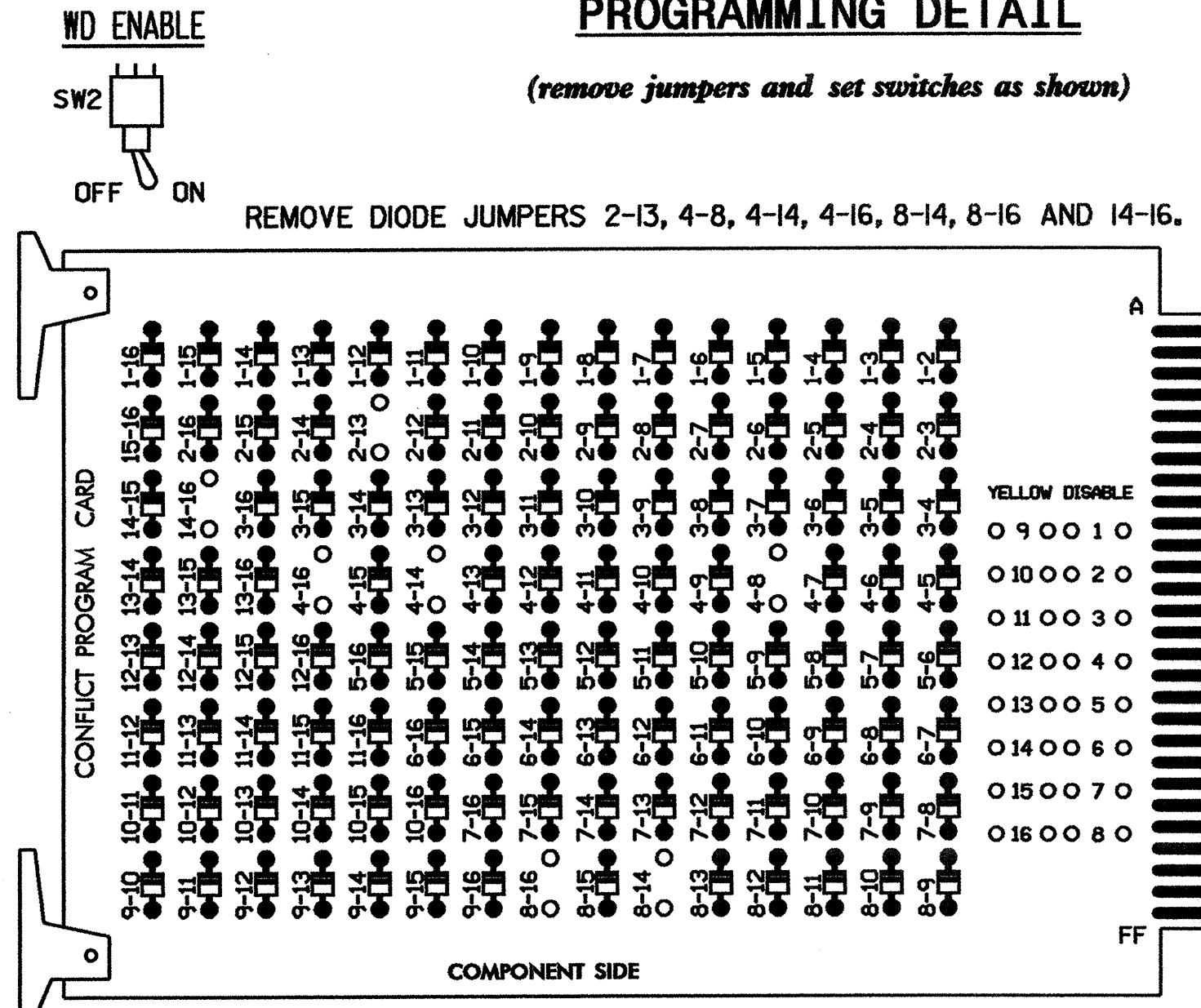


EDI MODEL 2010ECL CONFLICT MONITOR

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 1,3,5,6,7,9,10,11,12,13,14,15 & 16 to load switch AC+ per the cabinet manufacturer's instructions.
- Program controller to start up in phase 2 green.
- Enable Simultaneous Gap-Out, on the controller unit, for all phases.
- Program phases 2, 4 and 8 for 'STARTUP PED CALL'.
- The cabinet and controller are part of the Gastonia City System.

EQUIPMENT INFORMATION

CONTROLLER.....CONTRACTOR SUPPLIED 2070L
 CABINET.....CONTRACTOR SUPPLIED 332
 SOFTWARE.....ECONOLITE OASIS
 CABINET MOUNT.....BASE
 OUTPUT FILE POSITIONS...12
 LOAD SWITCHES USED.....S2,S2P,S4,S4P,S8,S8P
 PHASES USED.....2,4,8,2 PED,4 PED,8 PED
 OVERLAPS.....NONE

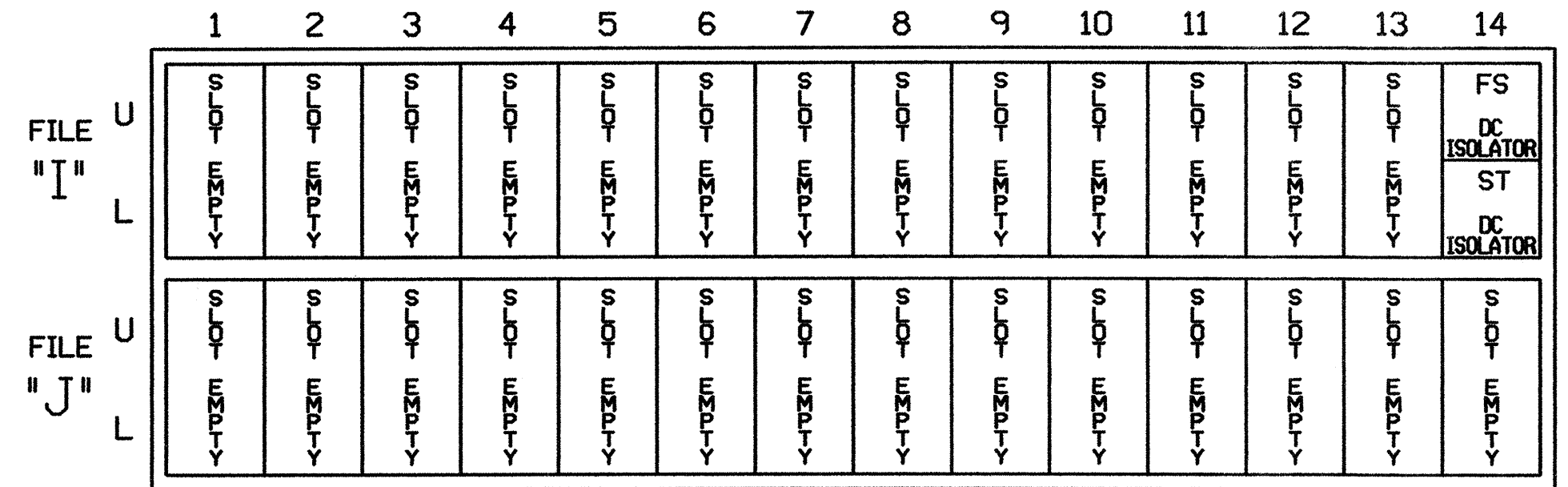
FIELD CONNECTION HOOK-UP CHART

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	P21,P22 P23,P24	NU	41,42	P41, P42	NU	NU	NU	NU	81,82	P81, P82
GREEN		130			103							109
YELLOW		129			102							108
RED		128			101							107
RED ARROW												
YELLOW ARROW												
GREEN ARROW												
			115			106						112
			113			104						110

NU = Not Used

INPUT FILE POSITION LAYOUT

(from view)



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

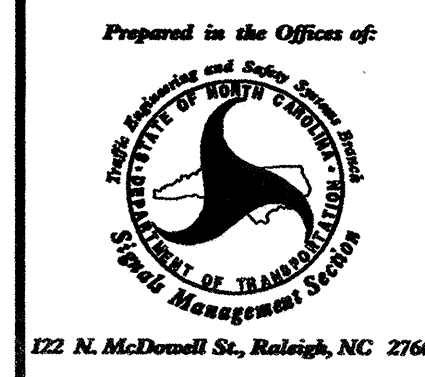
FS = FLASH SENSE
 ST = STOP TIME

THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN# 12-0924
 DESIGNED: February 2005
 SEALED: 2/21/05
 REVISED:

Signal Upgrade

ELECTRICAL AND PROGRAMMING DETAILS FOR:

**US 321 (S. Chester St.)
 at
 E. Main St.**



Division 12	Gaston County	Gastonia
PLAN DATE: June 2005	REVIEWED BY: J. Wolfe	
PREPARED BY: James Peterson	REVIEWED BY:	
REVISIONS	INIT.	DATE

SEAL
 GEORGE C. BROWN
 PROFESSIONAL ENGINEER
 STATE OF NORTH CAROLINA
 License No. 022013
 Signature: *George C. Brown*
 Date: 6/13/05