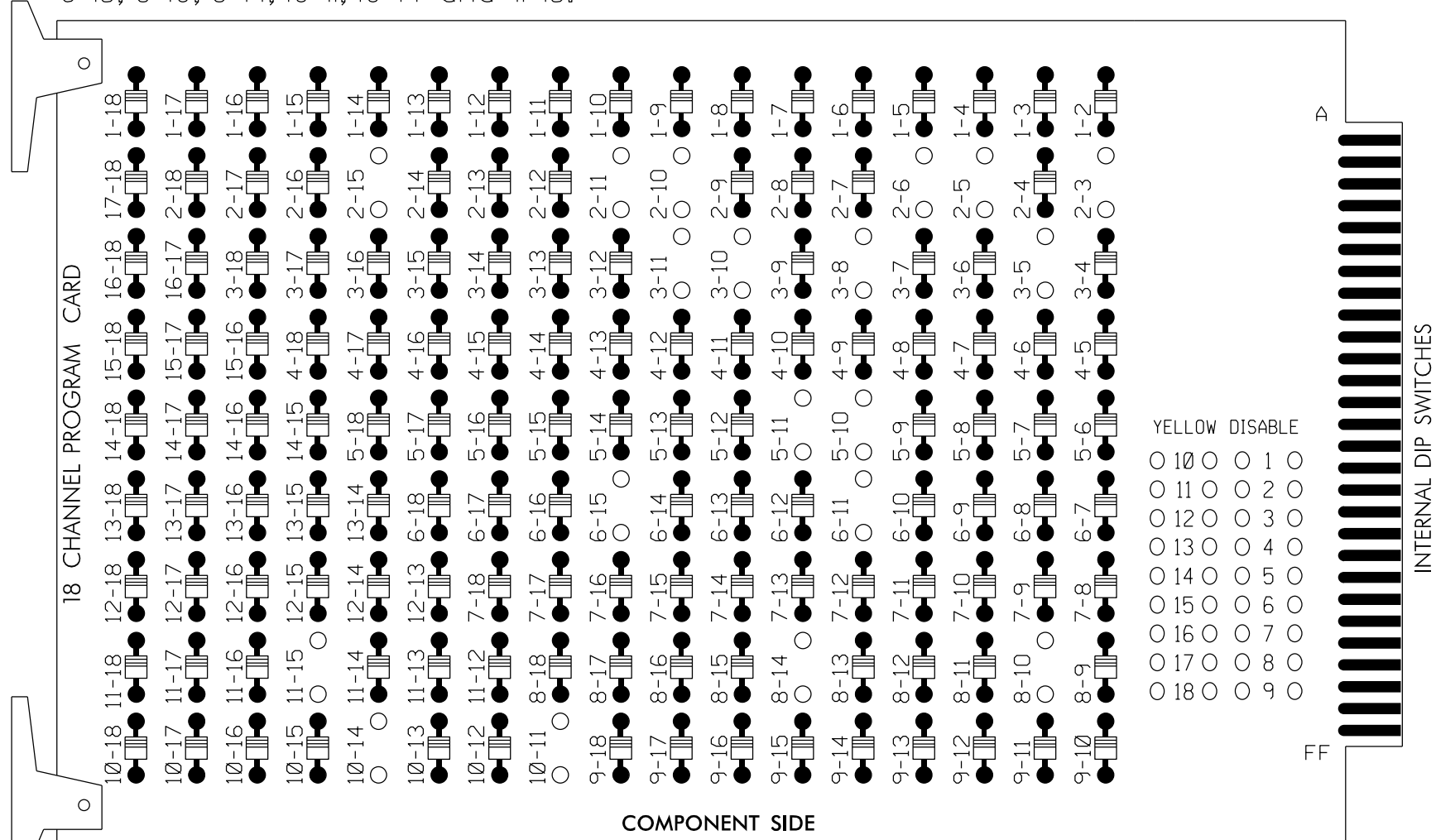


### EDI MODEL 2018ECLIP-NC CONFLICT MONITOR PROGRAMMING DETAIL

(remove jumpers and set switches as shown)

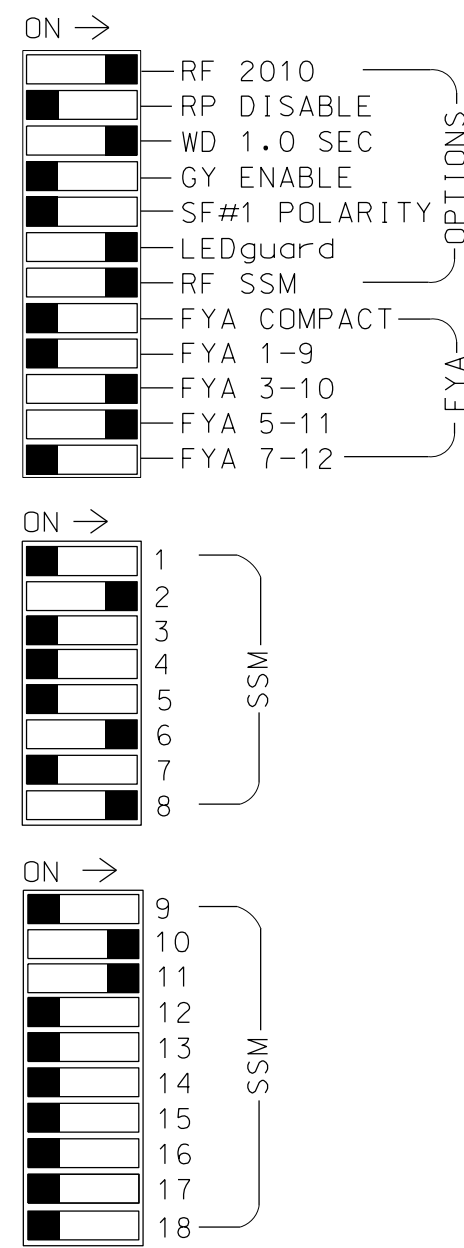
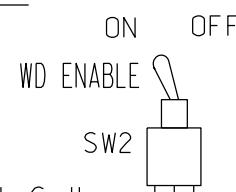
REMOVE DIODE JUMPERS 2-3, 2-5, 2-6, 2-10, 2-11, 2-15, 3-5, 3-8, 3-10, 3-11, 5-10, 5-11, 6-11, 6-15, 8-10, 8-14, 10-11, 10-14 and 11-15.



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.



■ = DENOTES POSITION OF SWITCH

### NOTES

- To prevent "flash-conflict" problems, insert red flash program blocks for all vehicle load switches in the output file. The installer shall verify that signal heads flash in accordance with the Signal Plans.
- Program controller to start up in phase 2 Green and 6 Green.
- The cabinet and controller are part of the High Point Signal System.

### EQUIPMENT INFORMATION

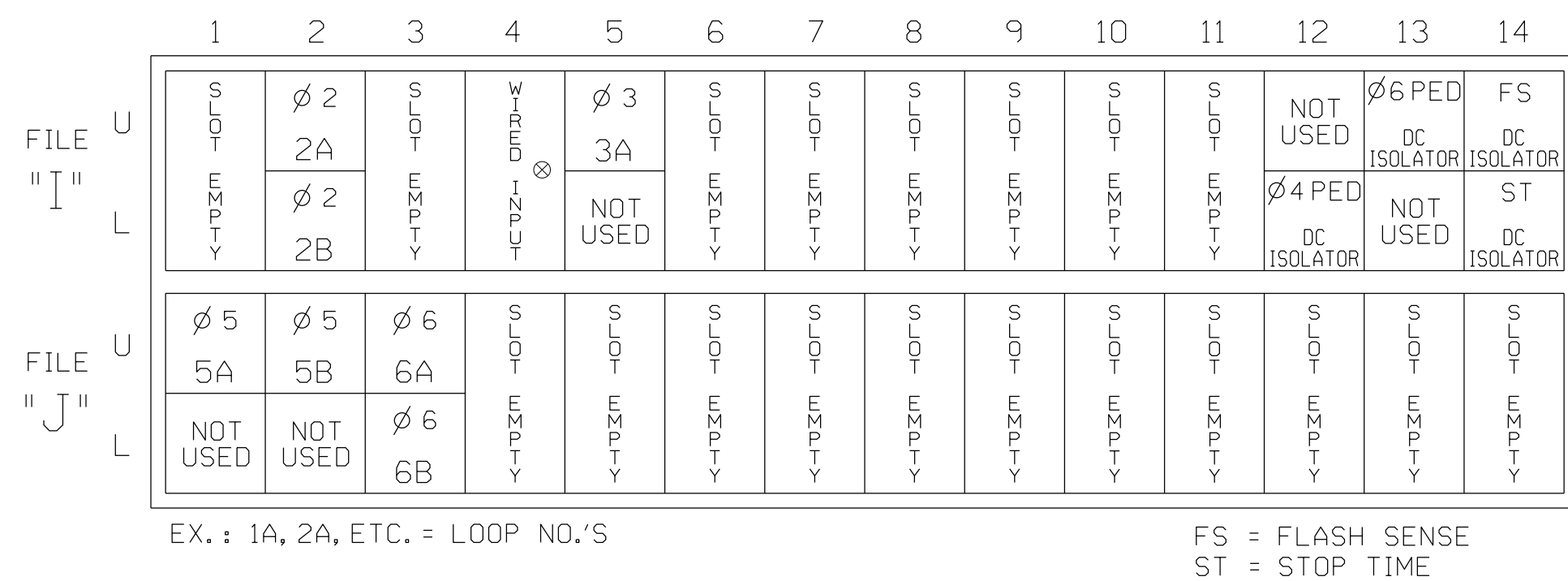
CONTROLLER.....2070LX  
 CABINET.....332 W/ AUX  
 SOFTWARE.....ECONOLITE ASC/3-2070  
 CABINET MOUNT.....BASE  
 OUTPUT FILE POSITIONS...18 WITH AUX. OUTPUT FILE  
 LOAD SWITCHES USED.....S2,S4,S6,S7,S8,S9,S11,AUX S2,AUX S4  
 PHASES USED.....2,3,4\*4 PED,5,6,6 PED  
 OVERLAP "A".....NOT USED  
 OVERLAP "B".....\*\*  
 OVERLAP "C".....\*\*  
 OVERLAP "D".....NOT USED  
 OVERLAP "G".....\*\*  
 OVERLAP "H".....\*\*  
 \* Phase used for timing purposes only  
 \*\* See overlap programming detail on sheet 2

### 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	DLG	4	4 PED	5	6	6 PED	7	OLH	8 PED	OLA	OLB	SPARE	OLC	OLD	SPARE
SIGNAL HEAD NO.	NU	21,22	NU	32*	NC	P41, P42	51*	61	62	P61, P62	NU	31,33	NU	NU	32*	51*	NU	NU
RED		128						134	134						A124			
YELLOW		129		*			*	135	135									
GREEN		130							136									
RED ARROW												107						A114
YELLOW ARROW												108			A125			A115
FLASHING YELLOW ARROW															A126			A116
GREEN ARROW				118			133	136				109						
Hand icon							104					119						
Person icon							106					121						

NU = Not Used  
 NC = Not Connected  
 \* Denotes install load resistor. See load resistor installation detail this sheet.  
 ★ See pictorial of head wiring in detail below.

### INPUT FILE POSITION LAYOUT (front view)



⊗ Wired Input - Do not populate slot with detector card

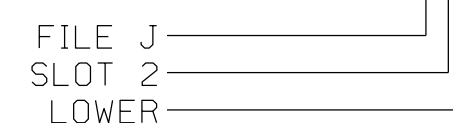
### INPUT FILE CONNECTION & PROGRAMMING CHART

LOOP NO.	LOOP TERMINAL	INPUT FILE POS.	PIN NO.	DETECTOR NO.	NEMA PHASE	CALL	EXTEND TIME	DELAY TIME	ADDED INITIAL	DETECTOR TYPE
2A	TB2-5,6	I2U	39	2	2	YES			X	N
2B	TB2-7,8	I2L	43	12	2	YES			X	N
3A	TB4-5,6	I5U	58	3	3	YES		3.0		N
5A <sup>1</sup>	TB3-1,2	J1U	55	5 ★	5	YES		15.0		N
	-	I4U	47	22 ★	2	YES		3.0		G
5B	TB3-5,6	J2U	40	6	5	YES		15.0		N
6A	TB3-9,10	J3U	64	36	6	YES			X	N
6B	TB3-11,12	J3L	77	46	6	YES			X	N
PED PUSH BUTTONS										
P41,P42	TB8-5,6	I12L	69	PED 4	4 PED					
P61,P62	TB8-7,9	I13U	68	PED 6	6 PED					

NOTE:  
 INSTALL DC ISOLATORS IN INPUT FILE SLOTS 112 AND 113.

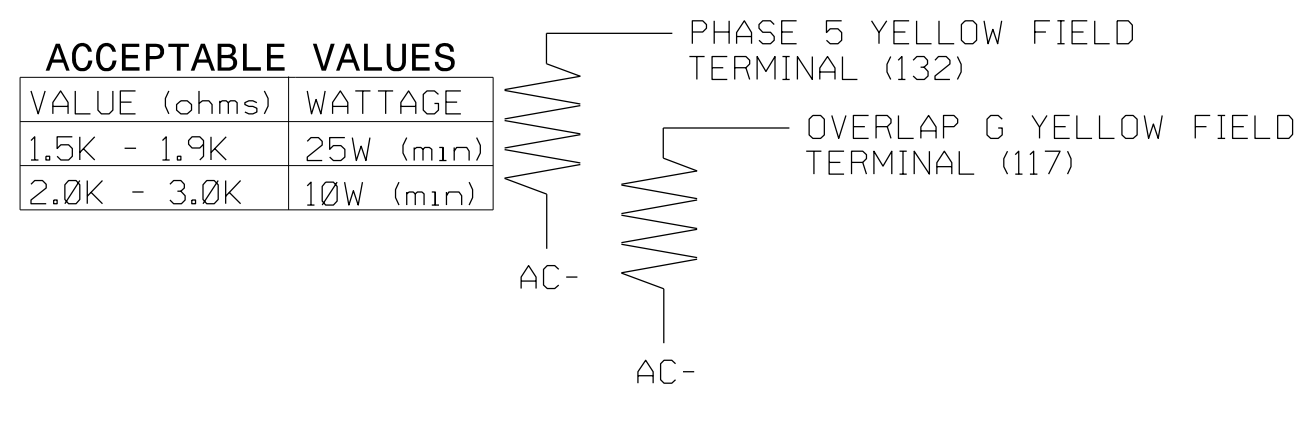
- <sup>1</sup>Add jumper from J1-W to I4-W, on rear of input file.  
 ★ For the detectors to work as shown on the signal design plan. See the Vehicle Detector Setup Programming Detail for Alternate Phasing on sheet 2.

INPUT FILE POSITION LEGEND: J2L



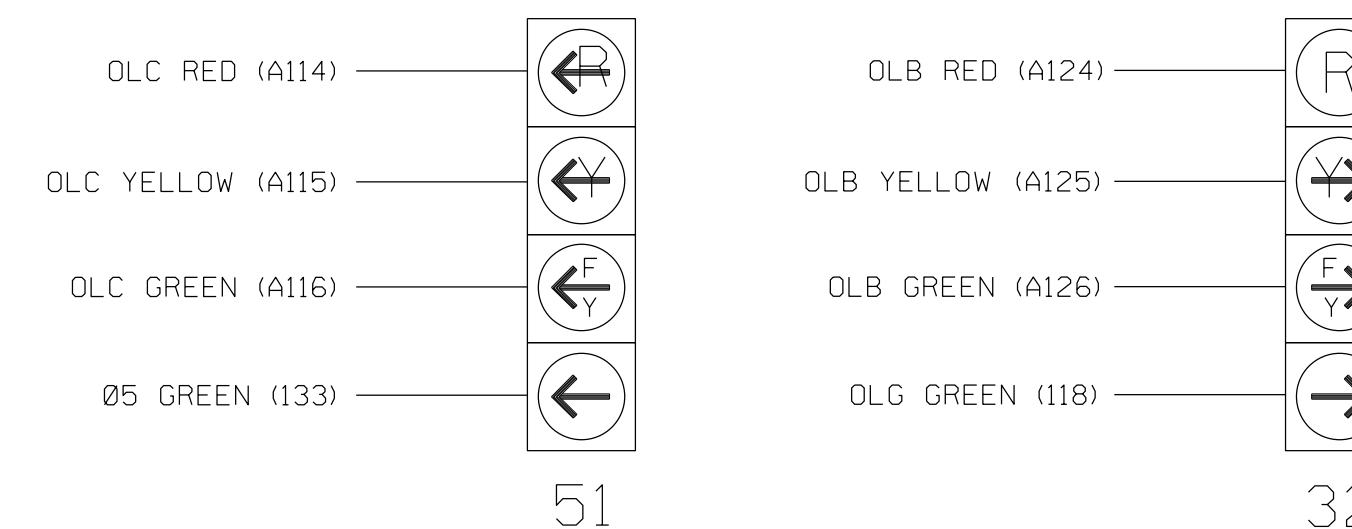
### LOAD RESISTOR INSTALLATION DETAIL

(install resistors as shown below)



### FYA SIGNAL WIRING DETAIL

(wire signal heads as shown)



THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 07-1113  
 DESIGNED: January 2025  
 SEALED: 03-14-2025  
 REVISED: N/A

### Electrical Detail - Sheet 1 of 4

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

SEAL

SEAL 044476

SEAL

Anthony Encarnacion

3/14/2025

SIG. INVENTORY NO. 07-1113

Electrical AND PROGRAMMING DETAILS FOR:

Prepared for the Offices of:

North Carolina Department of Transportation  
 Division of Traffic and Signal Management

SR 1850 (Sandy Ridge Road) at SR 1877 (Joe Drive)

Division 7 Guilford County High Point

PLAN DATE: January 2025 REVIEWED BY: AM Encarnacion

PREPARED BY: JT Stiff REVIEWED BY: PL Alexander

REVISIONS	INIT.	DATE

AtkinsRéalis

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