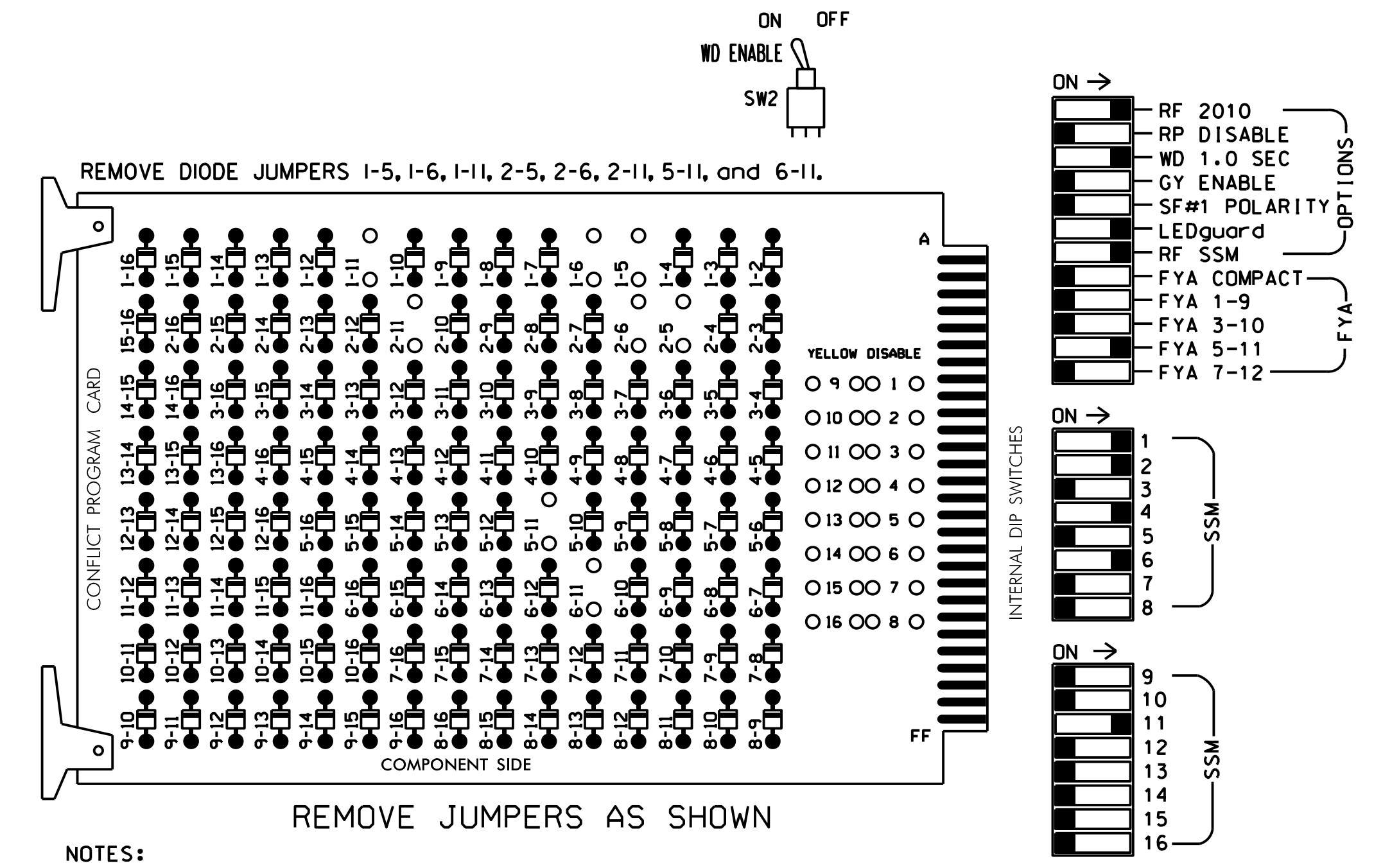


EDI MODEL 2018ECLIP-NC CONFLICT MONITOR PROGRAMMING DETAIL

(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.
- Make sure jumpers SEL2-SEL5 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 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 Startup In Green.
- Program phase 2 and 6 for Yellow Flash.
- The cabinet and controller are part of the High Point Signal System.

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	5	6	6 PED	7	8	8 PED	OLA	OLB	SPARE	OLC	OLD	SPARE
SIGNAL HEAD NO.	42	21,22	NU	NU	41	42	NU	51*	61,62, 63	NU	NU	NU	NU	NU	NU	51*	NU	NU
RED	*	128			101	101			134									
YELLOW					102	102		*	135									
GREEN					103	103			136									
RED ARROW																		A114
YELLOW ARROW	126																	A115
FLASHING YELLOW ARROW																		A116
GREEN ARROW	127	130			103			133										

NU = Not Used

* Denotes install load resistor. See load resistor installation detail this sheet.

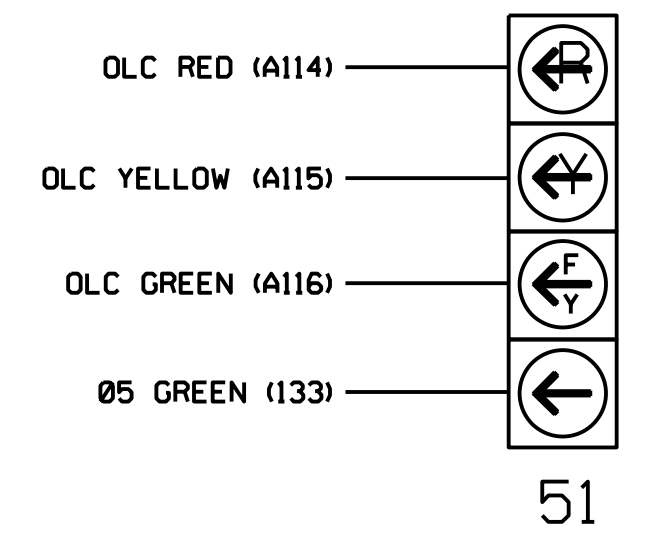
★ See pictorial of head wiring in detail this sheet.

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,S7,S8,AUX S4
 PHASES USED.....1,2,4,5,6
 OVERLAPS.....NONE
 OVERLAPS.....NONE
 OVERLAPS.....5+6
 OVERLAPS.....NONE

FYA SIGNAL WIRING DETAIL

(wire signal head as shown)



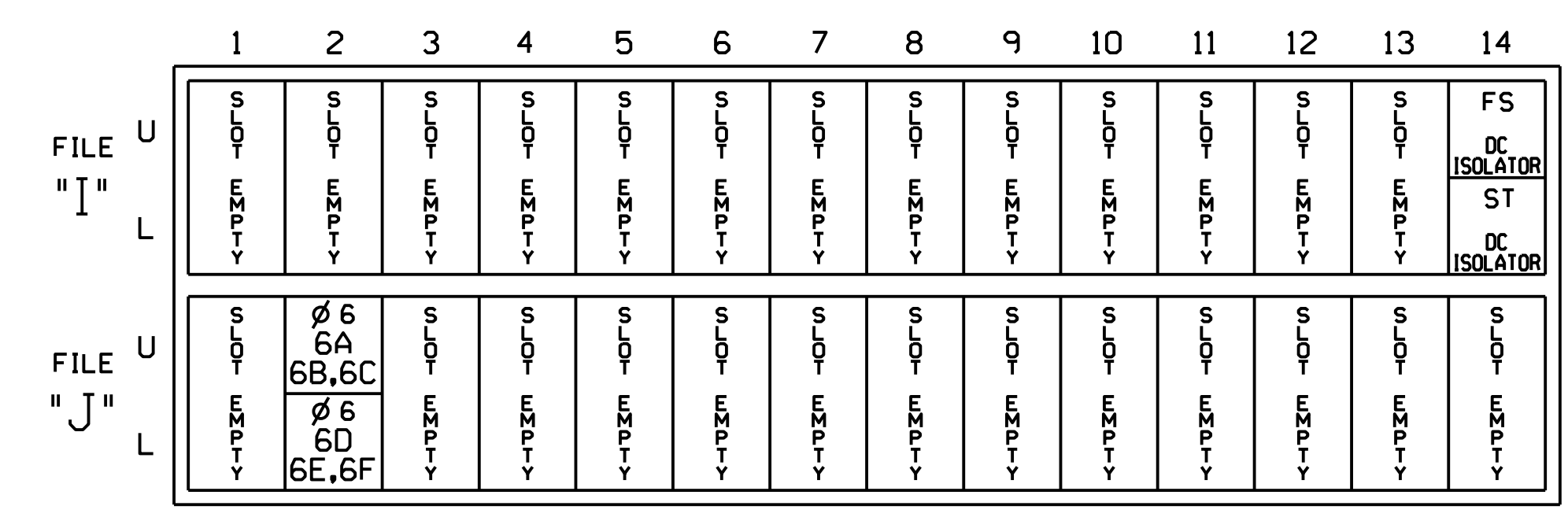
NOTE

The sequence display for this signal head requires special logic programming. See sheet 2 for programming instructions.

THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 07-1623T1
 DESIGNED: May 2018
 SEALED: May 18, 2018
 REVISED: N/A

INPUT FILE POSITION LAYOUT

(front view)



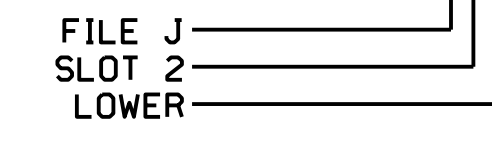
EX.: 1A, 2A, ETC. = LOOP NO.'S

FS = FLASH SENSE
 ST = STOP TIME

INPUT FILE CONNECTION & PROGRAMMING CHART

LOOP/ZONE NO.	LOOP TERMINAL	INPUT FILE POS.	PIN NO.	INPUT ASSIGNMENT NO.	DETECTOR NO.	NEMA PHASE	CALL	EXTEND	FULL TIME DELAY	STRETCH TIME	DELAY TIME
6A,6B,6C	T83-5,6	J2U	40	2	6	6	Y	Y		1.6	
6D,6E,6F	T83-7,8	J2L	44	6	16	6	Y	Y			

INPUT FILE POSITION LEGEND: J2L

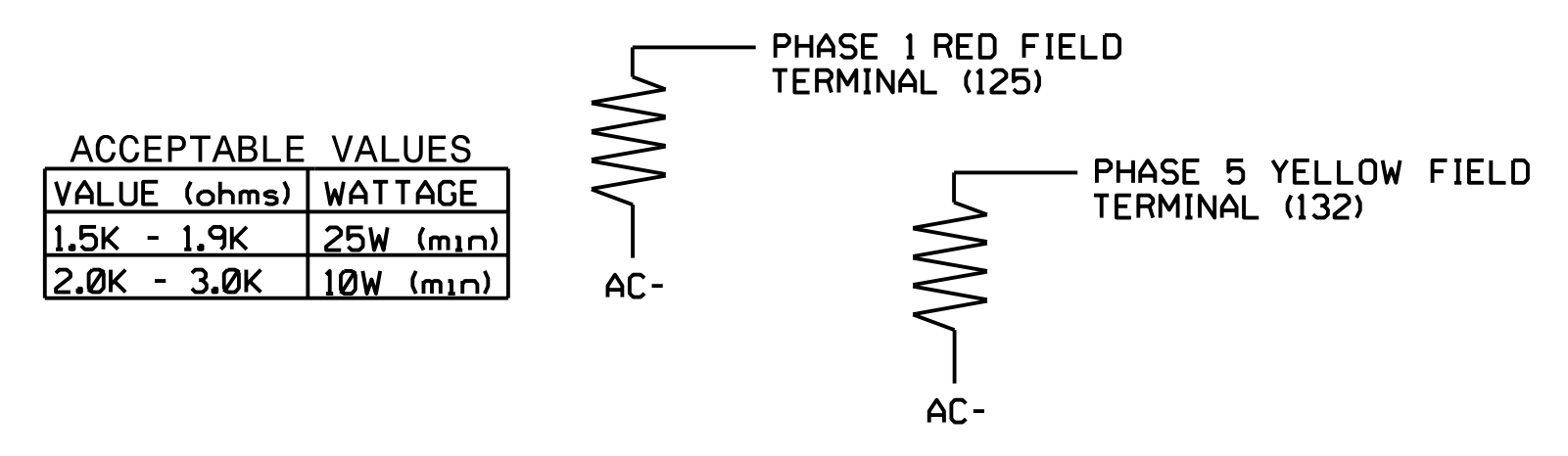


SPECIAL DETECTOR NOTE

Install a multiple zone microwave detection system for vehicle detection zones 1A, 2A, 2B, 4A and 5A. Perform installation according to manufacturer's directions and NCDOT engineer-approved mounting locations to accomplish the detection schemes shown on the Signal Design Plans.

LOAD RESISTOR INSTALLATION DETAIL

(install resistors as shown below)



Temporary Design 1; TMP-6
 Electrical Detail Sheet 1 of 2

ELECTRICAL AND PROGRAMMING DETAILS FOR:



NC 68 (Eastchester Drive)
 at
 I-74 WB/ US 311 NB Ramps

Division 7 Guilford County High Point

PLAN DATE: May 2018 REVIEWED BY: L. Boyer

PREPARED BY: A. Ravipati REVIEWED BY: R. Hinshaw

REVISIONS	INIT.	DATE

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

SEAL

DocuSigned by: R. Hinshaw 05/18/2018

SIGNATURE DATE

SIG. INVENTORY NO. 07-1623T1

Project #: 170908

