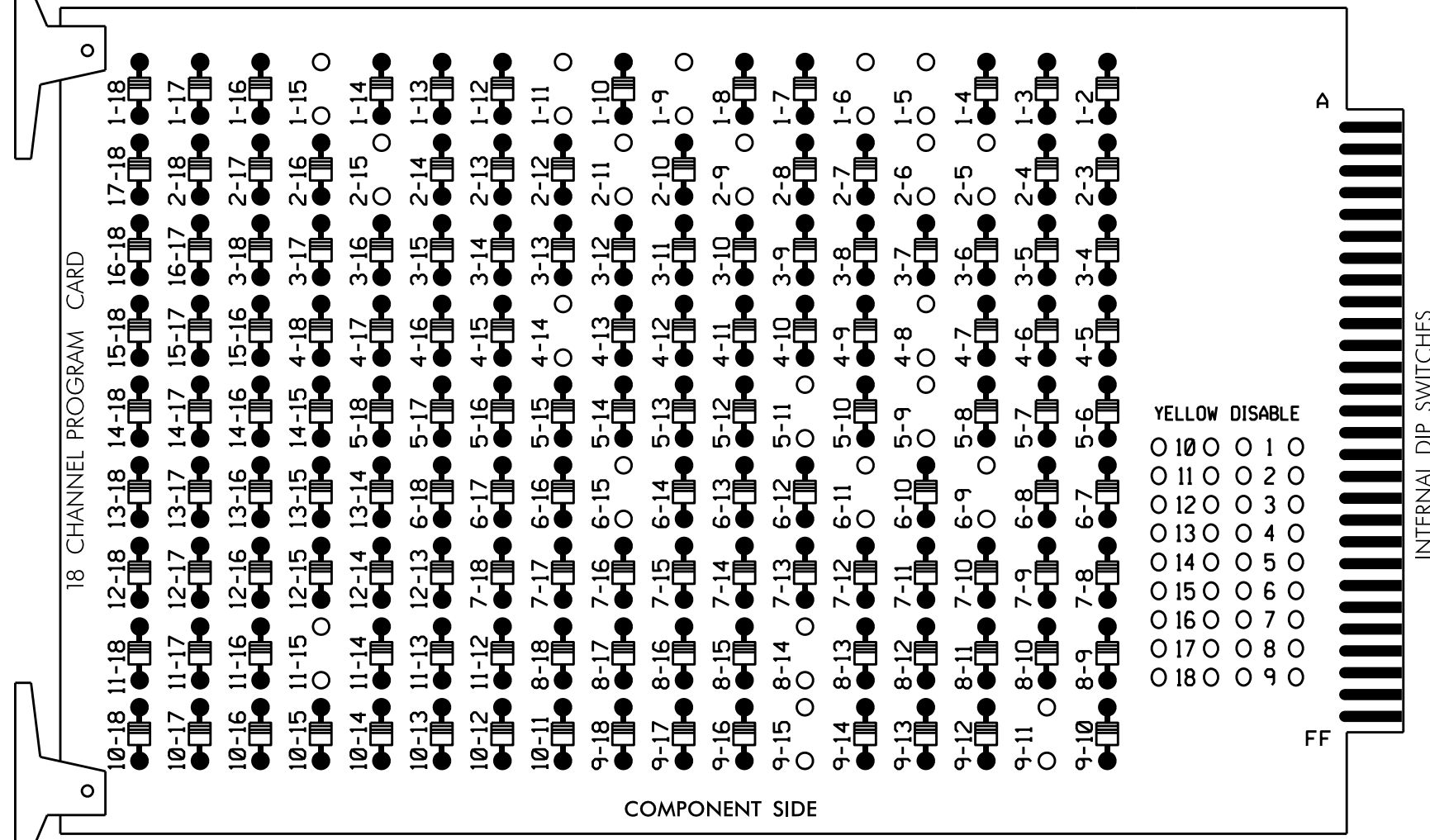


EDI MODEL 2018EClip-NC CONFLICT MONITOR PROGRAMMING DETAIL
(remove jumpers and set switches as shown)

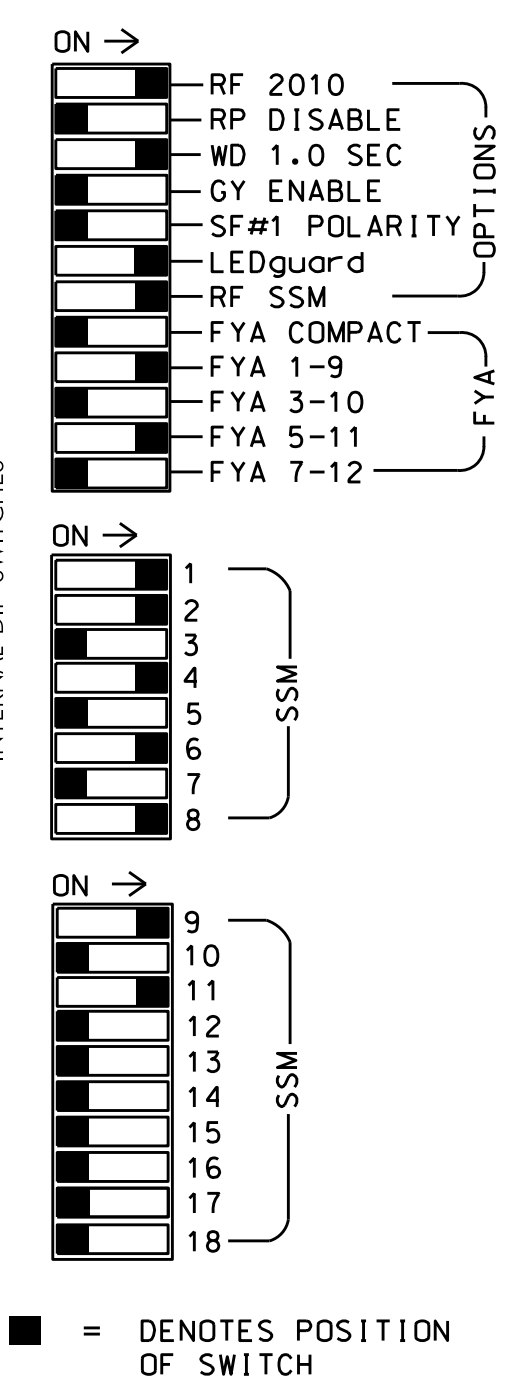
REMOVE DIODE JUMPERS 1-5, 1-6, 1-9, 1-11, 1-15, 2-5, 2-6, 2-9, 2-11, 2-15, 4-8, 4-14, 5-9, 5-11, 6-9, 6-11, 6-15, 8-14, 9-11, 9-15 and 11-15.



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.



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 Variable Initial and Gap Reduction.
- Program phases 2 and 6 for Start Up In Green.
- Program phases 4 and 6 for 'STARTUP PED CALL'.
- Program phases 2 and 6 for Yellow Flash, and overlap 1 as Wag Overlaps.
- The cabinet and controller are part of the High Point Signal System.

EQUIPMENT INFORMATION

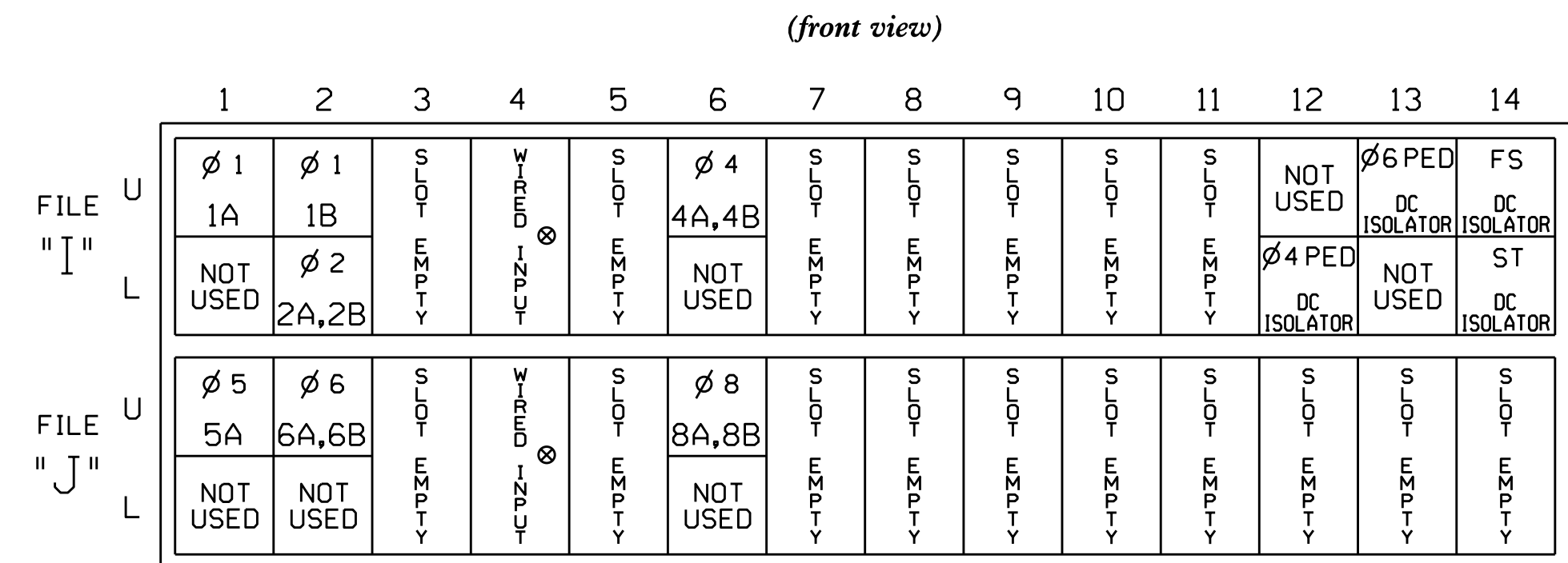
CONTROLLER.....2070
CABINET.....332 /W/ AUX
SOFTWARE.....ECONOLITE OASIS
CABINET MOUNT.....BASE
OUTPUT FILE POSITIONS...18 WITH AUX. OUTPUT FILE
LOAD SWITCHES USED.....S1,S2,S5,S6,S7,S8,S9,S11,
AUX S1,AUX S4
PHASES USED.....1,2,4,4 PED,5,6,6 PED,8
OVERLAP "A".....1+2
OVERLAP "B".....NOT USED
OVERLAP "C".....5+6
OVERLAP "D".....NOT USED

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 SCHOOL FLASHER	5	6	6 PED SCHOOL FLASHER	7	8	8 PED	OLA	OLB	SPARE	OLC	OLD	SPARE			
SIGNAL HEAD NO.	11	82	21,22	NU	NU	41,42	P41, P42	101, 103	51	61,62	P61, P62	102, 104	NU	81,82	NU	11	NU	51	NU		
RED		*	128			101				134											
YELLOW			129			102		*	135												
GREEN			130			103			136												
RED ARROW																			A121	A114	
YELLOW ARROW			126																	A122	A115
FLASHING YELLOW ARROW																				A123	A116
GREEN ARROW	127	127							133												
PED YELLOW								**	105			**	120								

NU = Not Used
* Denotes install load resistor. See load resistor installation detail this sheet.
** S6-Y and S9-Y are used for the School Flasher. See sheet 3 for wiring and programming details.
★ See pictorial of head wiring in detail below.

INPUT FILE POSITION LAYOUT

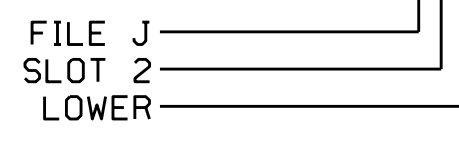


INPUT FILE CONNECTION & PROGRAMMING CHART

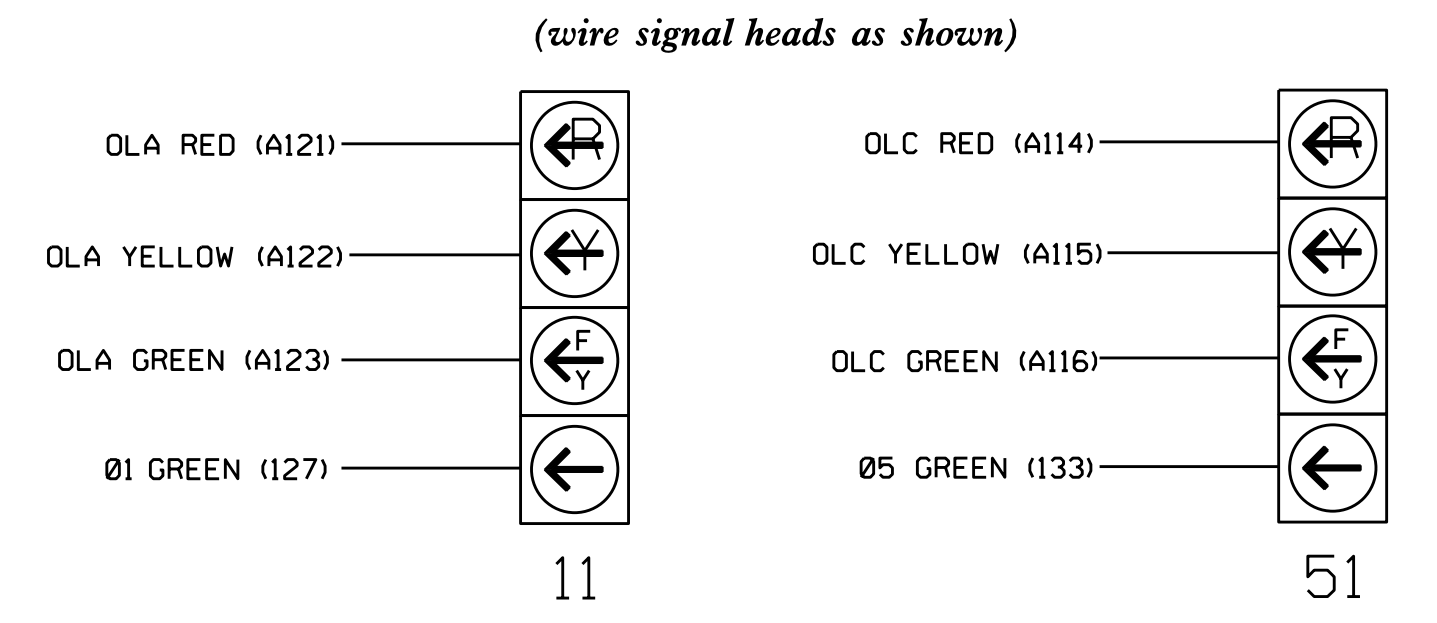
LOOP NO.	LOOP TERMINAL	INPUT FILE POS.	PIN NO.	INPUT ASSIGNMENT NO.	DETECTOR NO.	NEMA PHASE	CALL	EXTEND	FULL TIME DELAY	STRETCH TIME	DELAY TIME
1A ¹	TB2-1,2	I1U	56	18	1	1	Y	Y			15
	-	J4U	48	10	26	6	Y	Y	Y		3
1B	TB2-5,6	I2U	39	1	2	1	Y	Y			10
2A,2B	TB2-7,8	I2L	43	5	12	2	Y	Y			
4A,4B	TB4-9,10	I6U	41	3	4	4	Y	Y			5
5A ²	TB3-1,2	J1U	55	17	5	5	Y	Y			15
	-	I4U	47	9	22	2	Y	Y	Y		3
6A,6B	TB3-5,6	J2U	40	2	6	6	Y	Y			
8A,8B	TB5-9,10	J6U	42	4	8	8	Y	Y			
PED PUSH BUTTONS											
P41,P42	TB8-5,6	I12L	69	31	PED 4	4 PED					
P61,P62	TB8-7,9	I13U	68	30	PED 6	6 PED					

- Add jumper from I1-W to J4-W, on rear of input file.
- Add jumper from J1-W to I4-W, on rear of input file.

INPUT FILE POSITION LEGEND: J2L



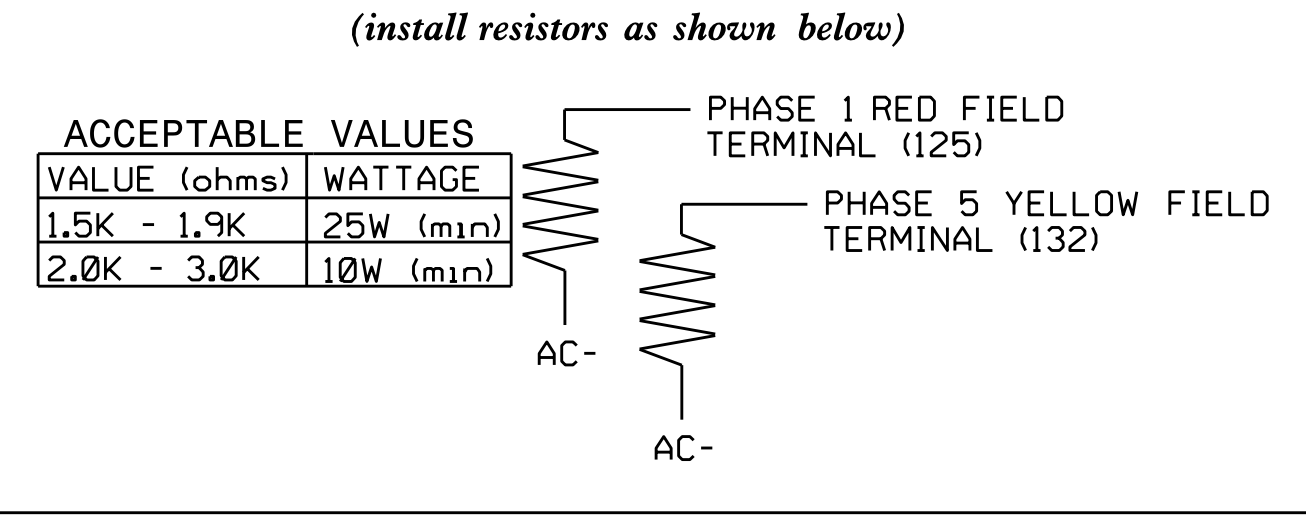
4 SECTION FYA PPLT SIGNAL WIRING DETAIL



NOTE

- The sequence display for this signal requires special logic programming. See sheet 2 of 3 for programming instructions.

LOAD RESISTOR INSTALLATION DETAIL



THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 07-2052
DESIGNED: September 2014
SEALED: 3/18/2015
REVISED: N/A

COUNTDOWN PEDESTRIAN SIGNAL OPERATION

Countdown Ped Signals are required to display timing only during Ped Clearance Interval. Consult Ped Signal Module user's manual for instructions on selecting this feature.

Electrical Detail - Sheet 1 of 3

Electrical and Programming Details For: SR 1113 (East Kivett Drive) at Triangle Lake Road and Dillon Road

Division 7 Guilford County High Point

PLAN DATE: December 2014 REVIEWED BY: T. Joyce

PREPARED BY: C. Strickland REVIEWED BY:

REVISIONS INIT. DATE

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

750 N. Greenfield Pkwy, Garner, NC 27529

SIG. INVENTORY NO. 07-2052

15-APR-2015 13:20 S:\IT\SS\HITS\SIGNAL\work\grouper\grouper\work\17\022_sme.le.xxx.dgn