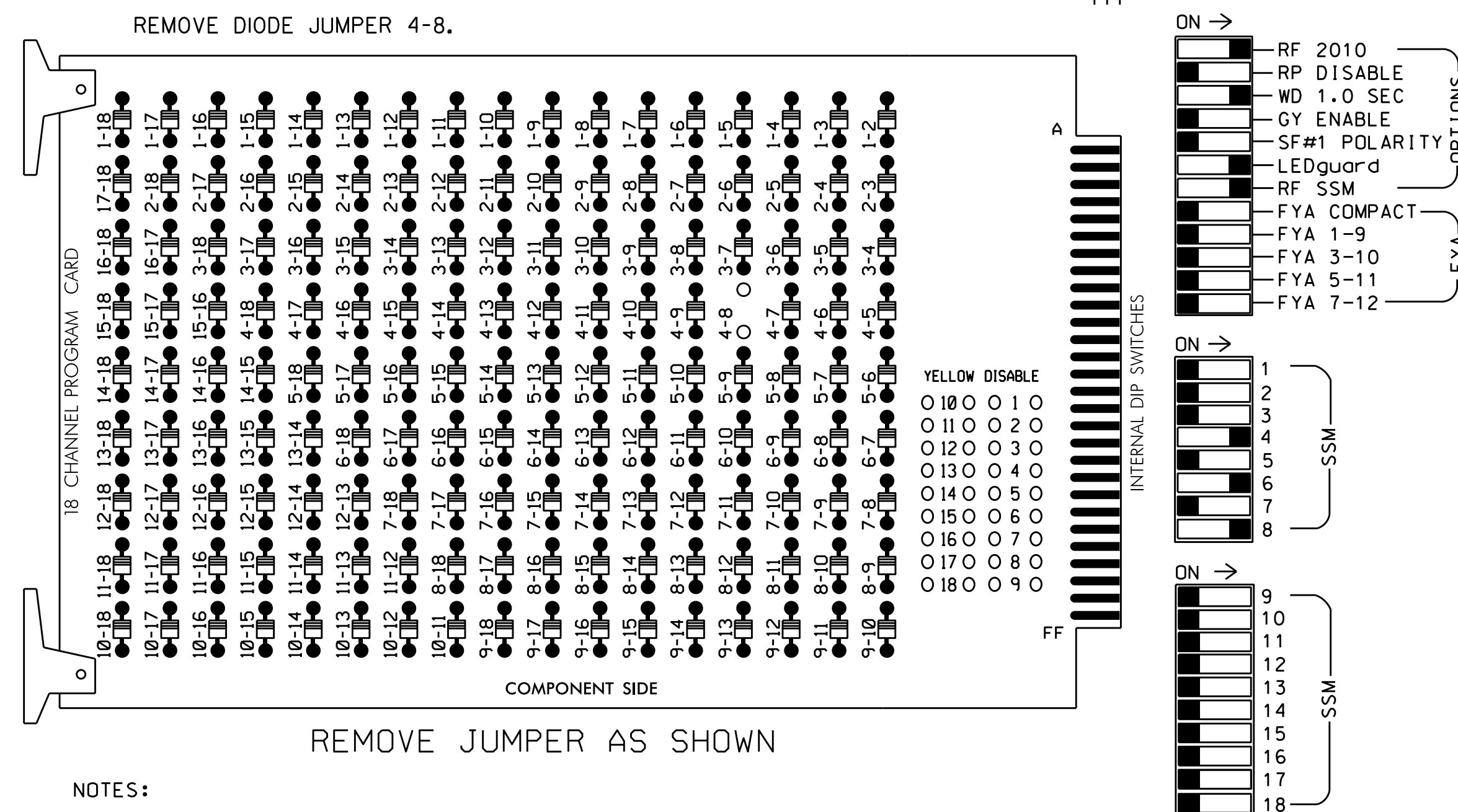


**EDI MODEL 2018ECLip-NC CONFLICT MONITOR  
PROGRAMMING DETAIL**

(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 phases 4 and 8 for Dual Entry.
3. Enable Simultaneous Gap-Out for all phases.
4. Program phase 6 for Start Up In Green.
5. Program phase 6 for Yellow Flash.
6. The cabinet and controller are part of the High Point Signal System.

**EQUIPMENT INFORMATION**

CONTROLLER.....2070  
 CABINET.....332  
 SOFTWARE.....ECONOLITE OASIS  
 CABINET MOUNT.....BASE  
 OUTPUT FILE POSITIONS...12  
 LOAD SWITCHES USED.....S3\*,S5,S8,S9\*,S11  
 PHASES USED.....4,6,8  
 OVERLAPS.....NONE  
 \* S3 AND S9 ARE USED FOR SCHOOL FLASHER

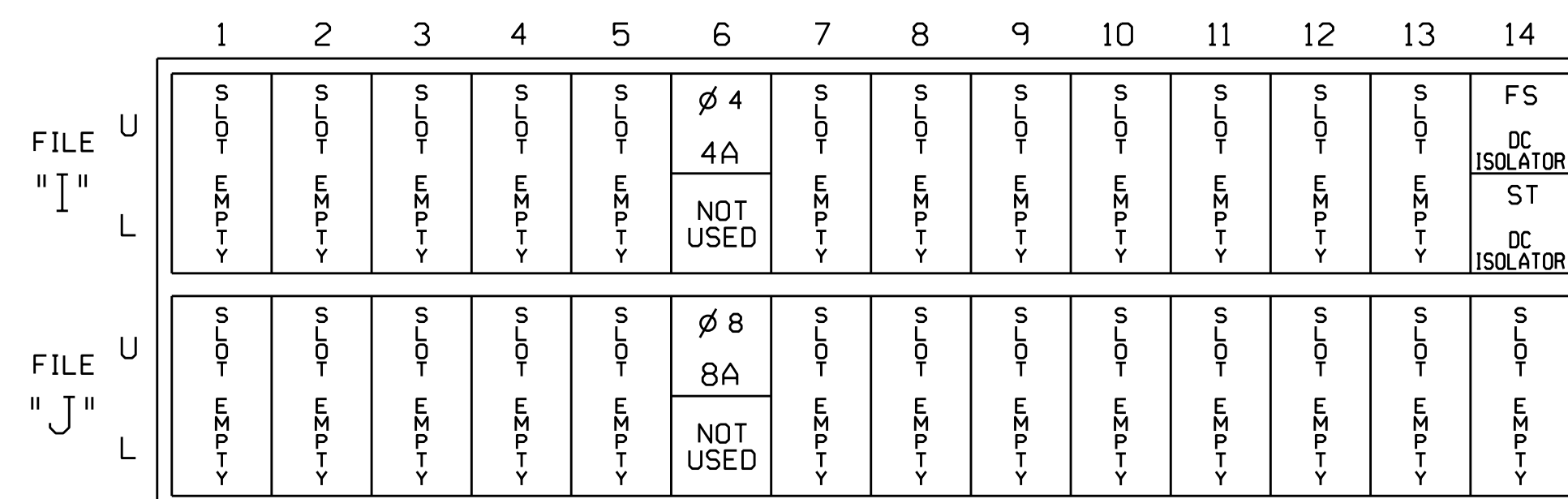
**SIGNAL HEAD HOOK-UP CHART**

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 SCHOOL FLASHER	3	4	4 PED	5	6	6 PED SCHOOL FLASHER	7	8	8 PED		
SIGNAL HEAD NO.	NU	NU	NU	101	NU	41,42	NU	NU	61,62 63	NU	102	NU	81,82	NU
RED						101			134			107		
YELLOW						102			135			108		
GREEN						103			136			109		
RED ARROW														
YELLOW ARROW														
GREEN ARROW														
PEY YELLOW									** 114		** 120			
			*						*					

NU = Not Used  
 \* Denotes install load resistor. See load resistor installation detail on this sheet.  
 \*\* S3-Y and S9-Y are used for the School Flasher. See sheet 2 for wiring and programming details.

**INPUT FILE POSITION LAYOUT**

(front view)



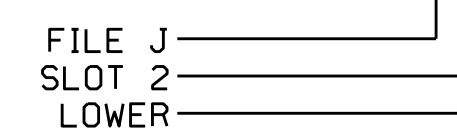
EX. : 1A, 2A, ETC. = LOOP NO.'S

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
4A	TB4-9,10	I6U	41	3	4	4	Y	Y			
8A	TB5-9,10	J6U	42	4	8	8	Y	Y			3

INPUT FILE POSITION LEGEND: J2L

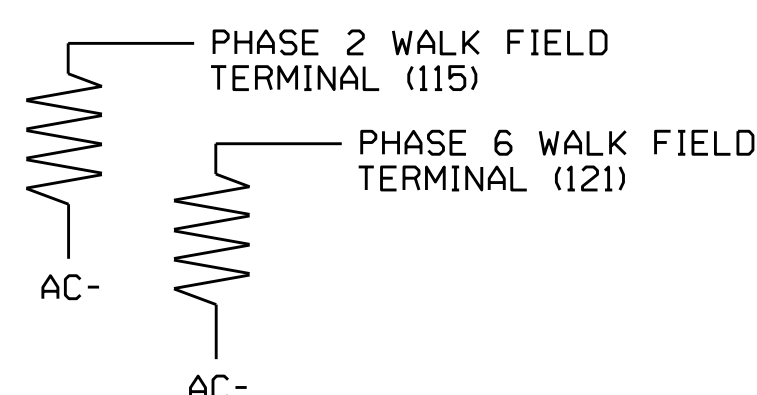


THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 07-0773  
 DESIGNED: September 2014  
 SEALED: 3/18/2015  
 REVISED: N/A

**LOAD RESISTOR INSTALLATION DETAIL**

(install resistors as shown below)

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



Electrical Detail - Sheet 1 of 2

Electrical and Programming Details for: SR 1988 (West English Road) at Chestnut Drive

Prepared In the Offices of: **Transporatio Mobility and Safety Solutions**

Division 7 Guilford County High Point

PLAN DATE: December 2014 REVIEWED BY: *[Signature]*

PREPARED BY: S. Armstrong REVIEWED BY: *[Signature]*

750 N. Greenfield Pkwy, Garner, NC 27529

SEAL: JOHN T. ROWE, JR., PROFESSIONAL ENGINEER, SEAL 008453

DocuSigned by: John T. Rowe, Jr. 3/19/2015

SIG. INVENTORY NO. 07-0773

19-MAR-2015 09:58 S:\MITS\15\SIGNAL\work\hgr\cupus\sig\_mon\armstrong\070773\_sm.elec.xxx.dgn sarmstrong