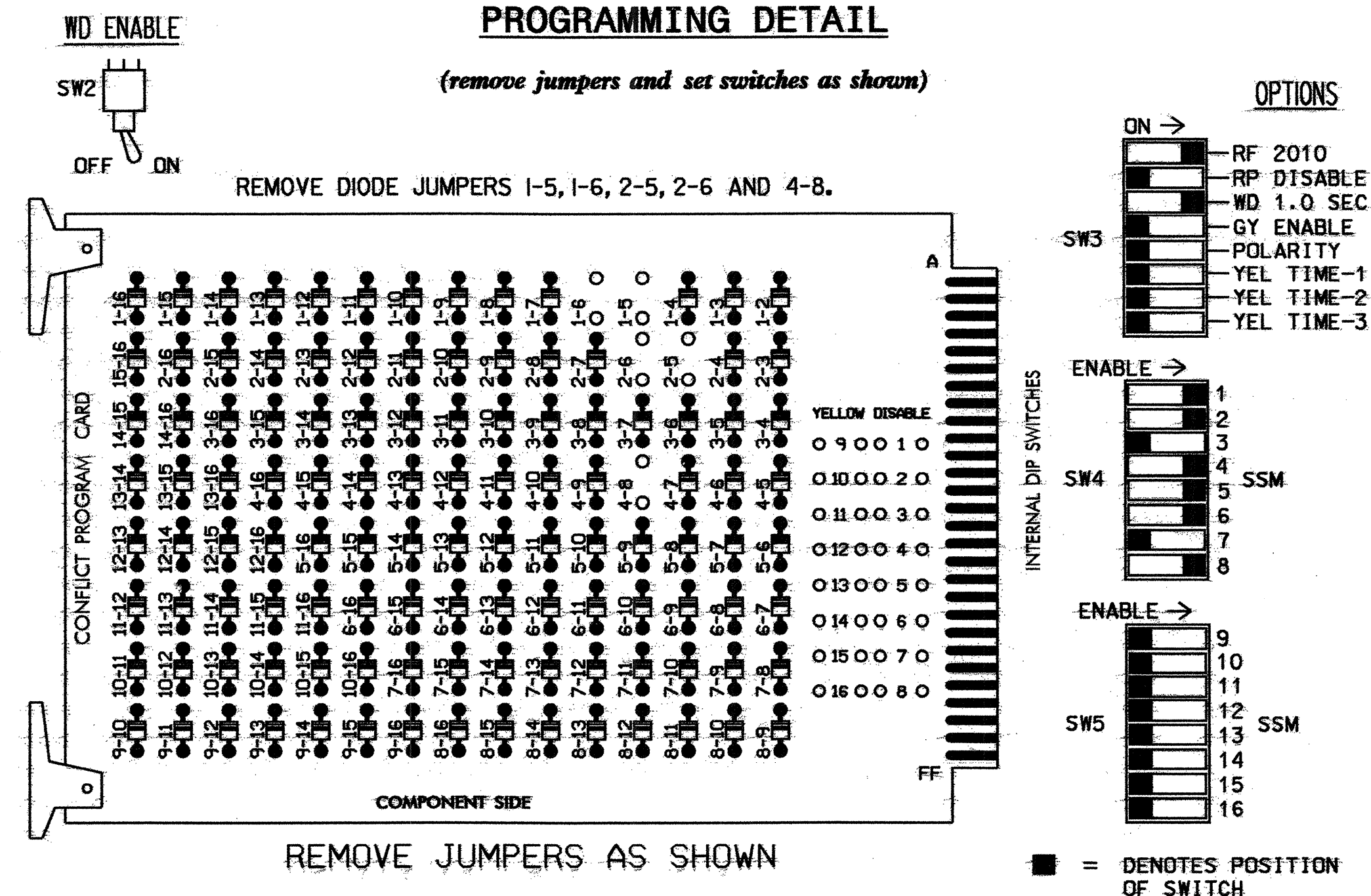


EDI MODEL 2010ECL CONFLICT MONITOR

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.
- TO PREVENT RED FAILURES ON UNUSED MONITOR CHANNELS, SEE RED MONITOR BOARD PROGRAMMING DETAIL THIS SHEET.
- 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 CABINET AND CONTROLLER ARE PART OF THE GASTONIA CITY SYSTEM.

EQUIPMENT INFORMATION

CONTROLLER.....EAGLE TYPE 2070L
 CABINET.....McCAIN/CONTROL TECHNOLOGIES
 (DWG.NO.9500-332-NCDOT)
 SOFTWARE.....ECONOLITE 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

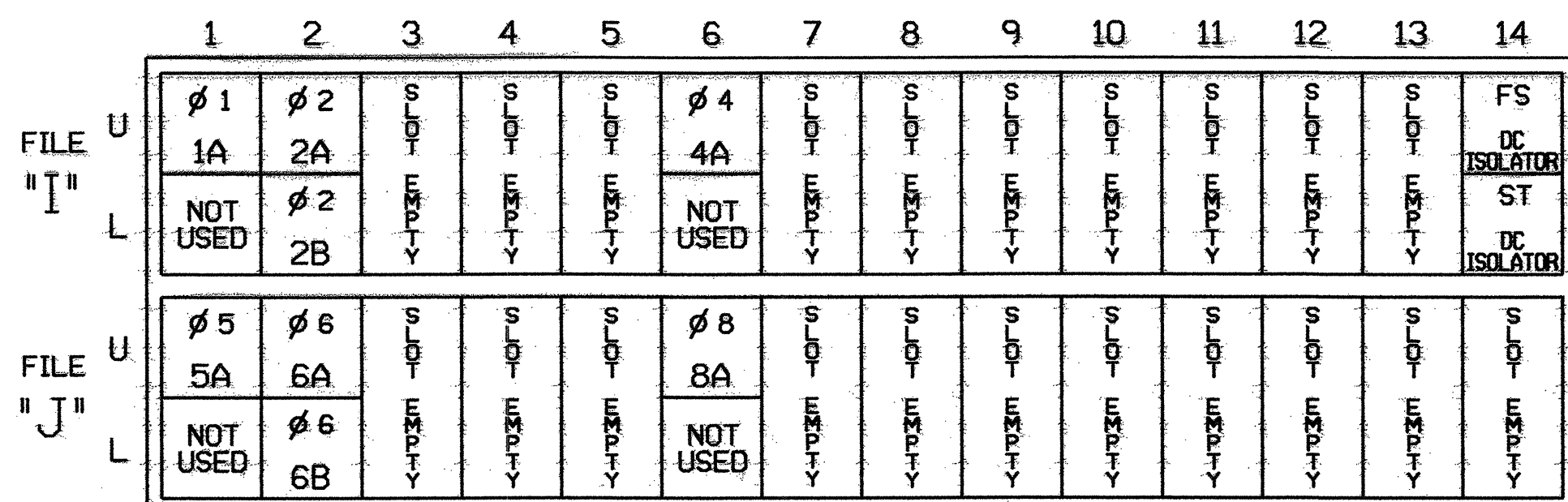
FIELD CONNECTION HOOK-UP CHART

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	21,22	NU	NU	41, 42,43	NU	51	61,62	NU	NU	81, 82,83	NU
GREEN		130			103			136				109
YELLOW		129			102			135				108
RED		128			101			134				107
RED ARROW	125							131				
YELLOW ARROW	126							132				
GREEN ARROW	127							133				

NU = NOT USED

INPUT FILE POSITION LAYOUT

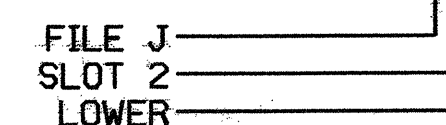
(front view)



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
1A	TB2-1,2	I1U	56	18	1	1	Y	Y			
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			3
5A	TB3-1,2	J1U	55	17	5	5	Y	Y			
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			3

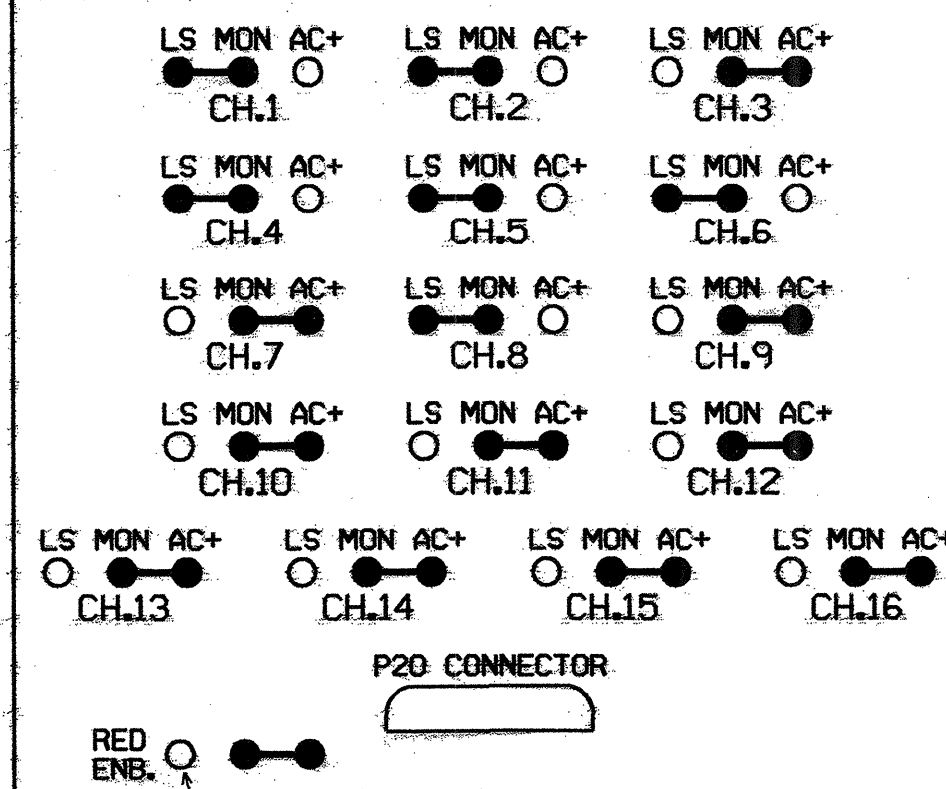
INPUT FILE POSITION LEGEND: J2L



THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 12-1495
 DESIGNED: February 2005
 SEALED: 3/14/05
 REVISED:

RED MONITOR BOARD PROGRAMMING

(position jumpers as shown below)



SIGNAL UPGRADE

ELECTRICAL AND PROGRAMMING DETAILS FOR: **US 29-74 (W. FRANKLIN BLVD.) AT ENTRANCES TO HIGHWAY PATROL/DMV AND DIXIE VILLAGE**

Prepared in the Office of: **STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION**

222 N. McDowell St., Raleigh, NC 27603

DIVISION 12 GASTON COUNTY IN GASTONIA

PLAN DATE: **MARCH 2005** REVIEWED BY: **I. JOYCE**

PREPARED BY: **WILLIAM HAIRSTON** REVIEWED BY:

REVISIONS: _____ INIT. DATE

SEAL: **PROFESSIONAL ENGINEER GEORGE C. BROWN** SEAL 022013

SIGNATURE: **William Hairston** DATE: _____

SIG. INVENTORY NO. 12-1495