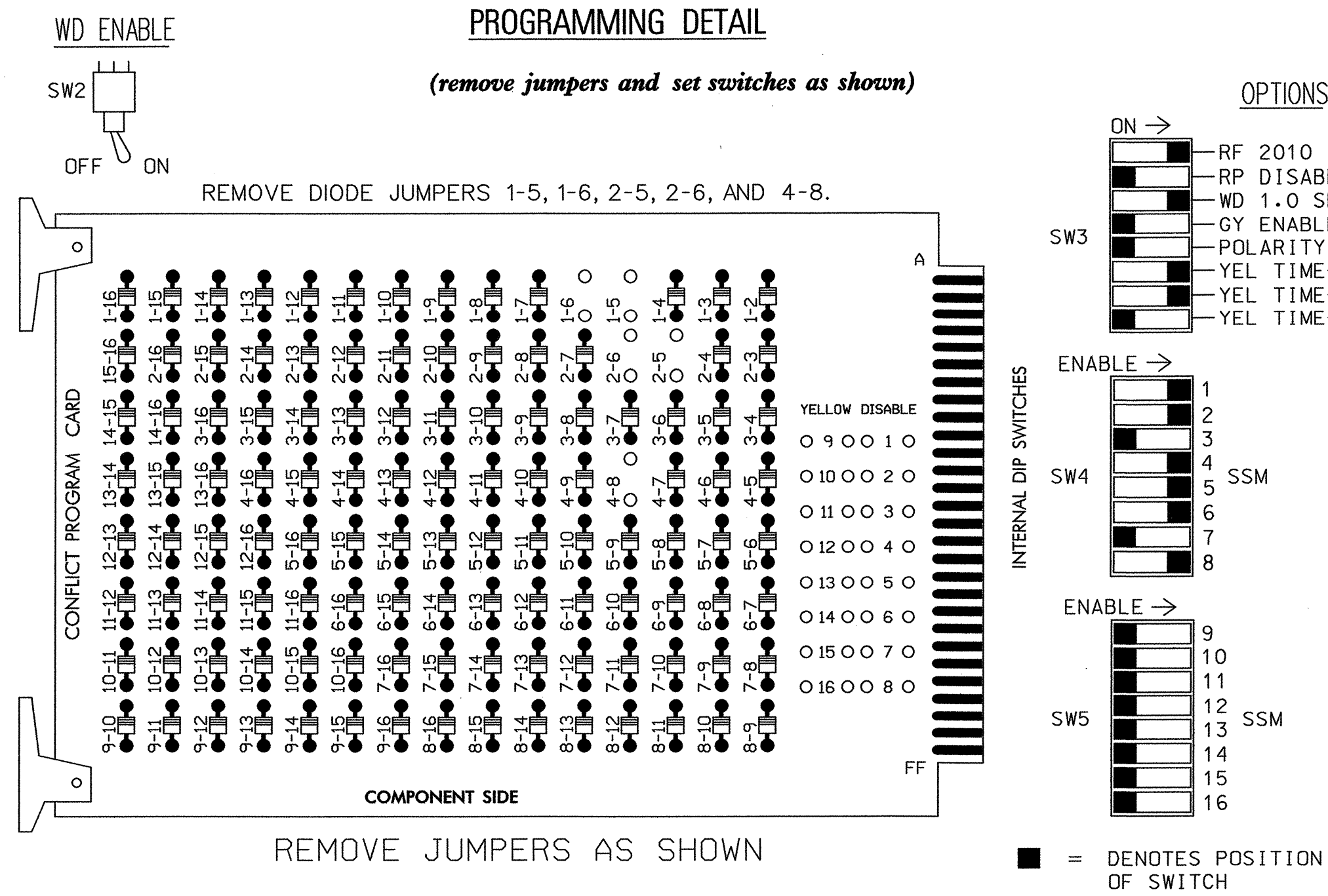


EDI MODEL 2010ECL CONFLICT MONITOR

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 SEL1-SEL5 ARE PRESENT ON THE MONITOR BOARD.

INPUT FILE POSITION LAYOUT

(front view)

FILE "I"	1	2	3	4	5	6	7	8	9	10	11	12	13	14	FS DC ISOLATOR
	∅ 1 1A	∅ 2 2A	∅ 1 1B	NOT USED	∅ 4 4A	∅ 4 4B	∅ 4 4A	∅ 4 4B	∅ 4 4A	∅ 4 4B	∅ 4 4A	∅ 4 4B	∅ 4 4A	∅ 4 4B	ST ISOLATOR
FILE "J"	∅ 5 5A	NOT USED	∅ 6 6A	∅ 5 5C	∅ 6 6B	∅ 8 8A	∅ 8 8A	∅ 8 8A	∅ 8 8A	∅ 8 8A	∅ 8 8A	∅ 8 8A	∅ 8 8A	∅ 8 8A	∅ 8 8A

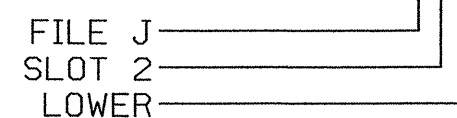
EX. : 1A, 2A, ETC. = LOOP NO.'S

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
1A	TB2-5,6	I2U	39	1	2	1	Y	Y	-	---	---
1B	TB2-7,8	I2L	43	5	12	1	Y	Y	-	---	15
2A	TB2-9,10	I3U	63	25	32	2	Y	Y	-	---	---
4A	TB4-9,10	I6U	41	3	4	4	Y	Y	-	---	3
4B	TB4-11,12	I6L	45	7	14	4	Y	Y	-	---	---
5A	TB3-1,2	J1U	55	17	5	5	Y	Y	-	---	---
5C	TB3-7,8	J2L	44	6	16	5	Y	Y	-	---	15
6A	TB3-9,10	J3U	64	26	36	6	Y	Y	-	---	---
6B	TB3-11,12	J3L	77	39	46	6	Y	Y	-	---	---
8A	TB5-9,10	J6U	42	4	8	8	Y	Y	-	---	---

INPUT FILE POSITION LEGEND: J2L



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 3,7,9,10,11,12,13,14,15 & 16 TO LOAD SWITCH AC+ PER 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 4 AND 8, ON CONTROLLER UNIT, FOR DUAL ENTRY.
- PROGRAM PHASES 2 AND 6, ON CONTROLLER UNIT, FOR VARIABLE INITIAL AND GAP REDUCTION.
- THE CONTROLLER AND CABINET ARE TO BE PROGRAMMED AND WIRED TO BE PART OF A CLOSED LOOP SIGNAL SYSTEM.
CONTROLLER ASSET: 0951

EQUIPMENT INFORMATION

CONTROLLER.....EXISTING 2070L CONTROLLER
CABINETEXISTING TYPE 332 CABINET
SOFTWAREECONOLITE OASIS
CABINET MOUNT.....BASE
OUTPUT FILE POSITIONS...12
LOAD SWITCHES USED.....S1,S2,S4,S5,S6,S8
PHASES USED.....1,2,4,5,6,8
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.	11	82	21,22	NU	41,42	NU	42	51	61,62	NU	81,82	NU
GREEN		130		103				136			109	
YELLOW		129		102				135			108	
RED		128		101				134			107	
RED ARROW	125							131				
YELLOW ARROW	126	126					132	132				
GREEN ARROW	127	127					133	133				
⚠												
👤												

NU = NOT USED

THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 03-0951T2
DESIGNED: SEPTEMBER 2003
SEALED: 1/7/2004
REVISED: TBD

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SIGNAL UPGRADE TEMPORARY DESIGN 2 CONSTRUCTION PHASE II

ELECTRICAL AND PROGRAMMING DETAILS FOR: SR 1409 (MILITARY CUTOFF ROAD) AT SIR TYLER DRIVE AND MAIN STREET (ACCESS "C")

Prepared for the Offices of:
The Planning and Safety Section
The Department of Public Safety
The Division of Traffic Management Services

122 N. McDowell St., Raleigh, NC 27603

SEAL
NORTH CAROLINA PROFESSIONAL ENGINEER
SEAL 07438
JAMES O. DEATON

DIVISION 03 NEW HANOVER COUNTY WILMINGTON

PLAN DATE: NOVEMBER 2003 REVIEWED BY: J O DEATON

PREPARED BY: M W YALCH REVIEWED BY:

REVISIONS INIT. DATE

Signature: James O. Deaton 1/14/04
DATE: 1/14/04

SIG. INVENTORY NO. 03-0951T2