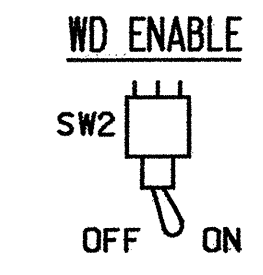
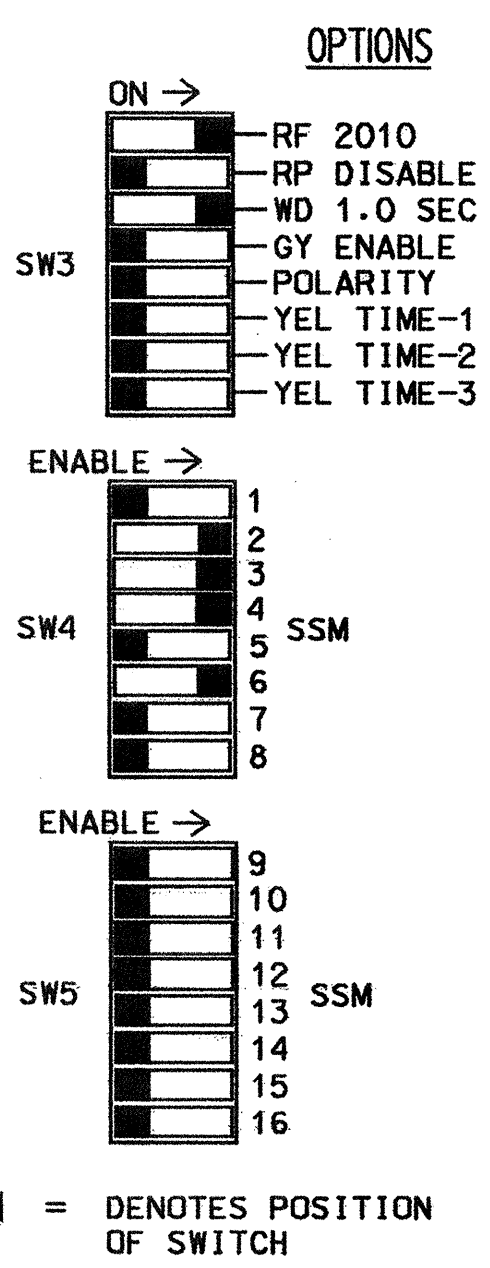
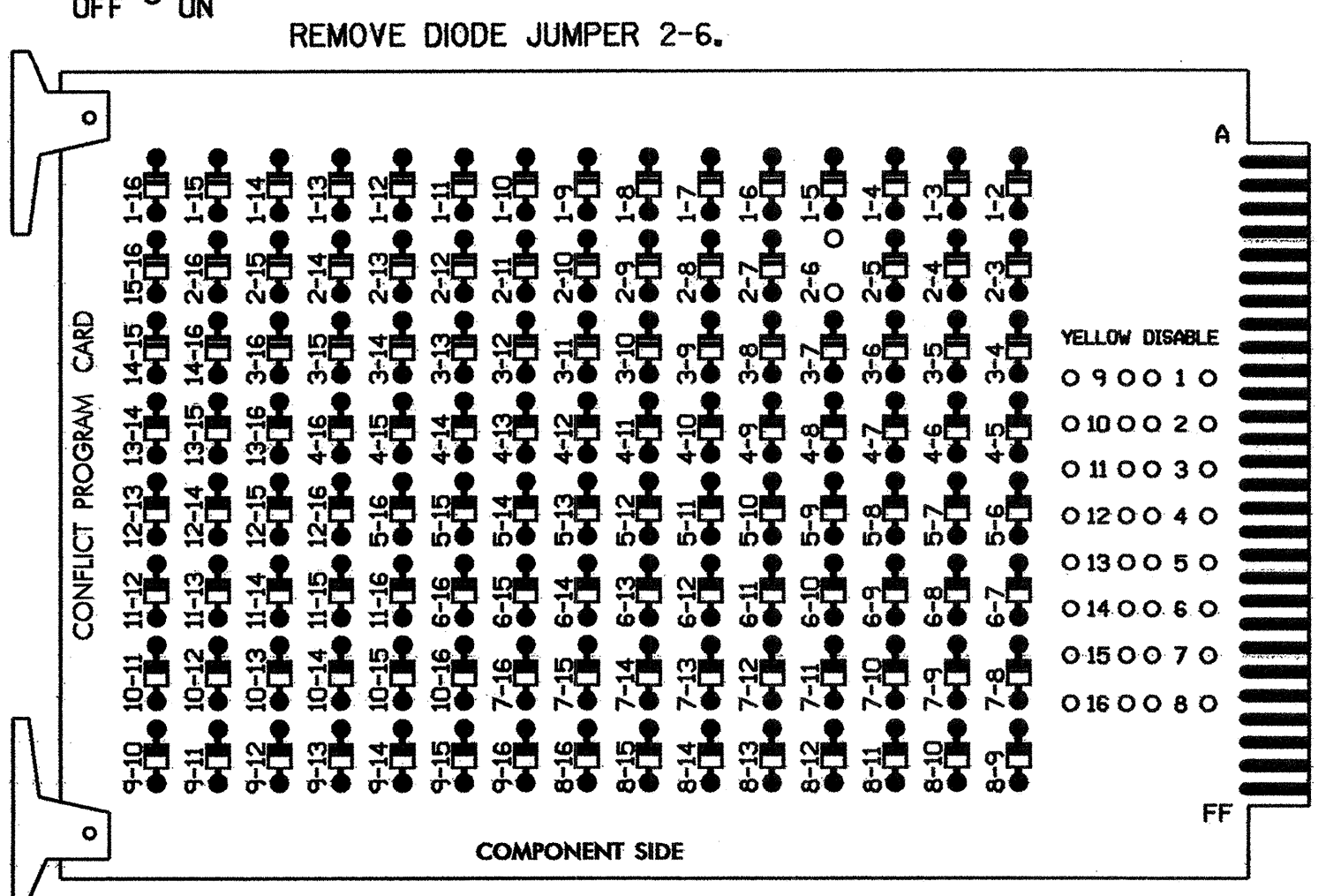


**EDI MODEL 2010ECL CONFLICT MONITOR**

**PROGRAMMING DETAIL**



(remove jumper 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. Make sure jumpers SEL1-SEL5 are present on the monitor board.

**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. 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 1,5,7, 8,9,10,11,12,13,14,15 & 16 to load switch AC+ per the cabinet manufacturer's instructions.
3. Program controller to start up in phases 2 and 6 green.
4. Enable Simultaneous Gap-Out, on the controller unit, for all phases.
5. The cabinet and controller are part of the Gastonia City System.

**EQUIPMENT INFORMATION**

CONTROLLER.....CONTRACTOR SUPPLIED 2070L  
 CABINET.....CONTRACTOR SUPPLIED 336  
 SOFTWARE.....ECONOLITE OASIS  
 CABINET MOUNT.....POLE  
 OUTPUT FILE POSITIONS...12  
 LOAD SWITCHES USED.....S2,S3,S4,S6  
 PHASES USED.....2,3,4,6  
 OVERLAPS.....NONE

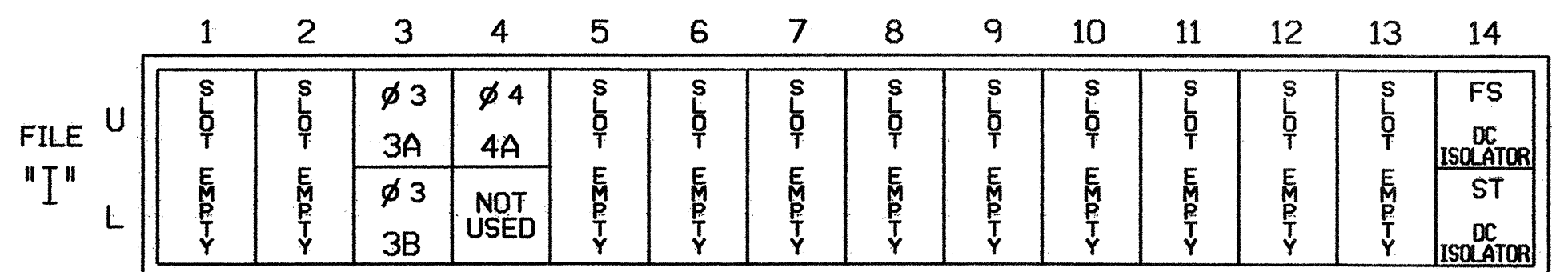
**FIELD CONNECTION HOOK-UP CHART**

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	31 32	41 42	NU	NU	61,62	NU	NU	NU	NU
GREEN		130		118 118	103 103			136				
YELLOW		129		117 117	102 102			135				
RED		128		116 116	101 101			134				
RED ARROW												
YELLOW ARROW												
GREEN ARROW				118	103							

NU = Not Used

**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 NO.	LOOP TERMINAL	INPUT FILE POS.	PIN NO.	INPUT ASSIGNMENT NO.	DETECTOR NO.	NEMA PHASE	CALL	EXTEND	FULL TIME DELAY	STRETCH TIME	DELAY TIME
3A	TB21-5,6	I3U	58	20	3	3	Y	Y			3
3B	TB23-5,6	I3L	49	11	24	3	Y	Y			15
4A	TB21-7,8	I4U	41	3	4	4	Y	Y			5

**INPUT FILE POSITION LEGEND: I2L**



THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 12-0036  
 DESIGNED: January 2005  
 SEALED: 02-08-05  
 REVISED:

**Signal Upgrade**

Electrical and Programming Details For:  
 Prepared in the Office of:  
  
 122 N. McDowell St., Raleigh, NC 27603

**US 29-74-NC 274**  
 (W. Franklin Boulevard)  
 at  
 Trenton Street  
 Gastonia  
 Division 12  
 PLAN DATE: January 2005  
 PREPARED BY: James Peterson  
 REVIEWED BY: T. Uja

SEAL  
  
 SIGNATURE: George C. Brown  
 DATE: 2/18/05  
 SIG. INVENTORY NO. 12-0036