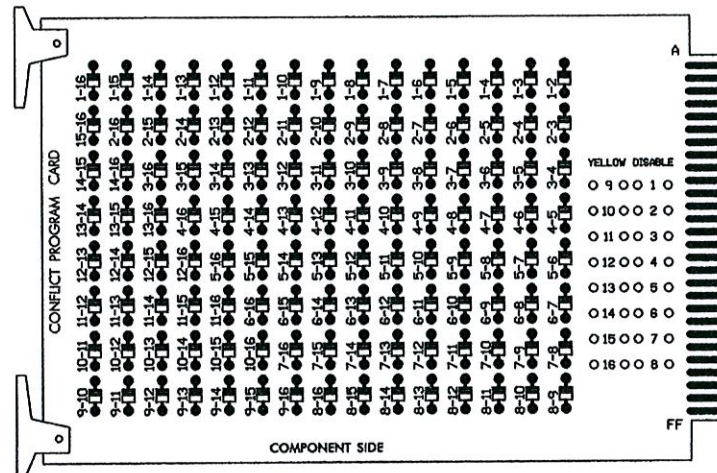
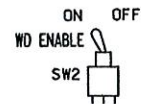


EDI MODEL 2010ECL-NC CONFLICT MONITOR PROGRAMMING DETAIL

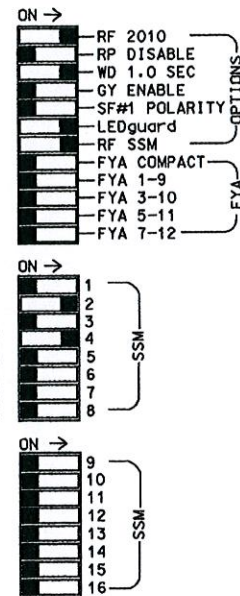
set switches as shown



NO JUMPERS REMOVED

NOTES:

1. Card is provided with all diode jumpers in place. Removal of any jumper allows its channels to run concurrently.
2. Make sure jumpers SEL2-SEL5 are present on the monitor board.



■ = DENOTES POSITION OF SWITCH

NOTES

1. 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.
2. 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 1,3,5,6,7,8, 9,10,11,12,13,14,15 & 16 to load switch AC+ per the cabinet manufacturer's instructions.
3. Program phase 2, on the controller unit, for Start Up In Green.
4. Enable Simultaneous Gap-Out, on the controller unit, for all phases.
5. Program phase 2, on the controller unit, for Variable Initial and Gap Reduction.
6. 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
PHASES USED.....2,4
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	NU	NU	NU
RED		128			101							
YELLOW		129			102							
GREEN		130			103							
RED ARROW												
YELLOW ARROW												
GREEN ARROW												

NU = Not Used

INPUT FILE POSITION LAYOUT

(front view)

FILE	U	1	2	3	4	5	6	7	8	9	10	11	12	13	14
"I"	U	2/8/9	2/8/9	2/8/9	2/8/9	2/8/9	2/8/9	2/8/9	2/8/9	2/8/9	2/8/9	2/8/9	2/8/9	2/8/9	2/8/9
"J"	U	2A/2C	2C/2E	2E/2G	2G/2I	2I/2K	2K/2M	2M/2O	2O/2Q	2Q/2S	2S/2U	2U/2W	2W/2Y	2Y/2A	2A/2C
	L	2B/2D	2D/2F	2F/2H	2H/2J	2J/2L	2L/2N	2N/2P	2P/2R	2R/2T	2T/2V	2V/2X	2X/2Z	2Z/2B	2B/2D

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
2A/2C	T82-5,6	I2U	39	1	2	2/SYS	Y	Y			
2B/2D	T82-7,8	I2L	43	5	12	2/SYS	Y	Y			
2C/2E	T82-9,10	I3U	63	25	32	2/SYS	Y	Y			
2D/2F	T82-11,12	I3L	76	38	42	2/SYS	Y	Y			
2E/2G	T84-1,2	I4U	47	9	22	2/SYS	Y	Y			
4A,4B,4C	T84-9,10	I6U	41	3	4	4	Y	Y			

INPUT FILE POSITION LEGEND: J2L

FILE J
SLOT 2
LOWER

THIS ELECTRICAL DETAIL IS FOR
THE SIGNAL DESIGN: 03-0028
DESIGNED: December 2007
SEALED: 5-1-2008
REVISED: 5-4-2009

Proposed 24 EC/DC on individual lead-in

Signal Upgrade

<p>Prepared in the Office of:</p> <p>122 N. McDowell St., Raleigh, NC 27603</p>	<p>US 76 EB (Dawson Street) at SR 1218 (S. 16th Street)</p>		<p>SEAL</p> <p>George C. Brown 5/6/09</p>
	<p>Division 03 New Hanover County Wilmington</p>		
	<p>PLAN DATE: 9-28-07 REVIEWED BY: D.T. Joyce</p>		
	<p>PREPARED BY: D.H. Spaulding REVIEWED BY:</p>		
<p>REVISIONS</p> <p>1. Changed to new base, moved cabinet, 085 5-5-09</p>		<p>INIT. DATE</p> <p>HSR 5/6/09</p>	
<p>SIG. INVENTORY NO. 03-0028</p>			