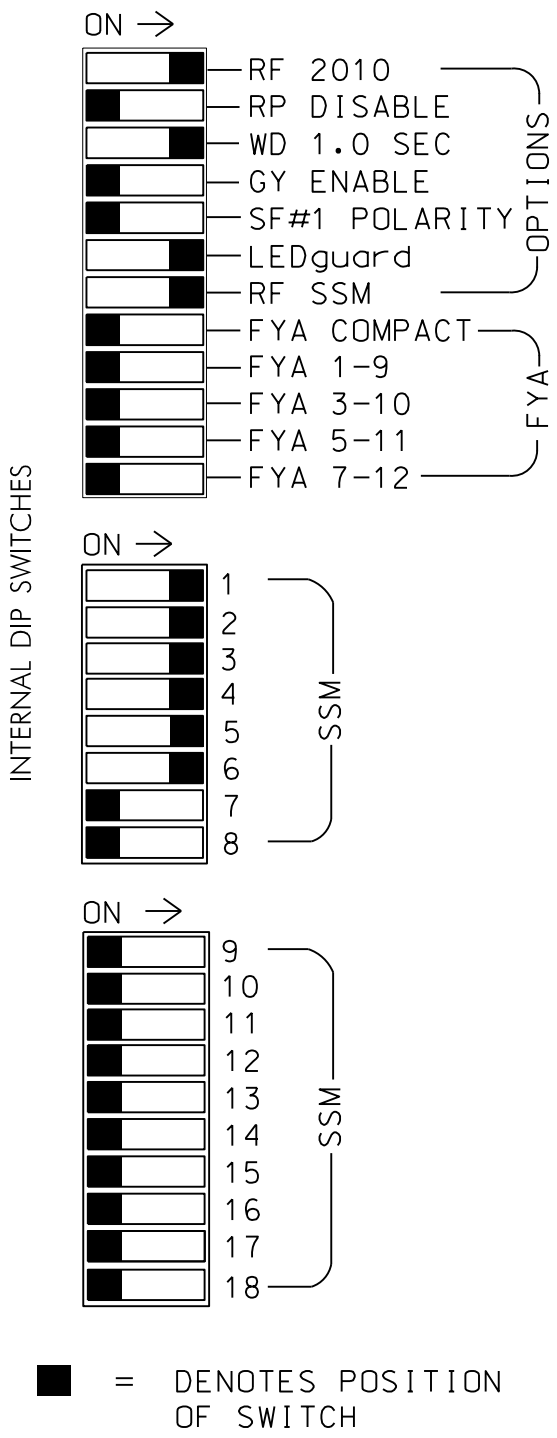
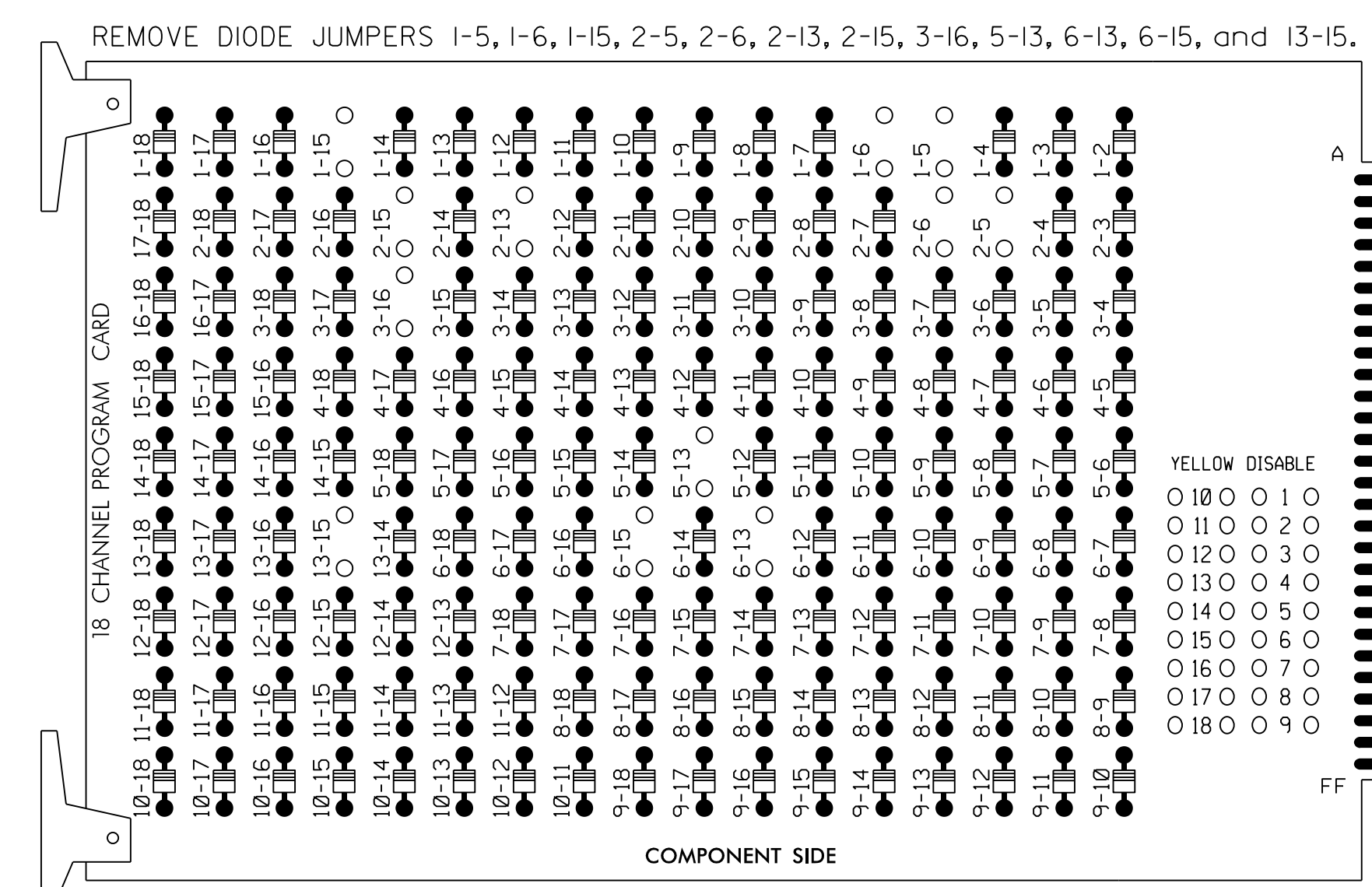


### EDI MODEL 2018ECLip-NC CONFLICT MONITOR PROGRAMMING DETAIL

(remove jumpers 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.

**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. Return controller to Factory Defaults before programming per this electrical detail.
3. Program controller for start up in Phase 2 WALK and Phase 6 WALK.
4. The cabinet and controller are part of the Fayetteville Signal System.

**EQUIPMENT INFORMATION**

CONTROLLER.....2070  
 CABINET.....332 W/AUX  
 SOFTWARE.....ECONOLITE ASC/3-2070  
 CABINET MOUNT.....BASE  
 OUTPUT FILE POSITIONS...18 WITH AUX. OUTPUT FILE LOAD SWITCHES USED.....S1,S2,S3,S4,S5,S7,S8,S9,S12  
 PHASES USED.....1,2,2PED,3,4,5,6,6PED,3PED  
 OVERLAP A.....NOT USED  
 OVERLAP B.....NOT USED  
 OVERLAP C.....NOT USED  
 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	4	2	3	3	4	4	4	5	6	6	7	8	3	OLA	OLB	OLE	OLC	OLD
SIGNAL HEAD NO.	11	42	21,22	P21, P22	31	32	41	42	NU	51	61,62	P61, P62	NU	NU	P31, P32	NU	NU	NU	NU
RED		128		116	116	101	101				134								
YELLOW		129		117	117	102	102				135								
GREEN		130		118	118	103	103				136								
RED ARROW	125										131								
YELLOW ARROW	126	126									132								
FLASHING YELLOW ARROW																			
GREEN ARROW	127	127			118		103				133								
Hand						113							119					110	
Walking Person																			112

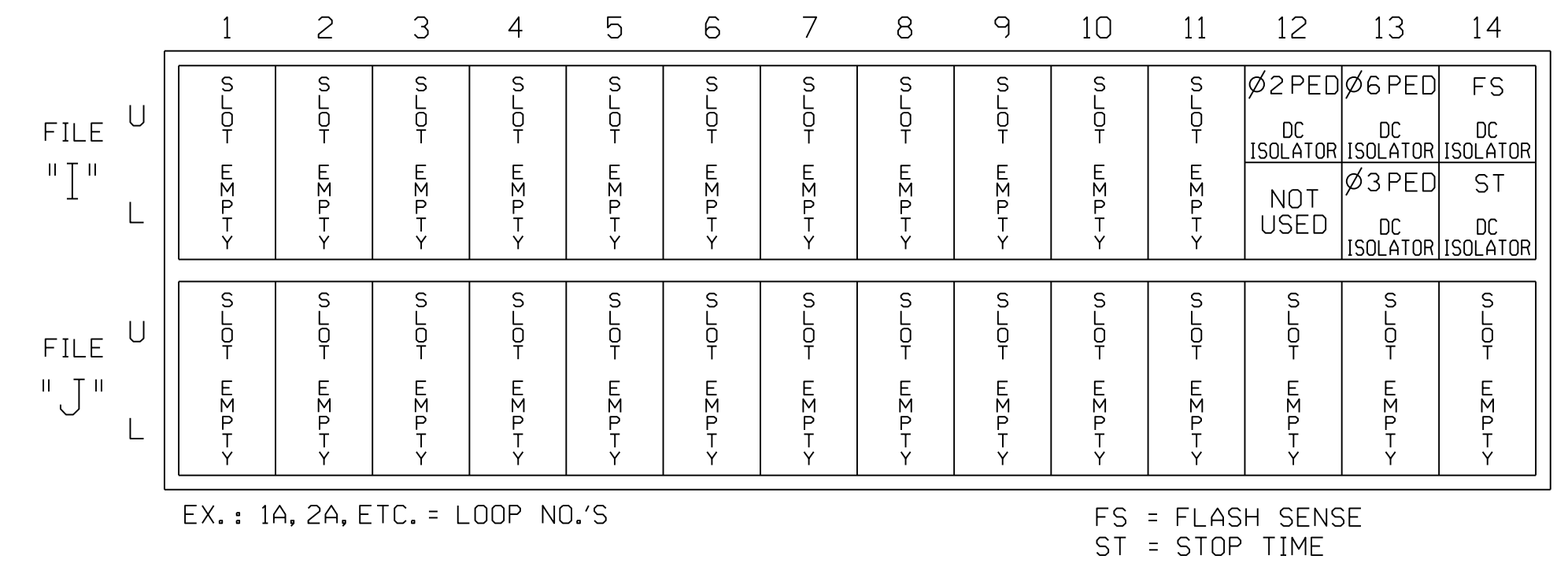
NU = Not Used  
 ★ See pictorial of head wiring in detail below.

**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.

**INPUT FILE POSITION LAYOUT**

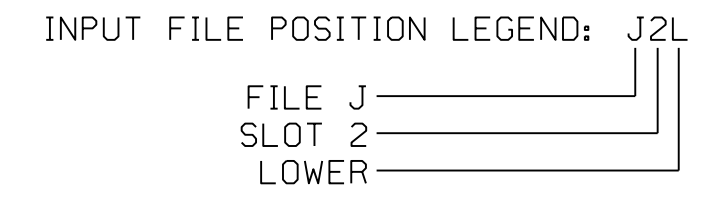
(front view)



**INPUT FILE CONNECTION & PROGRAMMING CHART**

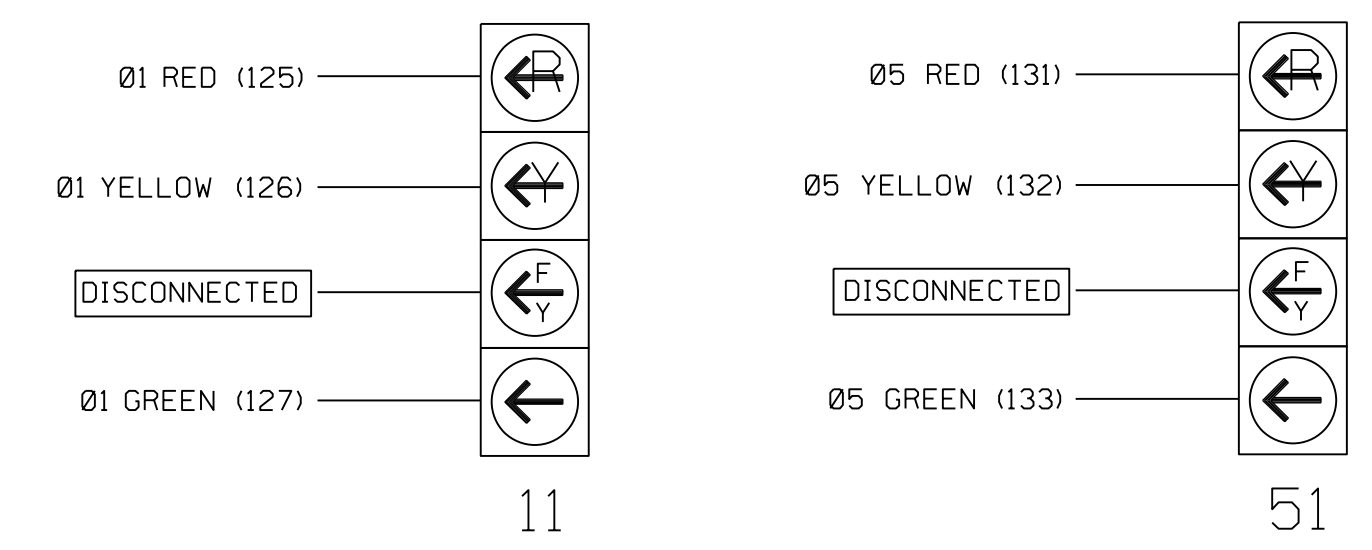
LOOP NO.	LOOP TERMINAL	INPUT FILE POS.	PIN NO.	DETECTOR NO.	NEMA PHASE
P21,P22	TB8-4,6	I12U	67	PED 2	2 PED
P31,P32	TB8-8,9	I13L	70	PED 8	3 PED
P61,P62	TB8-7,9	I13U	68	PED 6	6 PED

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



**SIGNAL WIRING DETAIL**

(wire signal heads as shown)

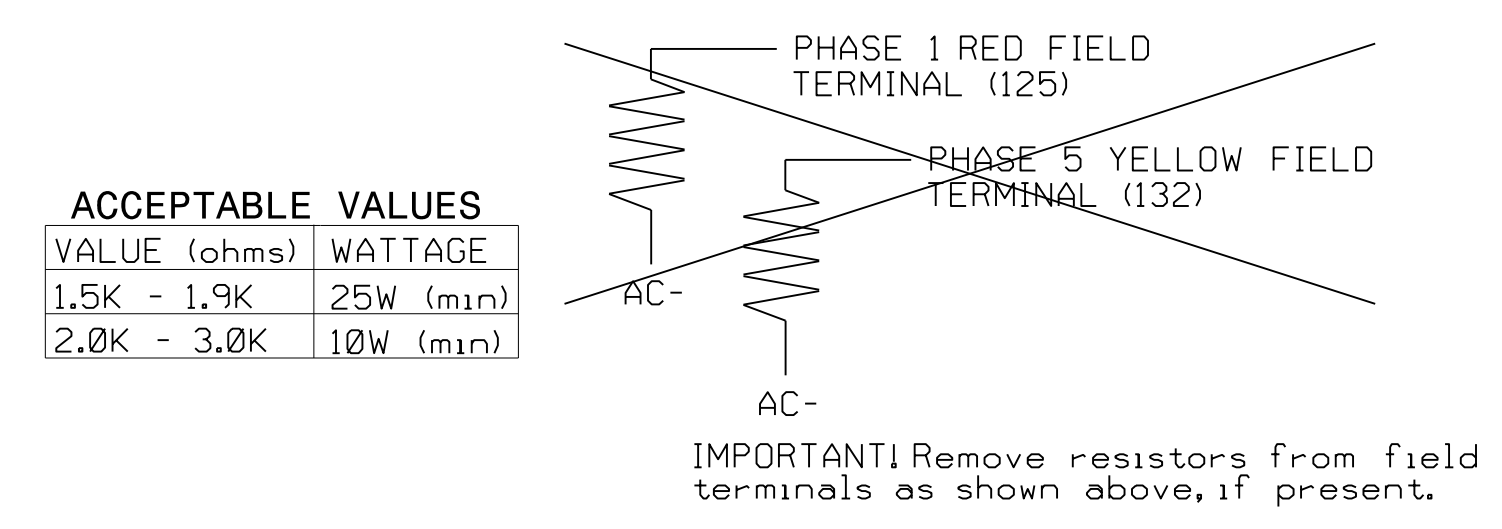


**DETECTOR NOTES**

1. For all loops, install a video detection system for vehicle detection. Perform installation according to manufacturer's directions and NCDOT engineer-approved mounting locations to accomplish the detection schemes shown on the Signal Design Plans.
2. Remove "Wired Inputs" from rear of input file to prevent unwanted calls to Phases 2 and 6.

**LOAD RESISTOR INSTALLATION DETAIL**

(install resistor as shown)



THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 06-0224T3  
 DESIGNED: March 2018  
 SEALED: 03-29-2018  
 REVISED: N/A

Temporary Design 3 - TMP Phase III  
 Electrical Detail - Sheet 1 of 2

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ELECTRICAL AND PROGRAMMING DETAILS FOR:

US 401 Business (Raeford Road) at Purdue Drive/SteinMart Driveway

Division 6 Cumberland County Fayetteville

PLAN DATE: March 2018 REVIEWED BY: L Overn

PREPARED BY: G B Spell REVIEWED BY:

SEAL

3/29/2018

SIG. INVENTORY NO. 06-0224T3