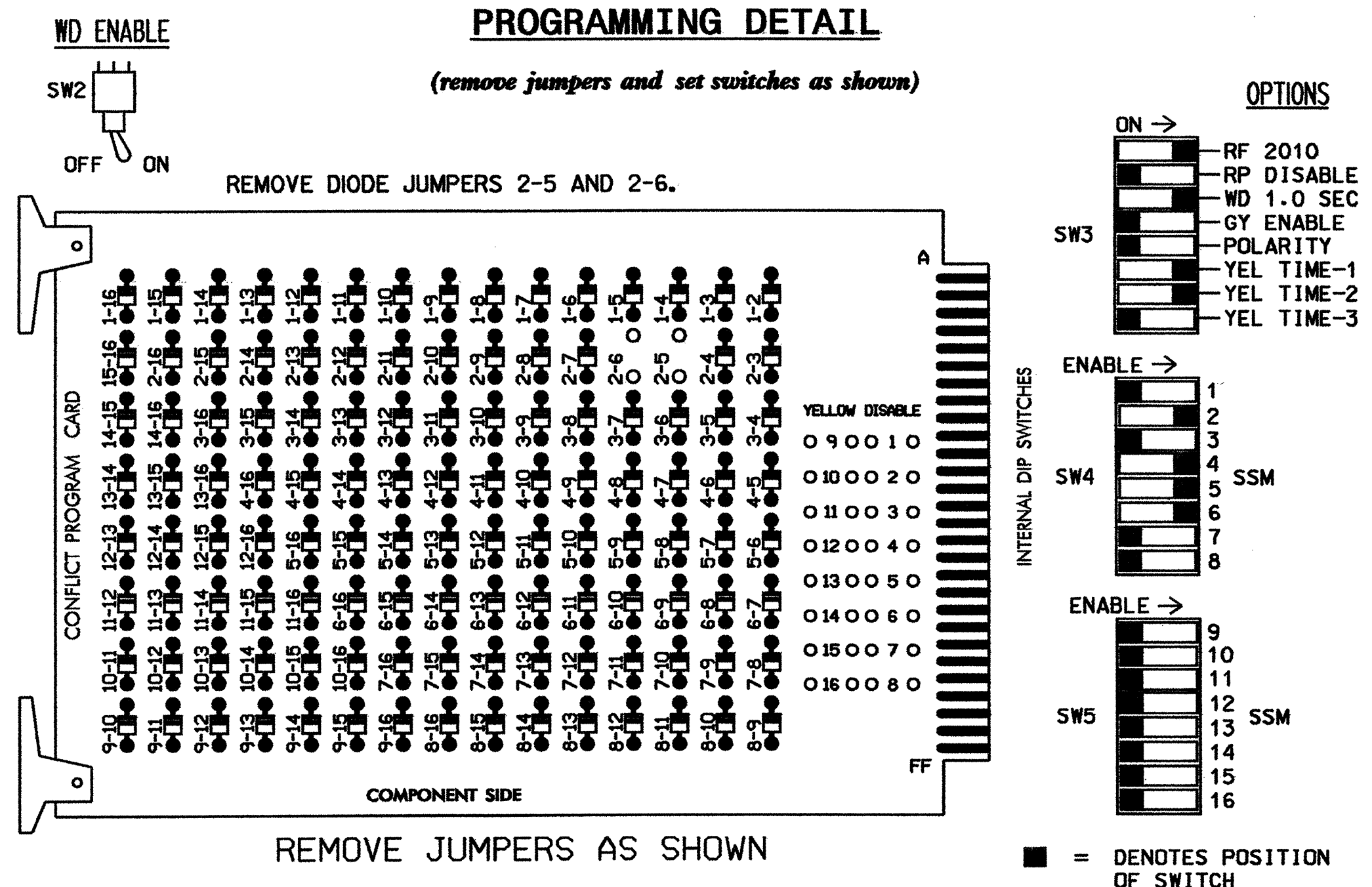


**EDI MODEL 2010ECL CONFLICT MONITOR**

**PROGRAMMING DETAIL**



**NOTES:**

- CARD IS PROVIDED WITH ALL DIODE JUMPERS IN PLACE. REMOVAL OF ANY JUMPER ALLOWS ITS CHANNELS TO RUN CONCURRENTLY.
- MAKE SURE JUMPERS SEL1-SEL5 ARE PRESENT ON THE MONITOR BOARD.

**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.
- ENSURE THAT RED ENABLE IS ACTIVE AT ALL TIMES DURING NORMAL OPERATION. TO PREVENT RED FAILURES ON UNUSED MONITOR CHANNELS, TIE UNUSED RED MONITOR INPUTS 1,3,7,8,9,10,11,12,13,14,15 & 16 TO LOAD SWITCH AC+ PER THE CABINET MANUFACTURER'S INSTRUCTIONS.
- PROGRAM CONTROLLER TO START UP IN PHASES 2 AND 6 GREEN.
- ENABLE SIMULTANEOUS GAP-OUT FEATURE, ON CONTROLLER UNIT, FOR ALL PHASES.

**EQUIPMENT INFORMATION**

CONTROLLER.....CONTRACTOR SUPPLIED 2070L CABINET .....CONTRACTOR SUPPLIED 332 SOFTWARE .....ECONOLITE OASIS CABINET MOUNT.....BASE OUTPUT FILE POSITIONS...12 LOAD SWITCHES USED.....S2,S4,S5,S6 PHASES USED.....2,4,5,6 OVERLAPS.....NONE

**FIELD CONNECTION HOOK-UP CHART**

LOAD SWITCH NO.	S1	S2	S2P	S3	S4	S4P	S5	S6	S6P	S7	S8	S8P
PHASE	1	2	2 PED	3	4	4 PED	5	6	6 PED	7	8	8 PED
SIGNAL HEAD NO.	NU	21,22	NU	NU	41,42	NU	21,42	61,62	NU	NU	NU	NU
GREEN		130			103			136				
YELLOW		129			102			135				
RED		128			101		*	134				
RED ARROW												
YELLOW ARROW								132				
GREEN ARROW								133				

NU = NOT USED  
\* DENOTES INSTALL LOAD RESISTOR. SEE LOAD RESISTOR INSTALLATION DETAIL THIS PAGE.

**PHASE SEQUENCE PROGRAMMING DETAIL**

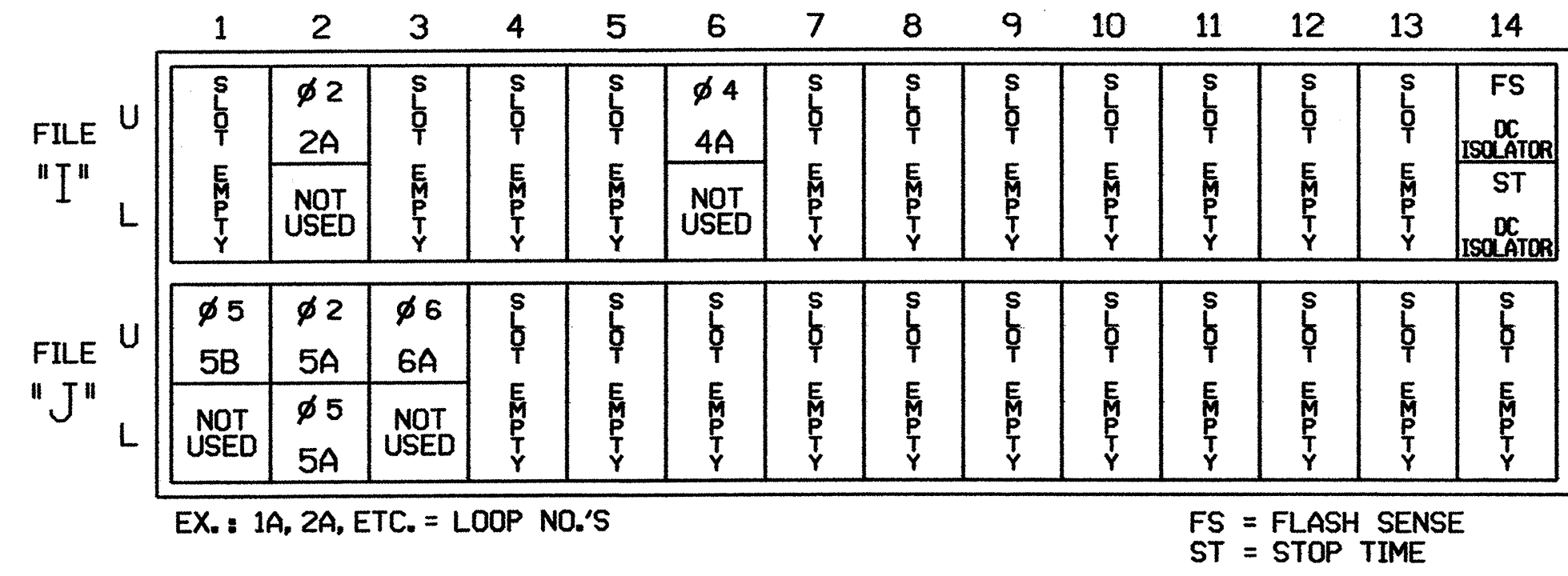
(program controller as shown below)

FROM OASIS LOCAL CONTROLLER MAIN MENU  
SELECT: 3 PHASE SEQUENCE

PHASE SEQUENCE: PAGE 1 NEXT: PAGES)					
RNG:LEAD	BARRIER 1	X-LAG:LEAD	BARRIER 2	X-LAG	
1 : 0	2	0	0	4	0
2 : 0	6	0	5	0	0
3 : 0	0	0	0	0	0
4 : 0	0	0	0	0	0

**INPUT FILE POSITION LAYOUT**

(front view)

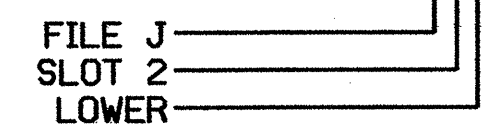


**INPUT FILE CONNECTION & PROGRAMMING CHART**

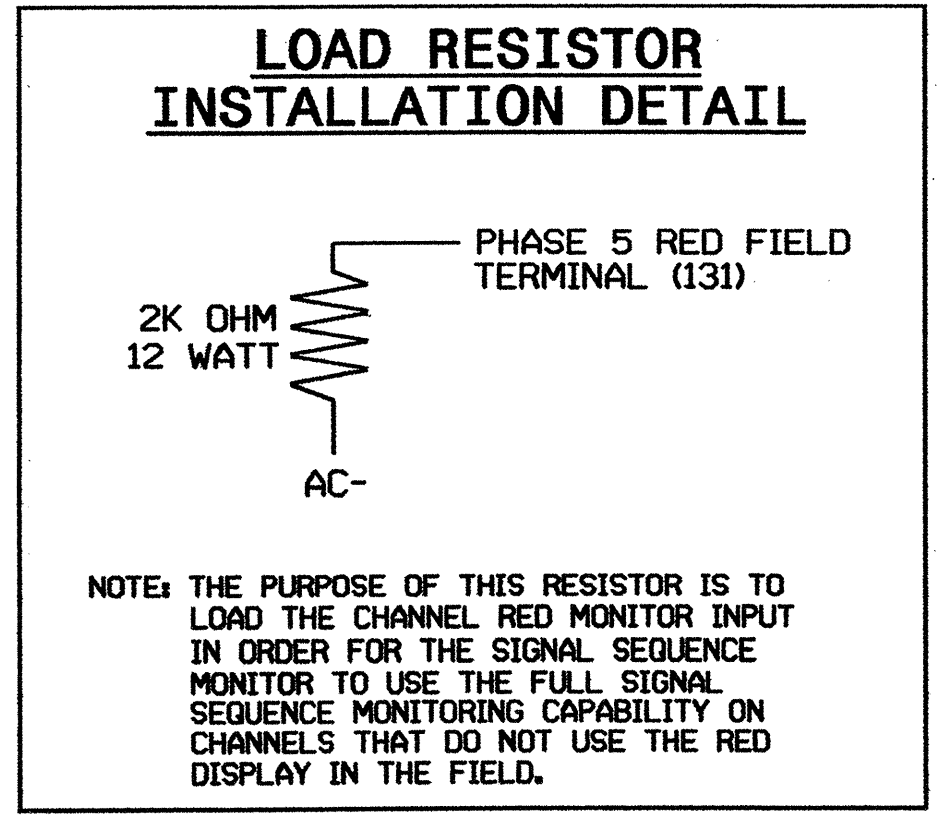
LOOP NO.	LOOP TERMINAL	INPUT FILE POS.	PIN NO.	INPUT ASSIGNMENT NO.	DETECTOR NO.	NEMA PHASE	CALL	EXTEND	FULL TIME DELAY	STRETCH TIME	DELAY TIME
2A	TB2-5,6	I2U	39	1	2	2	Y	Y			
4A	TB4-9,10	I6U	41	3	4	4	Y	Y			3
5B	TB3-1,2	J1U	55	17	5	5	Y	Y			15
5A <sup>1</sup>	TB3-5,6	J2U	40	2	6	2	Y	Y	Y		3
	TB3-7,8	J2L	44	6	16	5	Y	Y			15
6A	TB3-9,10	J3U	64	26	36	6	Y	Y			

<sup>1</sup> ADD JUMPERS FROM TB3-5 TO TB3-7, AND FROM TB3-6 TO TB3-8.

INPUT FILE POSITION LEGEND: J2L



**LOAD RESISTOR INSTALLATION DETAIL**



**NEW INSTALLATION: PHASE III TEMPORARY DESIGN**

ELECTRICAL AND PROGRAMMING DETAILS FOR:

**HOPE MILLS BYPASS AT SR 1141 (CUMBERLAND ROAD)**

Prepared in the Office of:

SEAL: NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 022013 GORGE C. BROWN

DIVISION 6 CUMBERLAND COUNTY HOPE MILLS  
PLAN DATE: OCTOBER 2003 REVIEWED BY: TVya  
PREPARED BY: WILLIAM HAIRSTON REVIEWED BY: [Signature]

REVISIONS: [Table with columns for REVISIONS, INIT., DATE]  
INIT. DATE  
[Signature] DATE

SIG. INVENTORY NO. 06-1254T