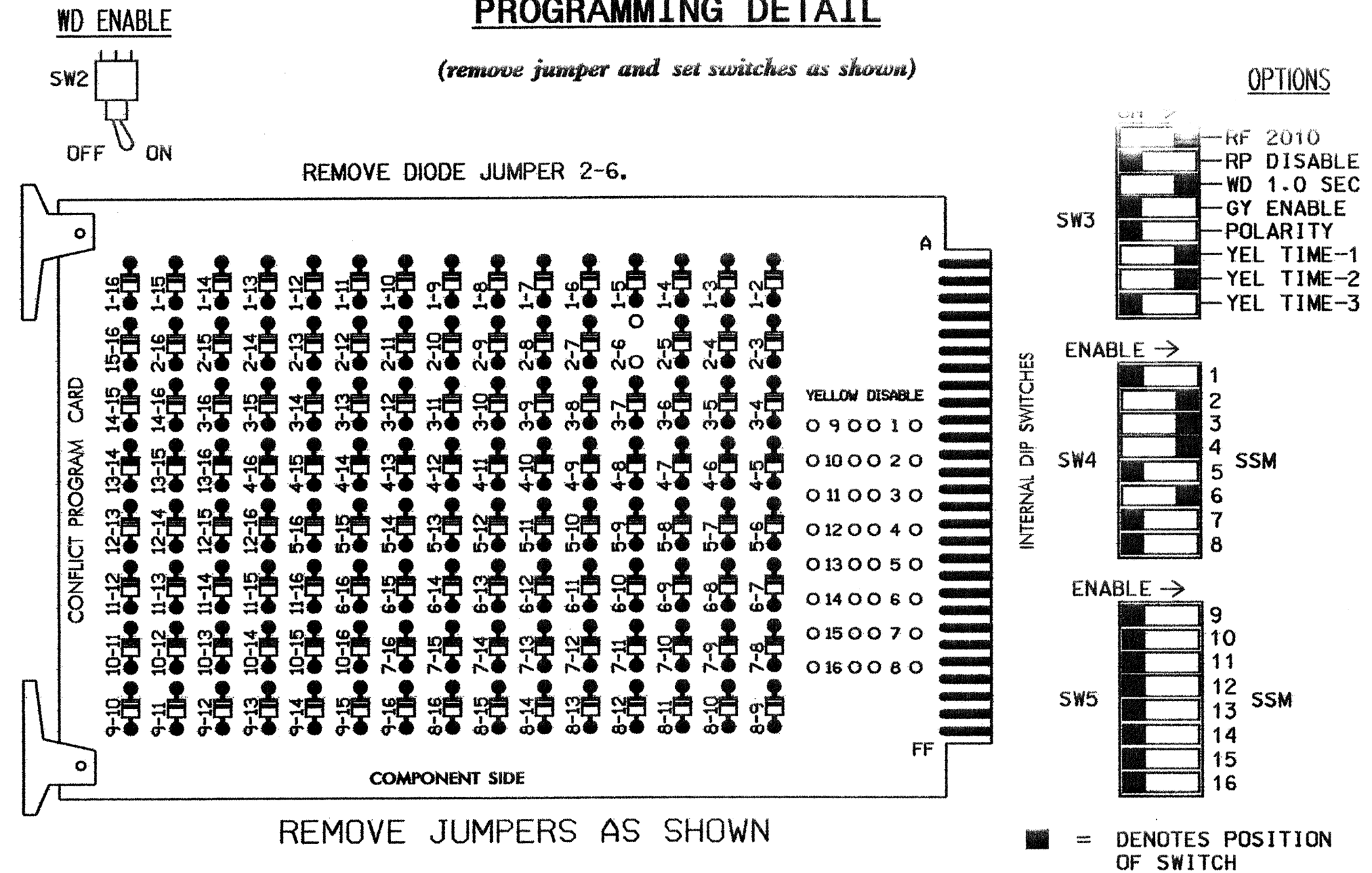


EDI MODEL 2010ECL CONFLICT MONITOR

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 1,5,7,8,9,10,11,12,13,14,15 & 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.
- PROGRAM PHASES 2 AND 6, ON CONTROLLER UNIT, FOR VARIABLE INITIAL AND GAP REDUCTION.

EQUIPMENT INFORMATION

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

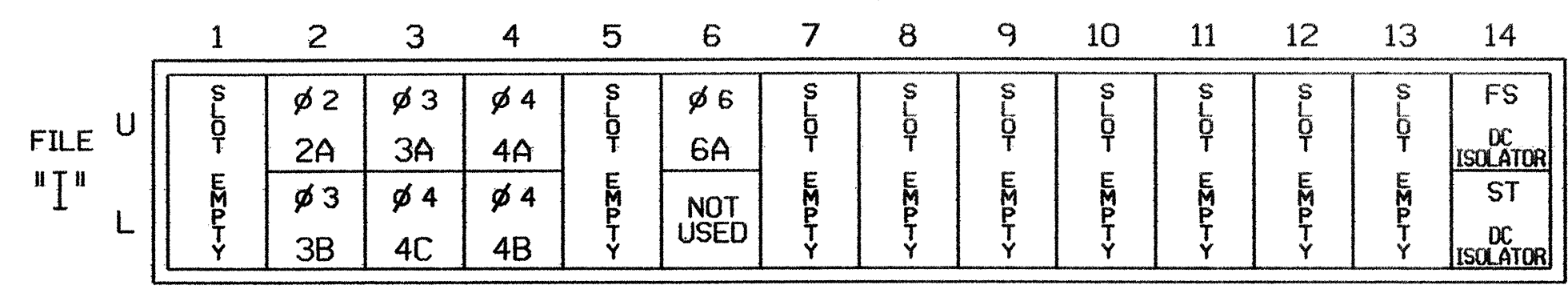
FIELD CONNECTION HOOK-UP CHART

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, 23	NU	3L, 33	32	41	42	NU	NU	6L, 62	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

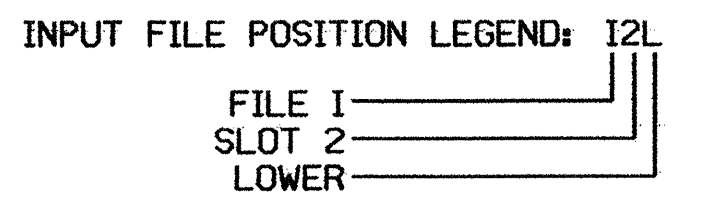
INPUT FILE POSITION LAYOUT

(front view)



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	TB21-3,4	I2U	39	1	2	2	Y	Y			
3B	TB23-3,4	I2L	43	5	12	3	Y	Y			15
3A	TB21-5,6	I3U	58	20	3	3	Y	Y			3
4C	TB23-5,6	I3L	49	11	24	4	Y	Y			15
4A	TB21-7,8	I4U	41	3	4	4	Y	Y			
4B	TB23-7,8	I4L	45	7	14	4	Y	Y			
6A	TB21-11,12	I6U	40	2	6	6	Y	Y			



THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 09-0812
 DESIGNED: JUNE 2004
 SEALED: 7/23/04
 REVISED:

SIGNAL UPGRADE - TEMPORARY

Electrical and Programming Details For:

Prepared in the Office of:

 122 N. McDowell St., Raleigh, NC 27603

NC 109 AT SR 1798 (OLD GREENSBORO RD.) / LEDFORD MIDDLE SCHOOL EXIT

DIVISION 9 DAVIDSON COUNTY THOMASVILLE

PLAN DATE: JULY 2004 REVIEWED BY: *R. Viskaw*

PREPARED BY: WILLIAM HAIRSTON REVIEWED BY:

REVISIONS	INIT.	DATE

George C. Brown
 SEAL
 NORTH CAROLINA PROFESSIONAL ENGINEER
 SEAL 022013
 ENGINEER
 GEORGE C. BROWN
 SIGNATURE DATE

SIG. INVENTORY NO. 09-0812

27-JUL-2004 08:19
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