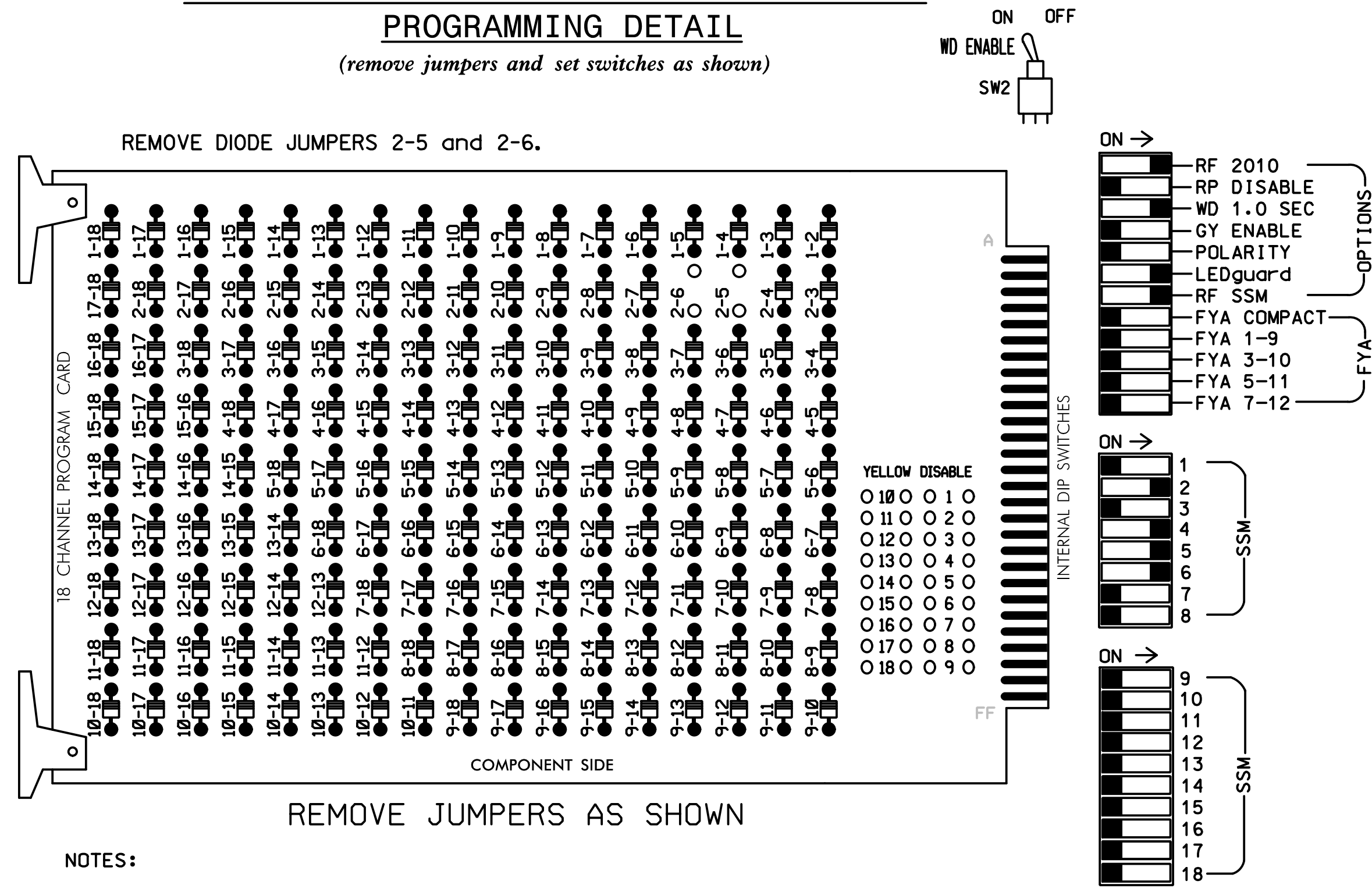


EDI MODEL 2018ECL-NC CONFLICT MONITOR PROGRAMMING DETAIL

(remove jumpers and set switches as shown)



NOTES:

1. Card is provided with all diode jumpers in place. Removal of any jumper allows its channels to run concurrently.
2. Ensure jumpers SEL2-SEL5 and SEL9 are present on the monitor board.
3. Ensure that Red Enable is active at all times during normal operation.
4. Connect serial cable from conflict monitor to comm. port 1 of 2070 controller. Ensure conflict monitor communicates with 2070.

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. Enable simultaneous gap-out for all phases.
3. Program phases 2 and 6 for Variable Initial and Gap Reduction.
4. Program phases 2 and 6 for Start Up in Green.
5. Program phases 2 and 6 for Yellow Flash.
6. The cabinet and controller are part of the Gastonia Signal System.

EQUIPMENT INFORMATION

CONTROLLER.....2070
 CABINET.....332
 SOFTWARE.....ECONOLITE OASIS
 CABINET MOUNT.....BASE
 OUTPUT FILE POSITIONS...12
 LOAD SWITCHES USED.....S2,S5,S7,S8
 PHASES USED.....2,4,5,6
 OVERLAPS.....NONE

SIGNAL HEAD HOOK-UP CHART

LOAD SWITCH NO.	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	S11	S12
CMU CHANNEL NO.	1	2	13	3	4	14	5	6	15	7	8	16
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	51	61,62	NU	NU	NU	NU
RED		128						134				
YELLOW		129						135				
GREEN		130						136				
RED ARROW					101			131				
YELLOW ARROW					102			132				
GREEN ARROW					103			133				
Hand icon												
Person icon												

NU = Not Used

INPUT FILE POSITION LAYOUT

(front view)

FILE	1	2	3	4	5	6	7	8	9	10	11	12	13	14
U	∅2/SYS	∅2/S1	∅2/SYS	∅2/SYS	∅2/SYS	∅4	∅2/SYS	∅2/SYS	∅2/SYS	∅2/SYS	∅2/SYS	∅2/SYS	∅2/SYS	FS
I	∅2/SYS	2A/S1	∅2/SYS	∅2/SYS	∅2/SYS	4A	∅2/SYS	∅2/SYS	∅2/SYS	∅2/SYS	∅2/SYS	∅2/SYS	∅2/SYS	DC ISOLATOR
L	∅2/SYS	∅2/SYS	∅2/SYS	∅2/SYS	∅2/SYS	∅4	∅2/SYS	∅2/SYS	∅2/SYS	∅2/SYS	∅2/SYS	∅2/SYS	∅2/SYS	ST
U	∅6/SYS	∅6/S3	∅6/SYS	∅6/SYS	∅6/SYS	∅6/SYS	∅6/SYS	∅6/SYS	∅6/SYS	∅6/SYS	∅6/SYS	∅6/SYS	∅6/SYS	DC ISOLATOR
J	∅6/SYS	5A	∅6/SYS	∅6/SYS	∅6/SYS	∅6/SYS	∅6/SYS	∅6/SYS	∅6/SYS	∅6/SYS	∅6/SYS	∅6/SYS	∅6/SYS	
L	∅6/SYS	NOT USED	∅6/SYS	∅6/SYS	∅6/SYS	∅6/SYS	∅6/SYS	∅6/SYS	∅6/SYS	∅6/SYS	∅6/SYS	∅6/SYS	∅6/SYS	

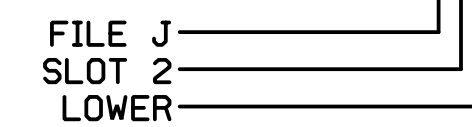
EX. : 1A, 2A, ETC. = LOOP NO.'S

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/S1	TB2-5,6	I2U	39	1	2	2/SYS	Y	Y			
2B/S2	TB2-7,8	I2L	43	5	12	2/SYS	Y	Y			
4A	TB4-9,10	I6U	41	3	4	4	Y	Y			
4B	TB4-11,12	I6L	45	7	14	4	Y	Y			
5A	TB3-1,2	J1U	55	17	5	5	Y	Y			
6A/S3	TB3-5,6	J2U	40	2	6	6/SYS	Y	Y			
6A/S4	TB3-7,8	J2L	44	6	16	6/SYS	Y	Y			

INPUT FILE POSITION LEGEND: J2L

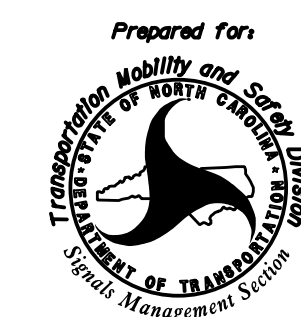


THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 12-0162T1
 DESIGNED: September 2016
 SEALED: 11-08-2016
 REVISED:

Temporary Signal
Phase 1, Step 1
Phase 1, Step 2

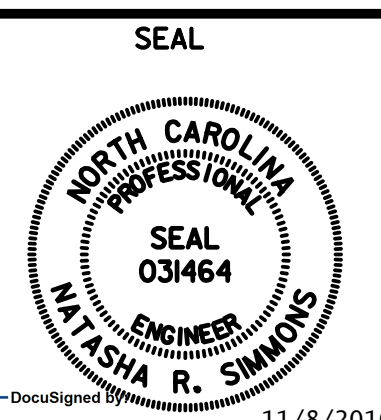
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

ELECTRICAL AND PROGRAMMING DETAILS FOR:



US 321 (N. Chester Street) at I-85 Northbound Ramp

Division 12 Gaston Co. Gastonia
 PLAN DATE: September 2016 REVIEWED BY: T.R. Terrell
 PREPARED BY: J.A. Wagner REVIEWED BY: N.R. Simmons



REVISIONS	INIT.	DATE

DocuSigned by: *Natasha R. Simmons* 11/8/2016
 SIGNATURE DATE
 SIG. INVENTORY NO. 12-0162T1

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