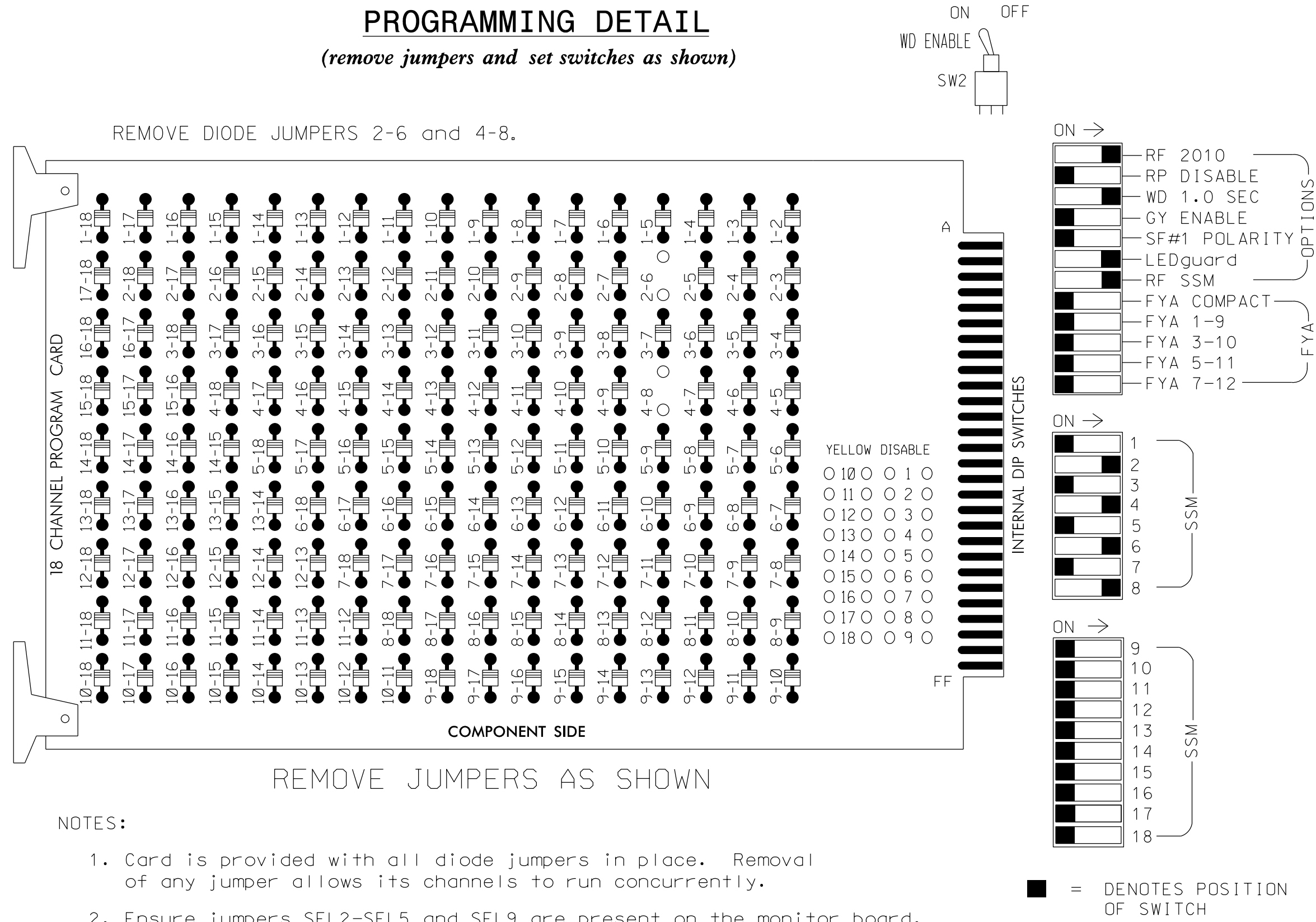


EDI MODEL 2018ECL-NC CONFLICT MONITOR PROGRAMMING DETAIL

(remove jumpers and set switches 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.
- Connect serial cable from conflict monitor to comm. port 1 of 2070 controller. Ensure conflict monitor communicates with 2070.

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 phases 2 and 6 for Start Up In Green.
- Program phases 2 and 6 for Yellow Flash.
- The cabinet and controller are part of the High Point Signal System.

EQUIPMENT INFORMATION

CONTROLLER.....2070E
 CABINET.....332
 SOFTWARE.....ECONOLITE OASIS
 CABINET MOUNT.....BASE
 OUTPUT FILE POSITIONS...12
 LOAD SWITCHES USED.....S2,S5,*S6,S8,S11,*S12
 PHASES USED.....2,4,6,8
 OVERLAPS.....NONE

*PED Yellow used for School Flashers

PROJECT REFERENCE NO.	SHEET NO.
C-5558	Sig. 192.1

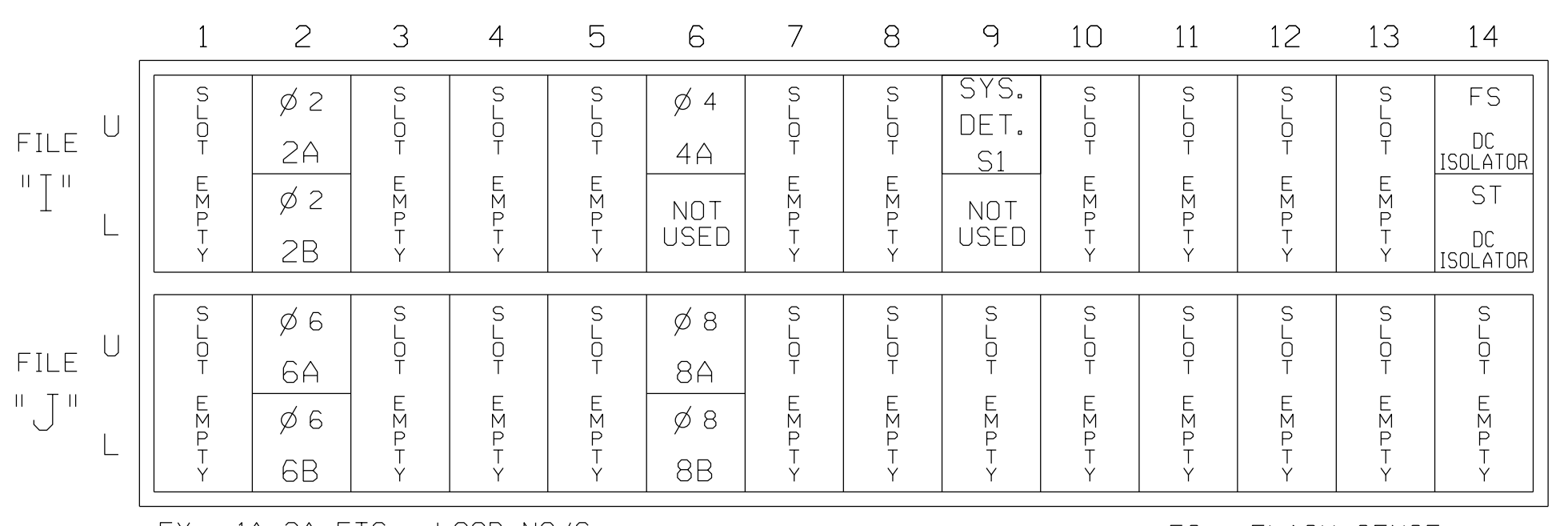
SIGNAL HEAD HOOK-UP CHART

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	FLASH OUTPUT	5	6	6 PED	7	8	8 PED	FLASH OUTPUT
SIGNAL HEAD NO.	NU	21,22	NU	NU	41,42	NU	101	NU	61,62	NU	NU	81,82	NU	102
RED		128			101				134			107		
YELLOW		129			102				135			108		
GREEN		130			103				136			109		
RED ARROW														
YELLOW ARROW														
GREEN ARROW														
PED YELLOW							**	**	105				**	**

NU = Not Used
 * Denotes install load resistor. See load resistor installation detail this sheet.
 ** S6-Y and S12-Y are used for the School Flasher. See sheet 2 for wiring and programming details.

INPUT FILE POSITION LAYOUT

(front view)

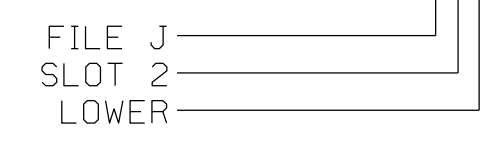


INPUT FILE CONNECTION & PROGRAMMING CHART

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	Y			
2B	TB2-7,8	I2L	43	5	12	2	Y	Y			
4A	TB4-9,10	I6U	41	3	4	4	Y	Y			
* S1	TB6-9,10	I9U	60	22	11	SYS	-	-			
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	8	Y	Y			
8B	TB5-11,12	J6L	46	8	18	8	Y	Y			

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

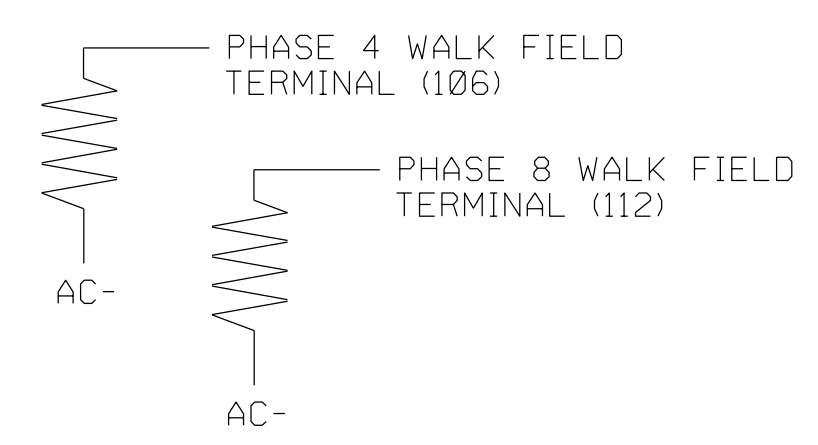
INPUT FILE POSITION LEGEND: J2L



LOAD RESISTOR INSTALLATION DETAIL

(install resistor as shown below)

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



Signal Upgrade - Electrical Detail Sheet 1 of 2

 NORTH CAROLINA INTERNATIONAL CITY Department of Transportation 211 S. Hamilton Street High Point, NC 27260	Division 07 Guilford County High Point		 SEAL NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 025892 MELISSA B. TOTH
	Chestnut Drive at Rotary Drive	PREPARED BY: AM Encarnacion REVIEWED BY: LM Moon REVIEWED BY: MB Toth	
Revisions table		INIT. DATE	DocuSigned by: Melissa B. Toth SIGNATURE DATE 6/5/2015 SIG. INVENTORY NO. HP0317

05-JUN-2015 15:53
 D:\Transportation\Projects\Curran\100037777 - High Point Sg Sys\Signal\DesignPackage - Wiring\HighPoint17E.dgn
 FILEZ058 - AT 005250140