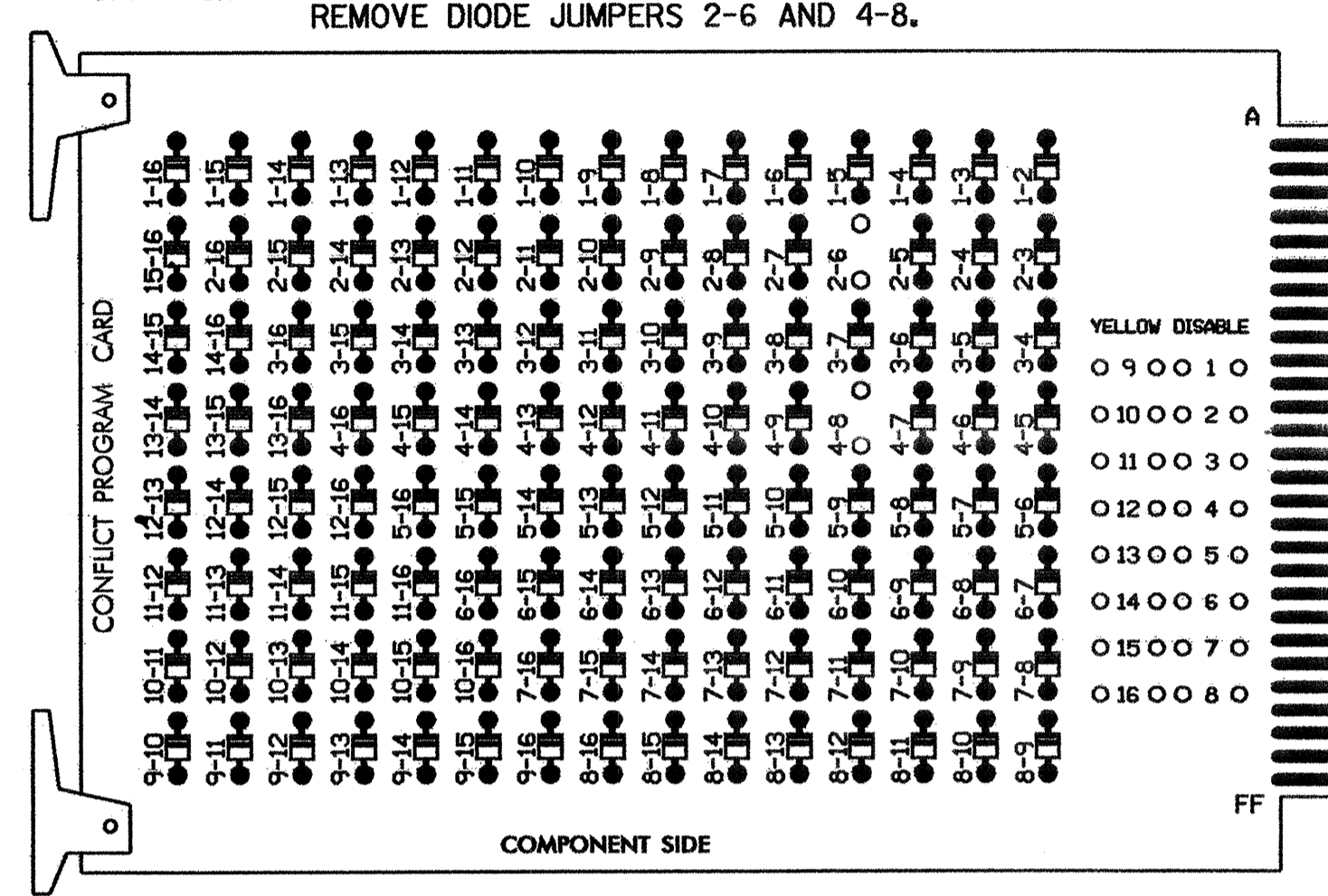
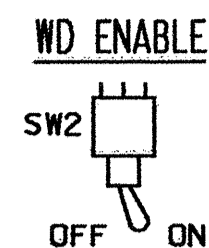


EDI MODEL 2010ECL CONFLICT MONITOR PROGRAMMING DETAIL



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 1,3,5,7,9, 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, on the controller unit, for all phases.
- Program phases 4 and 8, on the controller unit, for Dual Entry.
- Program phase 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,S4,S6,S8
 PHASES USED.....2,4,6,8,8PED*
 OVERLAPS.....NONE

* Used for timing purposes only

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

(from view)

FILE	1	2	3	4	5	6	7	8	9	10	11	12	13	14
U	←-103M	←-103M	←-103M	←-103M	←-103M	∅ 4	←-103M	←-103M	←-103M	←-103M	←-103M	←-103M	←-103M	FS DC ISOLATOR
"I"						4A,4B								
L	←-103M	←-103M	←-103M	←-103M	←-103M	NOT USED	←-103M	←-103M	←-103M	←-103M	←-103M	←-103M	←-103M	∅ 8 PED ST
														DC ISOLATOR ISOLATOR
U	←-103M	←-103M	←-103M	←-103M	←-103M	∅ 8	←-103M	←-103M	←-103M	←-103M	←-103M	←-103M	←-103M	←-103M
"J"						8A,8B								
L	←-103M	←-103M	←-103M	←-103M	←-103M	NOT USED	←-103M	←-103M	←-103M	←-103M	←-103M	←-103M	←-103M	←-103M

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
4A,4B	TB4-9,10	I6U	41	3	4	4	Y	Y			5
8A,8B	TB5-9,10	J6U	42	4	8	8	Y	Y			5
PED PUSH BUTTONS											
PHASE 8	TB8-8,9	I13L	70	32	PED 8	8 PED					

NOTE: INSTALL DC ISOLATORS IN INPUT FILE SLOT I13.

THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 12-0065
 DESIGNED: February 2005
 SEALED: 2-17-05
 REVISED: N/A

Signal Upgrade

	York Road at Clyde Street	
	Division 12 PLAN DATE: 2-10-05 PREPARED BY: D.H. Spaulding	Gaston County REVIEWED BY: D.T. Joyce REVIEWED BY:
Prepared in the Offices of: 	REVISIONS INIT. DATE	SIGNATURE: <i>D.H. Spaulding</i> 2/22/05 DATE
122 N. McDowell St., Raleigh, NC 27603	SIG. INVENTORY NO. 12-0065	SEAL