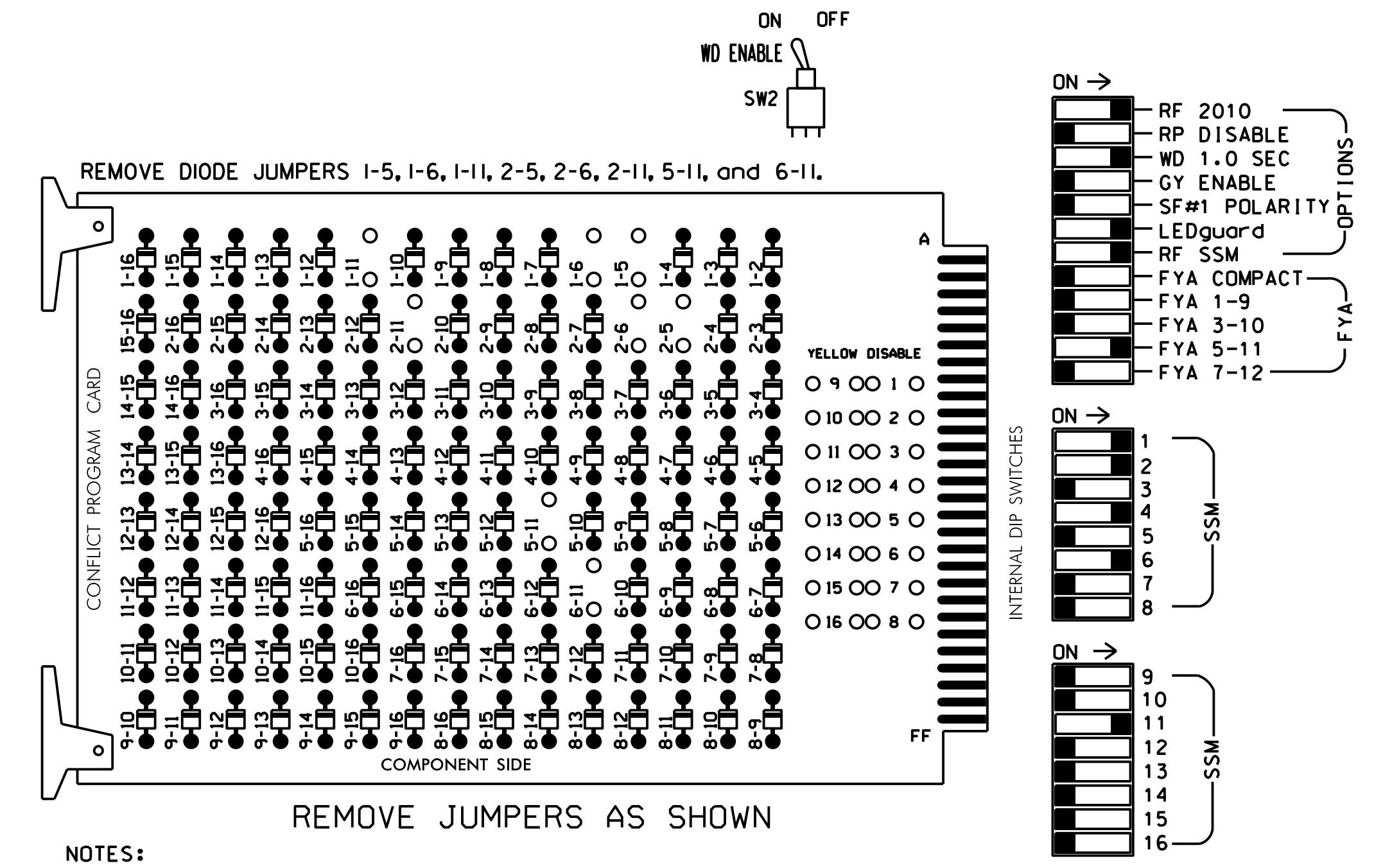


EDI MODEL 2018ECLIP-NC CONFLICT MONITOR PROGRAMMING DETAIL

(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		129			102	102		*	135										
GREEN		130			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.

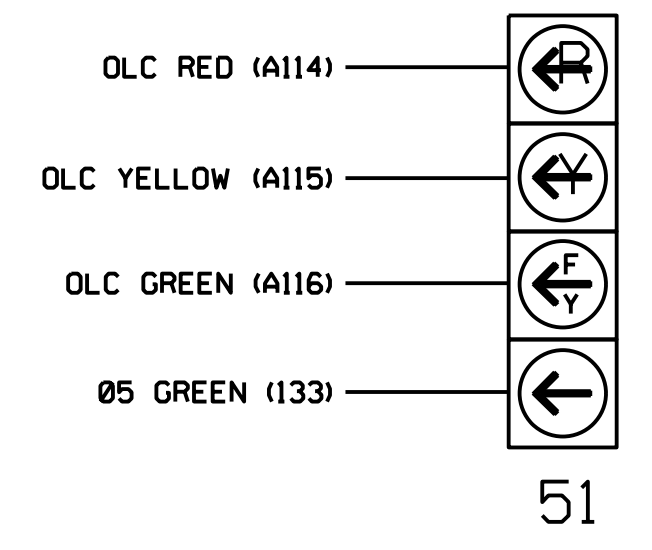
★ See pictorial of head wiring in detail this sheet.

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)

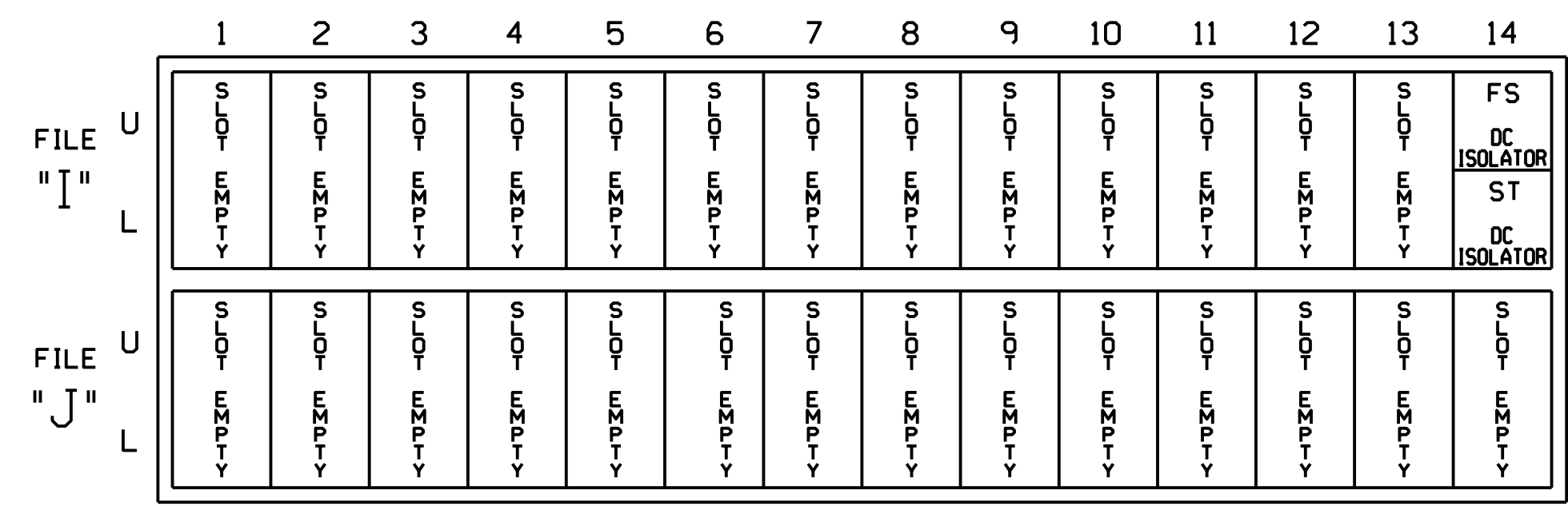


NOTE

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

INPUT FILE POSITION LAYOUT

(front view)



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

FS = FLASH SENSE
 ST = STOP TIME

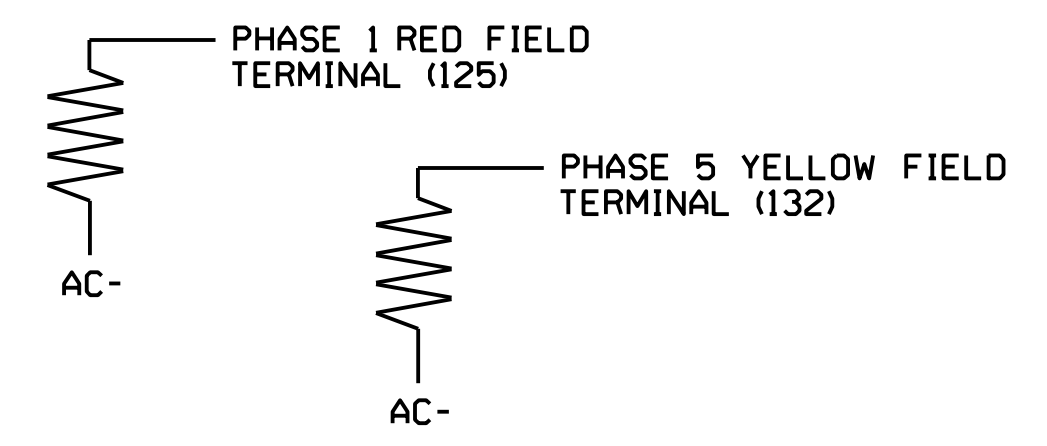
SPECIAL DETECTOR NOTE

Install a multiple zone microwave detection system for all vehicle detection zones. 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)

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



THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 07-1623T2
 DESIGNED: May 2018
 SEALED: May 18, 2018
 REVISED: N/A

Project #: 170908

Temporary Design 2; TMP-14
 Electrical Detail Sheet 1 of 2

ELECTRICAL AND PROGRAMMING DETAILS FOR: 	NC 68 (Eastchester Drive) at I-74 WB/ US 311 NB Ramps		DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED SEAL
	Division 7 PLAN DATE: May 2018 PREPARED BY: A. Ravipati	Guilford County High Point REVIEWED BY: L. Boyer REVIEWED BY: R. Hinshaw	

DocuSigned by:
 R. Hinshaw
 05/18/2018
 DATE
 SIG. INVENTORY NO. 07-1623T2