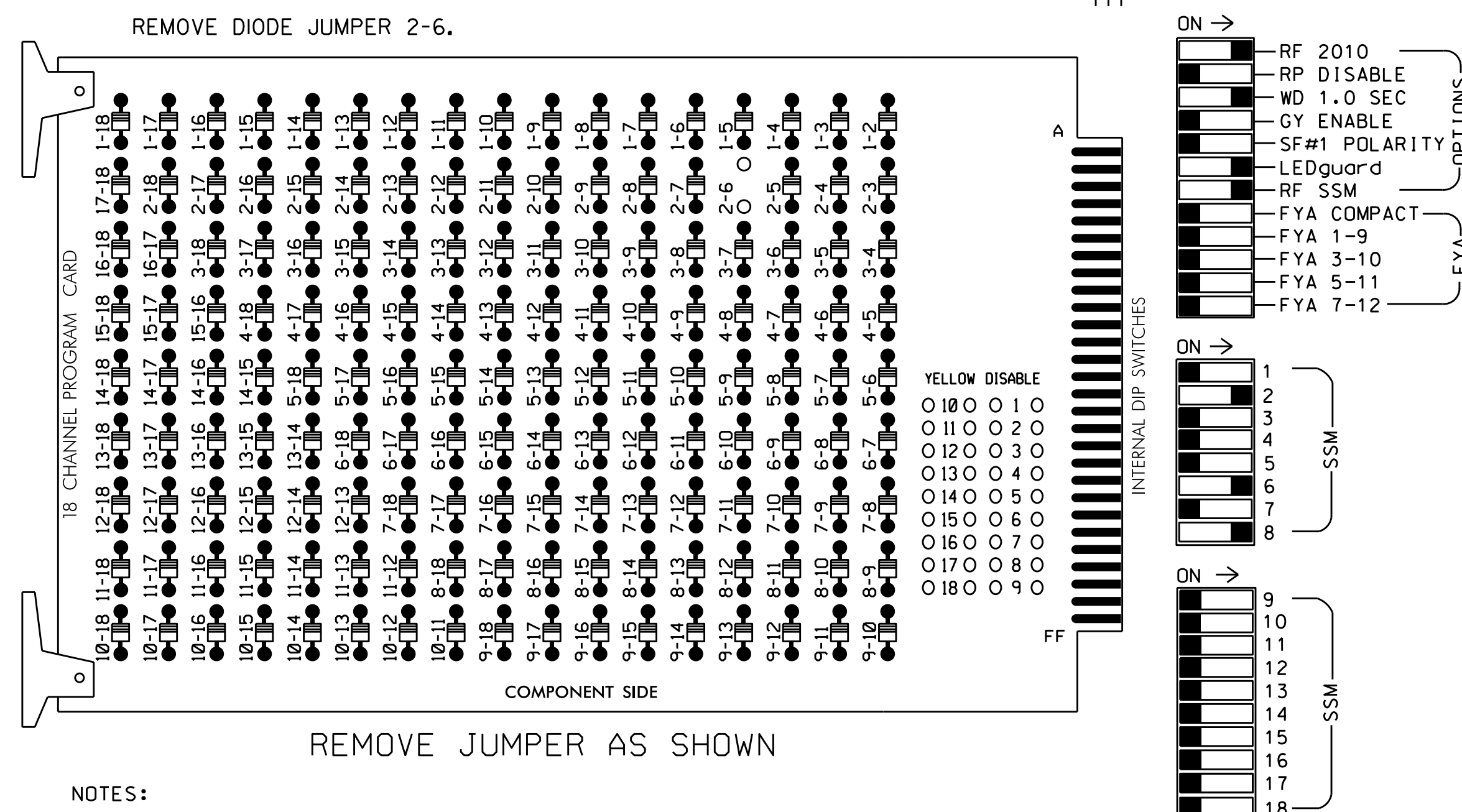


EDI MODEL 2018ECLip-NC CONFLICT MONITOR
PROGRAMMING DETAIL

(remove jumper 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.
- Integrate monitor with Ethernet network in cabinet.

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.
- Enable Simultaneous Gap-Out for all phases.
- Program phases 2 and 6 for Variable Initial and Gap Reduction.
- 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.....2070
CABINET.....332
SOFTWARE.....ECONOLITE DASIS
CABINET MOUNT.....BASE
OUTPUT FILE POSITIONS...12
LOAD SWITCHES USED.....S2,*S3,S8,*S9,S11
PHASES USED.....2,6,8
OVERLAPS.....NONE
*PED Yellow used for School Flashers

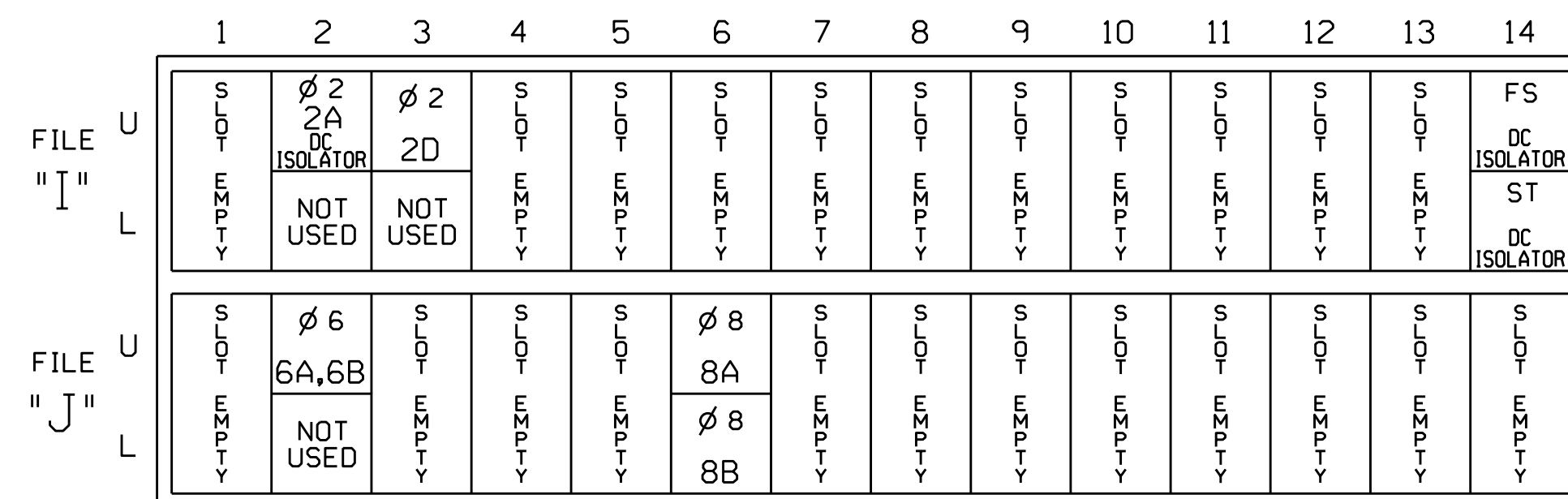
SIGNAL HEAD HOOK-UP CHART

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	21,22	NU	101, 103	NU	NU	NU	61,62	NU	102, 104	NU	81,82
RED		128						134				107
YELLOW		129						135				108
GREEN		130						136				109
RED ARROW												
YELLOW ARROW												
GREEN ARROW												
PED YELLOW				**					**			
			*						*			

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

Note: Install a model 242 DC isolator in slot I2 for use with microwave detector. See the Microwave Detector Wiring Detail on sheet 3.

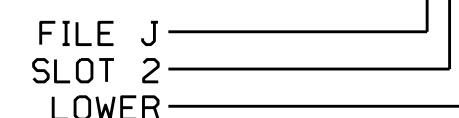
IMPORTANT: For proper operation of the microwave detector, remove surge protection from TB2-5 and TB2-6, and from TB2-7 and TB2-8.

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			
2D	TB2-9,10	I3U	63	25	32	2	Y	Y	Y		3
6A,6B	TB3-5,6	J2U	40	2	6	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			15

* Microwave Detector, see wiring details sheet 3.

INPUT FILE POSITION LEGEND: J2L

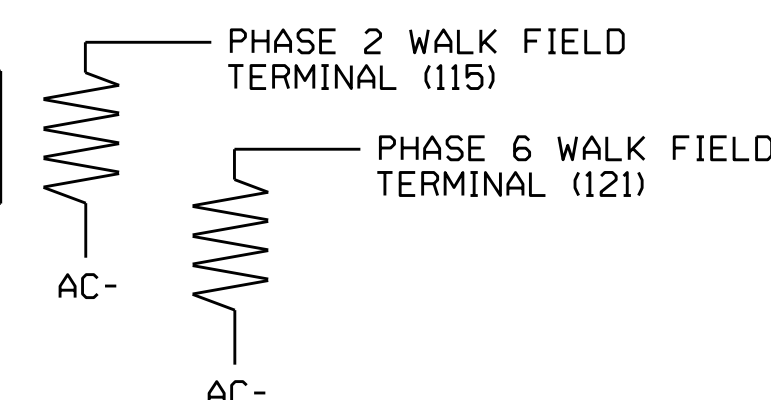


LOAD RESISTOR INSTALLATION DETAIL

(install resistors as shown below)

ACCEPTABLE VALUES

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



THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 07-2003
DESIGNED: December 2014
SEALED: 3/18/2015
REVISED: N/A

Electrical Detail - Sheet 1 of 3

Electrical and Programming Details for: SR 1300 (East Green Drive) / SR 1193 (Triangle Lake Road) at I-74 WB/US 311 NB Ramps

Division 7 Guilford County High Point

PLAN DATE: January 2015 REVIEWED BY: T. Joyce

PREPARED BY: C. Strickland REVIEWED BY:

REVISIONS INIT. DATE

750 N. Greenfield Pkwy, Garner, NC 27529

SEAL
NORTH CAROLINA PROFESSIONAL ENGINEER
SEAL 022013
GEORGE C. BROWN

DocuSigned by: George C. Brown 4/17/2015

SIG. INVENTORY NO. 07-2003