SIG. INVENTORY NO. 06-0110