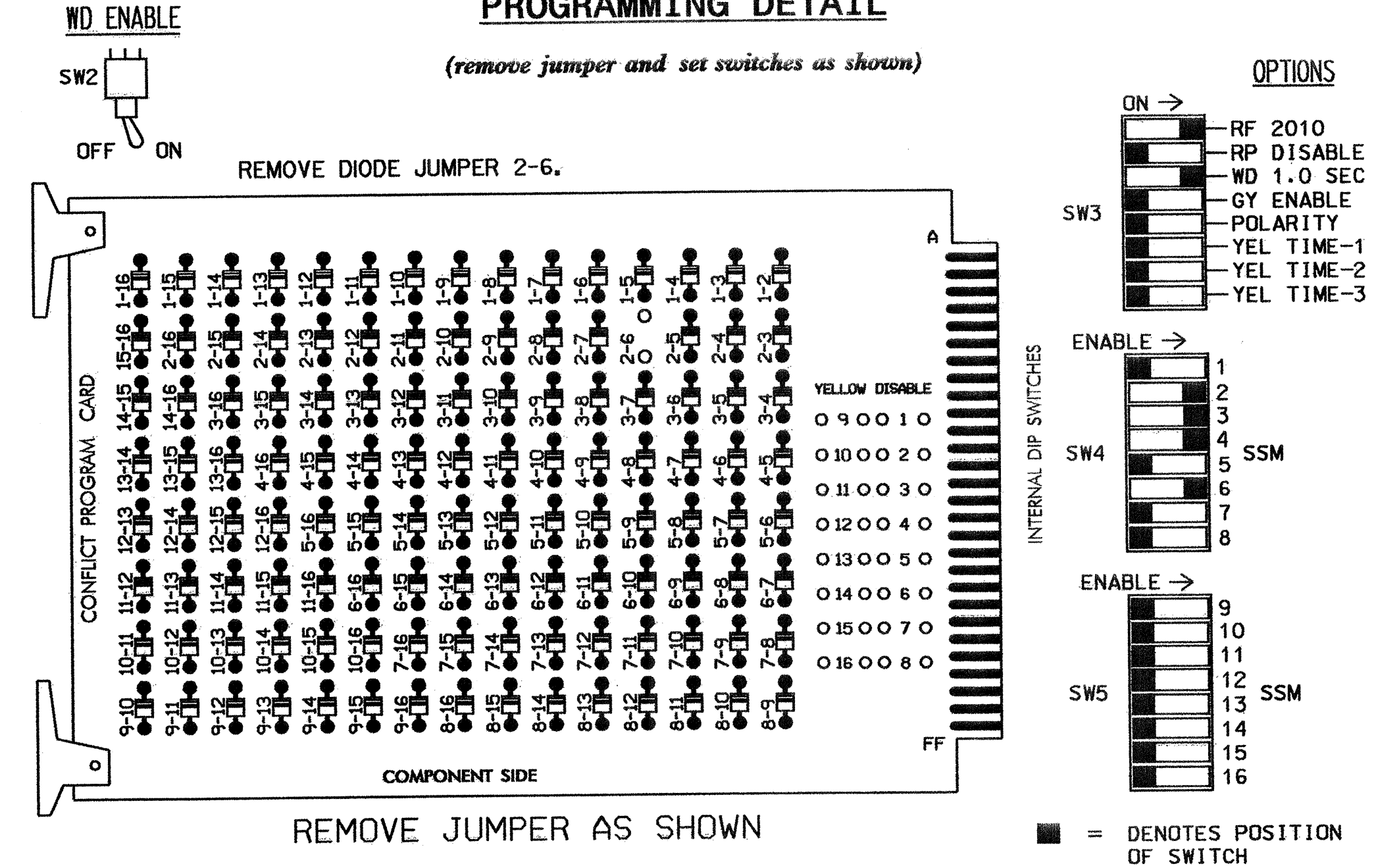


EDI MODEL 2010ECL CONFLICT MONITOR PROGRAMMING DETAIL



- 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 1,5,7,8,9,10,11,12,13,14,15 & 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, on the controller unit, for all phases.
- Program phase 3 for 'STARTUP PED CALL'.
- The cabinet and controller are part of the Gastonia City System.

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	31 32	41 42	NU	NU	61,62	NU	NU	NU	NU
GREEN		130		118 116	103 103			136				
YELLOW		129		117 117	102 102			135				
RED		128		116 116	101 101			134				
RED ARROW												
YELLOW ARROW												
GREEN ARROW				118	103							

NU = Not Used

EQUIPMENT INFORMATION

CONTROLLER.....CONTRACTOR SUPPLIED 2070L
 CABINET.....CONTRACTOR SUPPLIED 332
 SOFTWARE.....ECONOLITE OASIS
 CABINET MOUNT.....BASE
 OUTPUT FILE POSITIONS...12
 LOAD SWITCHES USED.....S2,S3,S4,S6
 PHASES USED.....2,3,4,6,3 PED*
 OVERLAPS.....NONE

*Used for timing purposes only.

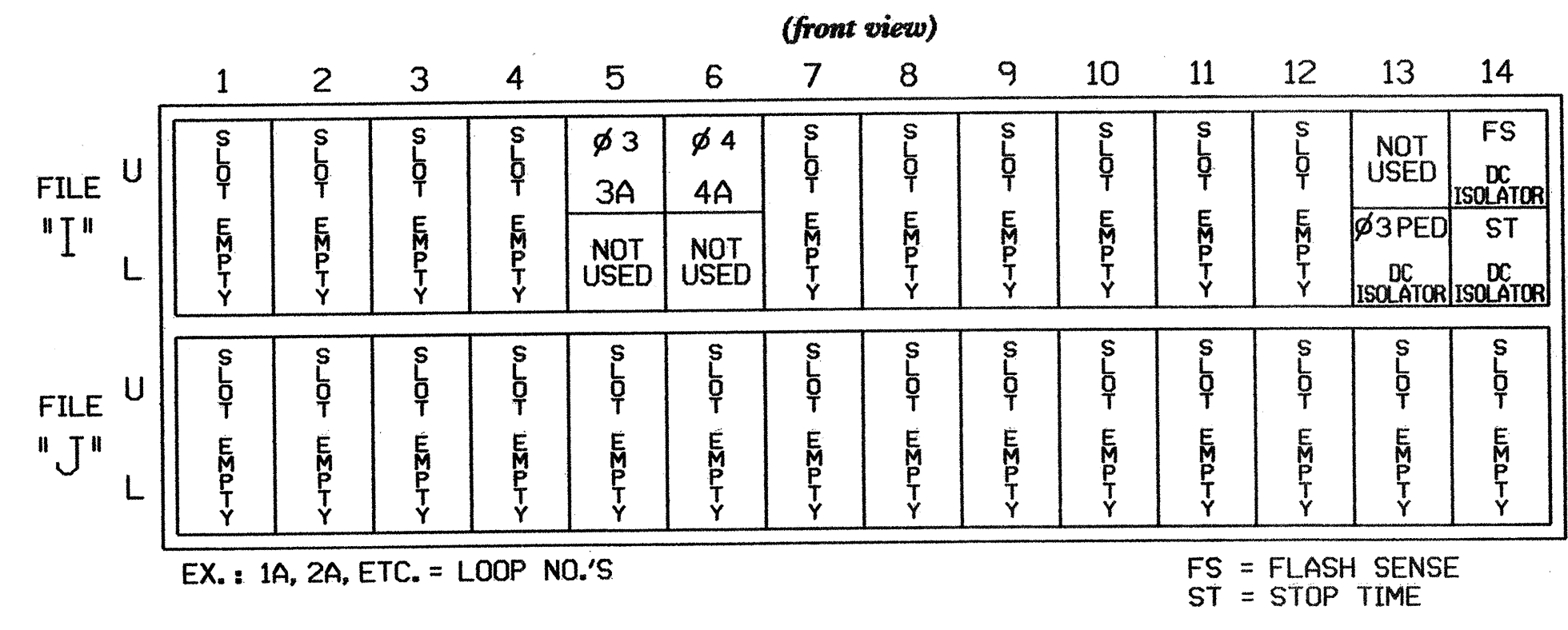
PED 3 PROGRAMMING DETAIL

(program controller as shown below)

CHANGING INPUT ASSIGNMENTS

- FROM MAIN MENU SELECT '7' (DETECTORS), THEN '2' (PEDESTRIAN DETECTOR ASSIGNMENTS)
 - CYCLE TO PED DETECTOR #8 BY REPEATEDLY DEPRESSING '+' KEY
 - MODIFY PHASE ASSIGNED TO PED DETECTOR # 8 FROM PHASE 8 TO PHASE 3
- PROGRAMMING COMPLETE

INPUT FILE POSITION LAYOUT



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
3A	TB4-5,6	I5U	58	20	3	3	Y	Y			5
4A	TB4-9,10	I6U	41	3	4	4	Y	Y			5
PHASE 3	TB8-8,9	I13L	70	32	PED 8	3 PED					

INPUT FILE POSITION LEGEND: J2L

FILE J
SLOT 2
LOWER

NOTE:
INSTALL DC ISOLATOR IN INPUT FILE SLOT 113.

THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 12-0067
 DESIGNED: February 2005
 SEALED: 02-17-05
 REVISED:

Signal Upgrade

Electrical and Programming Details For:

York Rd. at Jackson Rd./Dale Ave.

Division 12 Gaston County Gastonia

PLAN DATE: February 2005 REVIEWED BY: T. J. J...

PREPARED BY: James Peterson REVIEWED BY:

REVISIONS INIT. DATE

Signature: George C. Brown 2/22/05

SEAL NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 022013 GEORGE C. BROWN

SIG. INVENTORY NO. 12-0067