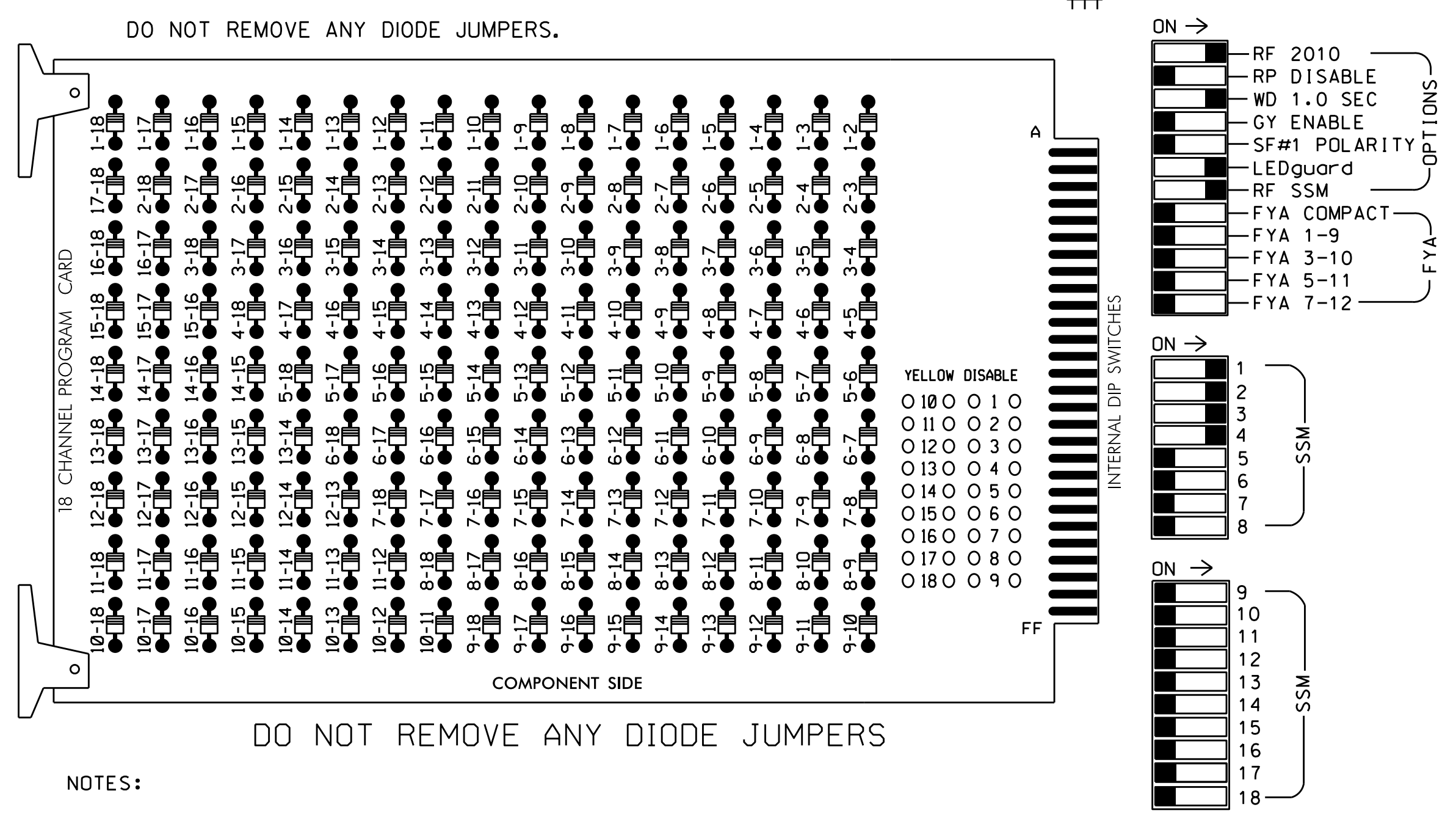


EDI MODEL 2018ECL-NC CONFLICT MONITOR PROGRAMMING DETAIL

(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 1, 2, 3, and 4 for Red Rest.
4. Program phase 2 for Start Up Red Clear.
5. Program phase 2 for First Phases.

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.	11,12	21,22	NU	31	32	41	42,43	NU	NU	NU	NU	NU
RED	125	128		116	116	101	101					
YELLOW	126	129		117	117	102	102					
GREEN	127	130		118	118	103	103					
RED ARROW												
YELLOW ARROW												
GREEN ARROW				118		103						

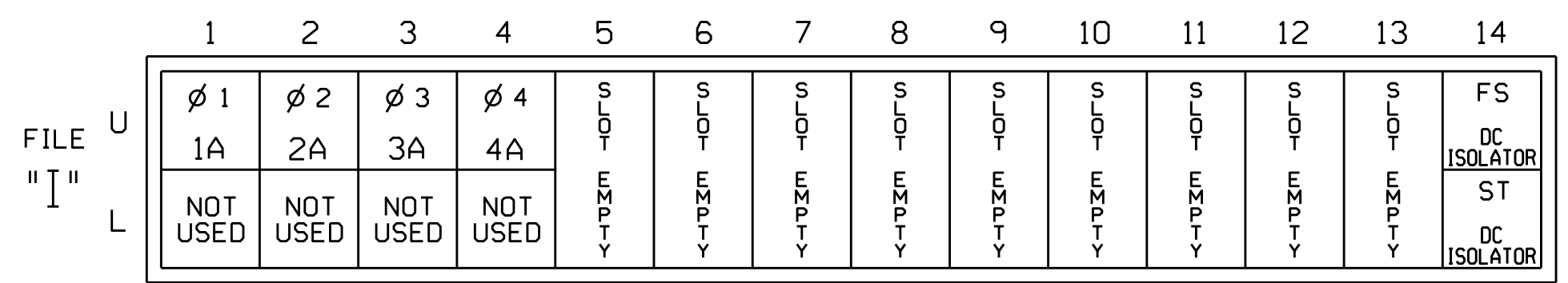
NU = Not Used

EQUIPMENT INFORMATION

CONTROLLER.....2070L
 CABINET.....336
 SOFTWARE.....ECONOLITE OASIS
 CABINET MOUNT.....POLE
 OUTPUT FILE POSITIONS...12
 LOAD SWITCHES USED.....S1,S2,S4,S5
 PHASES USED.....1,2,3,4
 OVERLAPS.....NONE

INPUT FILE POSITION LAYOUT

(front view)



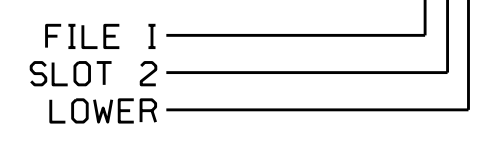
EX. : 1A, 2A, ETC. = LOOP NO.'S

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
1A	TB21-1,2	11U	56	18	1	1	Y	Y			
2A	TB21-3,4	12U	39	1	2	2	Y	Y			
3A	TB21-5,6	13U	58	20	3	3	Y	Y			3
4A	TB21-7,8	14U	41	3	4	4	Y	Y			3

INPUT FILE POSITION LEGEND: I2L



THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 14-0040T1
 DESIGNED: July 2014
 SEALED: 7/30/2014
 REVISED: N/A

Electrical Detail (New Installation) - Temporary Design (TCP - Phase II)

Electrical and Programming Details for: SR 1002 (Old Cullowhee Road) at SR 1336 (Monteith Gap Road) / SR 1733 (Casey Road)

Division 14 Jackson County as Cullowhee

PLAN DATE: July 2014 REVIEWED BY: JTR

PREPARED BY: S. Armstrong REVIEWED BY:

REVISIONS INIT. DATE

750 N. Greenfield Pkwy, Garner, NC 27529

Seal: JOHN T. ROWE, JR., PROFESSIONAL ENGINEER, STATE OF NORTH CAROLINA, SEAL 008453

DocuSigned by: John T. Rowe, Jr. 7/31/2014

SIG. INVENTORY NO. 14-0040T1

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