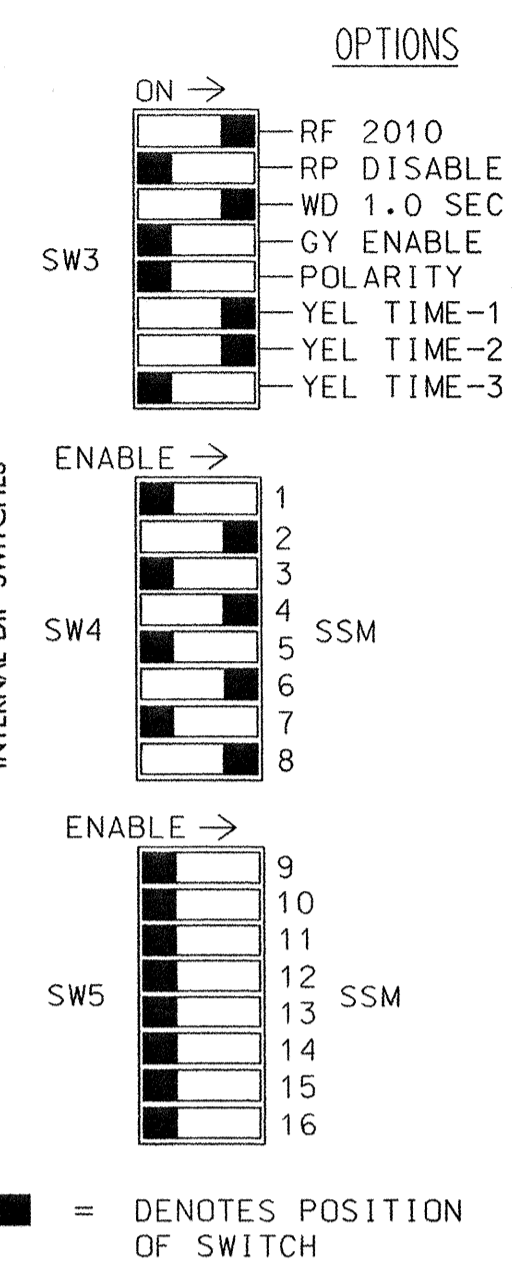
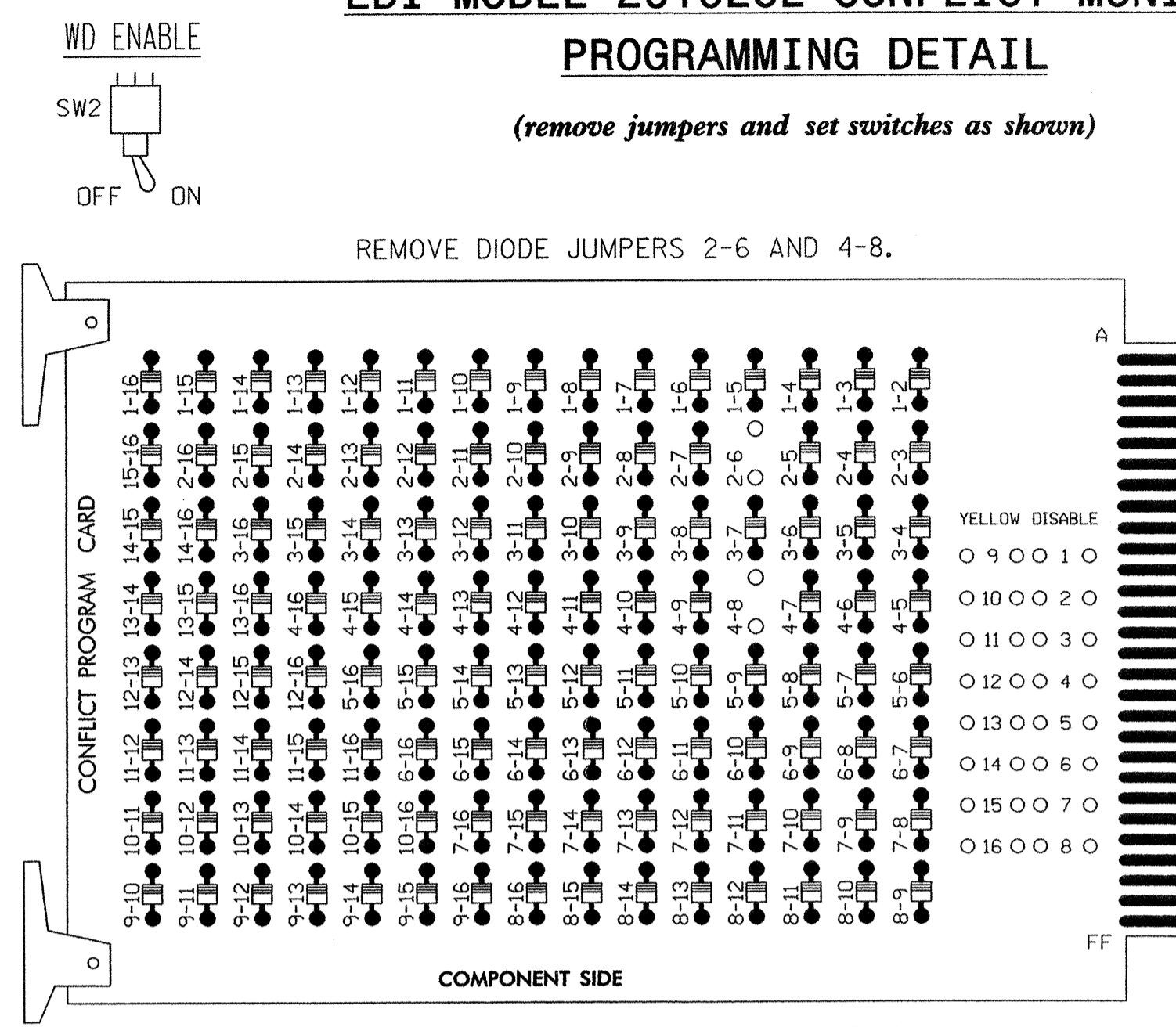


EDI MODEL 2010ECL CONFLICT MONITOR

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.

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 1,3,5,7,9,10,11,12,13,14,15 & 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.
- THE CONTROLLER AND CABINET ARE TO BE PROGRAMMED AND WIRED TO BE PART OF THE MERRIMON AVE CLOSED LOOP SIGNAL SYSTEM. CONTROLLER ASSET: 0253
- PROGRAM PHASES 4 AND 8, ON CONTROLLER UNIT, FOR DUAL ENTRY.

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	NU	61,62	NU	NU	81,82	NU
GREEN		130			103			136			109	
YELLOW		129			102			135			108	
RED		128			101			134			107	
RED ARROW												
YELLOW ARROW												
GREEN ARROW												

NU = NOT USED

INPUT FILE POSITION LAYOUT

(front view)

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

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
2A	TB2-5,6	I2U	39	1	2	2	Y	Y	-	---	--
2B	TB2-7,8	I2L	43	5	12	2	Y	Y	-	---	--
4A	TB4-9,10	I6U	41	3	4	4	Y	Y	-	---	10
6A	TB3-5,6	J2U	40	2	6	6	Y	Y	-	---	--
6B	TB3-7,8	J2L	44	6	16	6	Y	Y	-	---	--
8A	TB5-9,10	J6U	42	4	8	8	Y	Y	-	---	--

INPUT FILE POSITION LEGEND: J2L
FILE J
SLOT 2
LOWER

EQUIPMENT INFORMATION

CONTROLLER.....CONTRACTOR SUPPLIED 2070L
 CABINETCONTRACTOR SUPPLIED 332
 SOFTWAREECONOLITE OASIS
 CABINET MOUNT.....BASE
 OUTPUT FILE POSITIONS...12
 LOAD SWITCHES USED.....S2,S4,S6,S8
 PHASES USED.....2,4,6,8
 OVERLAPS.....NONE

PLANS PREPARED BY :

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SIGNAL UPGRADE - TEMPORARY

ELECTRICAL AND PROGRAMMING DETAILS FOR:		WOODFIN STREET AT MARKET STREET/I-240 EB ON-RAMP	
Prepared for the Offices of: 122 N. McDowell St., Raleigh, NC 27603	Division 13 PLAN DATE: DECEMBER 2004 PREPARED BY: M W YALCH	BUNCOMBE COUNTY REVIEWED BY: J O DEATON REVIEWED BY:	ASHEVILLE REVISIONS INIT. DATE

SEAL

 NORTH CAROLINA PROFESSIONAL ENGINEER
 SEAL 07438
 JAMES O. DEATON
 SIGNATURE DATE
 12/23/04
 SIG. INVENTORY NO. 13-0253T

THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 13-0253T
 DESIGNED: APRIL 2004
 SEALED: 12/17/04
 REVISED: TBD