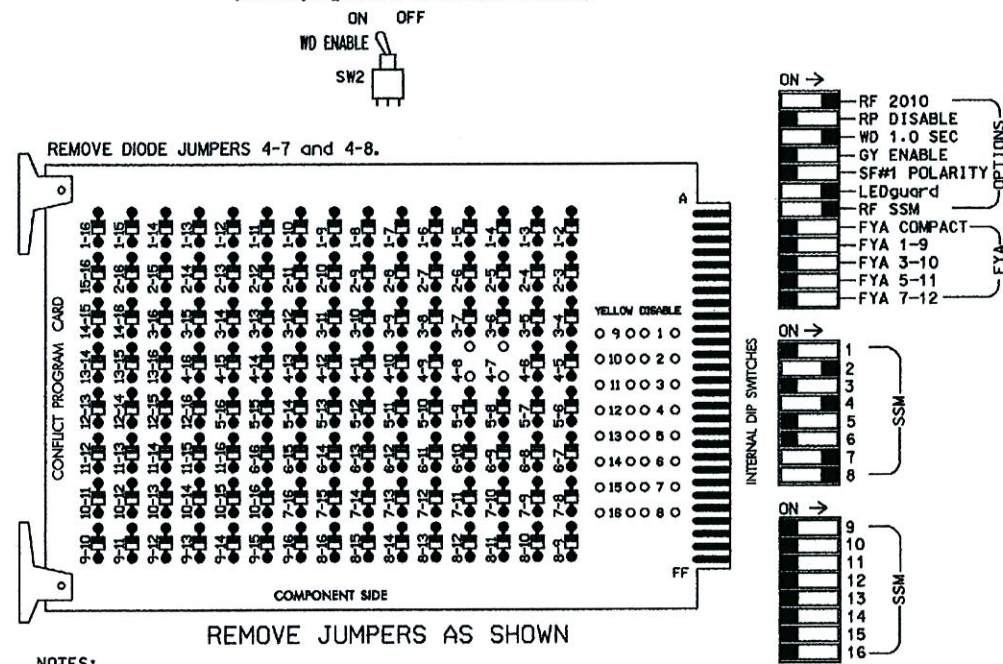


EDI MODEL 2010ECL-NC CONFLICT MONITOR

PROGRAMMING DETAIL

(remove jumpers and set switches as shown)



NOTES:

- Card is provided with all diode jumpers in place. Removal of any jumper allows its channels to run concurrently.
- Make sure jumpers SEL2-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 1,3,5,6,9, 10,11,12,13,14,15 & 16 to load switch AC+ per the cabinet manufacturer's instructions.
- Program phase 2, on the controller unit, for Start Up In Green.
- Enable Simultaneous Gap-Out, on the controller unit, for all phases.
- Program phase 4, on the controller unit, for Dual Entry.
- The cabinet and controller are part of the Wilmington Signal 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,S7,S8
PHASES USED.....2,4,7,8
OVERLAPS.....NONE

SIGNAL HEAD 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 23,24	NU	NU	41,42	NU	NU	NU	NU	71,72	81,82	NU
RED		128			101						107	
YELLOW		129			102						108	
GREEN		130			103						109	
RED ARROW											122	
YELLOW ARROW											123	
GREEN ARROW											124	

NU = Not Used

INPUT FILE POSITION LAYOUT

(front view)

FILE NO.	1	2	3	4	5	6	7	8	9	10	11	12	13	14
FILE "I"	2A	2B	2C	4A	4B	4C	4D	8A	8B	8C	8D	8E	8F	8G
FILE "J"	7A	7B	7C	7D	7E	7F	7G	7H	7I	7J	7K	7L	7M	7N

EX. 1 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			
2B	TB2-7,8	I2L	43	5	12	2	Y	Y			
4A	TB4-9,10	I6U	41	3	4	4	Y	Y			
4B	TB4-11,12	I6L	45	7	14	4	Y	Y			
* S1	TB6-9,10	I9U	60	22	11	SYS					
* S2	TB6-11,12	I9L	62	24	13	SYS					
7A	TB3-9,10	J3U	64	26	36	7	Y	Y			3
7B	TB3-11,12	J3L	77	39	46	7	Y	Y			
8A	TB5-9,10	J6U	42	4	6	8	Y	Y			
8B	TB5-11,12	J6L	46	8	18	8	Y	Y			
8C	TB7-1,2	J7U	66	28	38	8	Y	Y	Y	2	15
* S3	TB7-9,10	J9U	59	21	16	SYS					
* S4	TB7-11,12	J9L	61	23	17	SYS					
2C	TB2-9,10	I3U	63	25	32	2	Y	Y			

* SYSTEM DETECTOR ONLY. REMOVE THE VEHICLE PHASE ASSIGNED TO THIS DETECTOR IN THE DEFAULT PROGRAMMING.

4C	TB6-1,2	I7U	65	27	34	4	Y	Y	Y	2	5
4D	TB6-3,4	I7L	78	40	44	4	Y	Y	Y	2	5

INPUT FILE POSITION LEGEND: J2L

FILE J
SLOT 2
LOWER

8D	TB7-3,4	J7L	79	41	48	8	Y	Y	Y	2	5
8E	TB7-5,6	J8U	50	12	28	8	Y	Y			15

THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 03-0335
DESIGNED: JAN. 2008
SEALED: 5/01/08
REVISED: N/A

Signal Upgrade

ELECTRICAL AND PROGRAMMING DETAILS FOR:



US 17 Bus.-US 76 EB-US 421 SB
(Dawson Street)
at
US 17 Bus./US 421 (S. 3rd St.)
Division 3 New Hanover County Wilmington
PLAN DATE: 4-29-08 REVIEWED BY: T. J. J. J.
PREPARED BY: A. A. K1002 REVIEWED BY:
REVISIONS: INIT. DATE
SIGNATURE: John T. Rowe, Jr. DATE: 5-12-08
SIC. INVENTORY NO. 03-0335