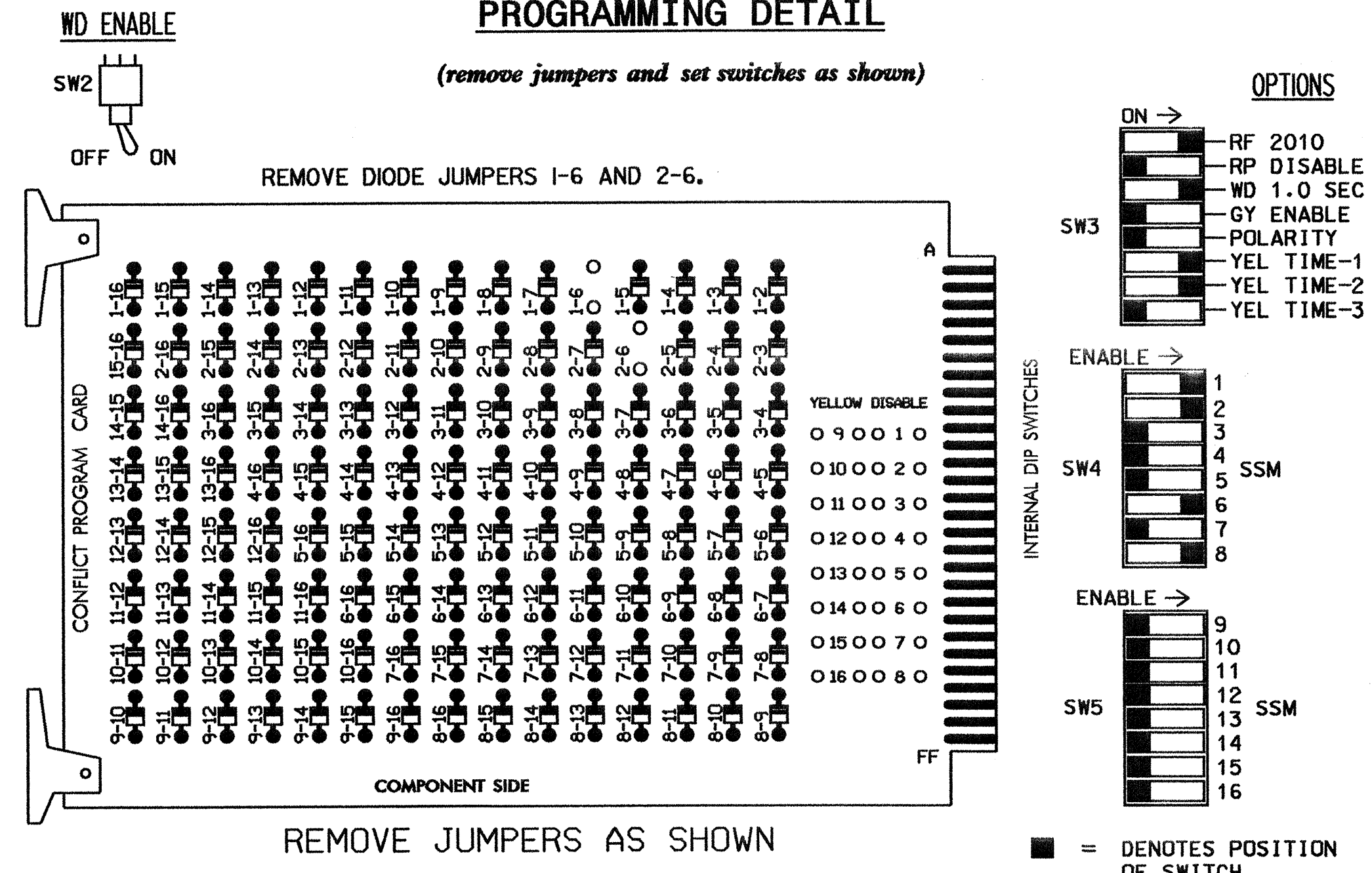


EDI MODEL 2010ECL CONFLICT MONITOR

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. 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 3,4,5, 7,9,10,11,12,13,14,15 & 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.

FIELD CONNECTION HOOK-UP CHART

LOAD SWITCH NO.	S1	S2	S2P	S3	S4	S4P	S5	S6	S6P	S7	S8	S8P	S9	S10	S11	S12	S13	S14
PHASE	1	2	2 PED	3	4	4 PED	5	6	6 PED	7	8	8 PED	OLA	OLB	SPARE	OLC	OLD	SPARE
SIGNAL HEAD NO.	12	82	21,22	NU	NU	NU	NU	61,62	NU	NU	81,82, 84	NU	NU	NU	NU	NU	NU	NU
GREEN		130						136			109							
YELLOW		129						135			108							
RED		128						134			107							
RED ARROW	125																	
YELLOW ARROW	126	126																
GREEN ARROW	127	127																

NU = NOT USED

EQUIPMENT INFORMATION

CONTROLLER.....CONTRACTOR SUPPLIED 2070L
 CABINET.....CONTRACTOR SUPPLIED 332
 SOFTWARE.....ECONOLITE OASIS
 CABINET MOUNT.....BASE
 OUTPUT FILE POSITIONS..18 (12-STD, 6-AUX)
 LOAD SWITCHES USED.....S1,S2,S6,S8
 PHASES USED.....1,2,6,8
 OVERLAPS.....NONE

INPUT FILE POSITION LAYOUT

(front view)

FILE "I"	1	2	3	4	5	6	7	8	9	10	11	12	13	14
FUTURE USE	∅ 2	S	S	S	NOT USED	∅ 1	S	S	S	S	S	S	S	FS
NOT USED	FUTURE USE	S	S	S	1B	FUTURE USE	S	S	S	S	S	S	S	DC ISOLATOR
FUTURE USE	∅ 6	S	S	S	∅ 8	S	S	S	S	S	S	S	S	DC ISOLATOR
	6B	S	S	S	NOT USED	S	S	S	S	S	S	S	S	S

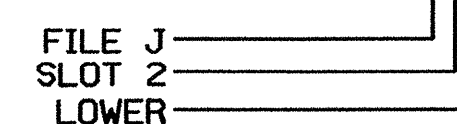
EX.: 1A, 2A, ETC. = LOOP NO.'S

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			
1B	TB4-11,12	I6L	45	7	14	1	Y	Y			
1C	TB6-1,2	I7U	65	27	34	1	Y	Y			15
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:



THIS ELECTRICAL DETAIL IS FOR THE
 TEMPORARY SIGNAL DESIGNS: 06-1121T1
 DESIGNED: AUGUST 2004 06-1121T2
 SEALED: 9/2/04
 REVISED: N/A

TEMPORARY SIGNAL 1 - TCP PHASE I
 TEMPORARY SIGNAL 2 - TCP PHASE III

ELECTRICAL AND PROGRAMMING DETAILS FOR:

Prepared in the Office of:

 122 N. McDowell St., Raleigh, NC 27603

NC 87 / (NC 41/NC 87)
 at
NC 41

DIVISION 06 BLADEN COUNTY DUBLIN

PLAN DATE: **SEPTEMBER 2004** REVIEWED BY:

PREPARED BY: **F. E. RUSS** REVIEWED BY:

REVISIONS

INIT. DATE

SEAL
 NORTH CAROLINA
 PROFESSIONAL ENGINEER
 SEAL 022013
 GEORGE C. BROWN
 DATE

SIG. INV. NO. 06-1121T1,T2