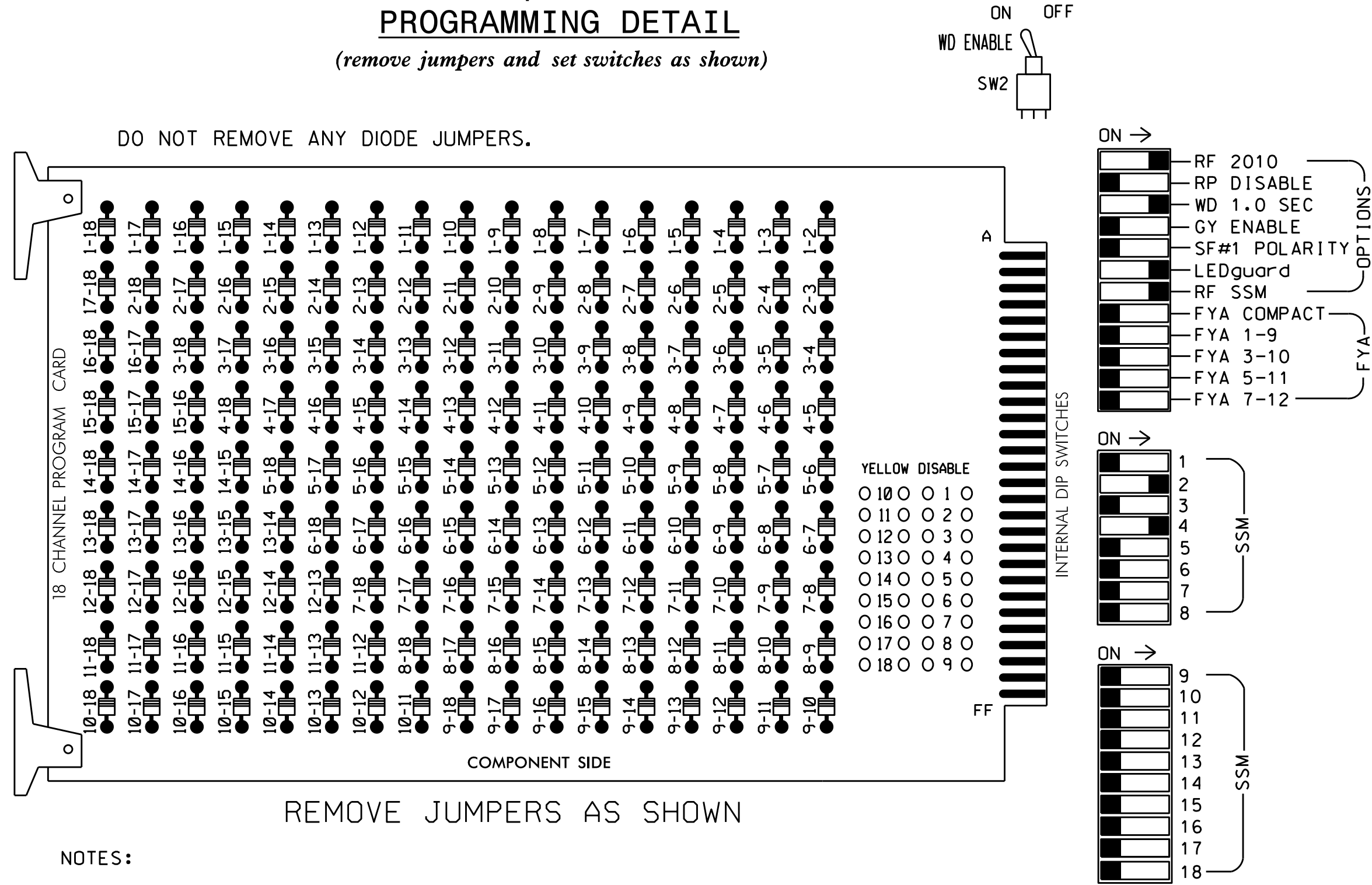


EDI MODEL 2018ECLip-NC CONFLICT MONITOR PROGRAMMING DETAIL

(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.
 - Ensure jumpers SEL2-SEL5 and SEL9 are present on the monitor board.
 - Ensure that Red Enable is active at all times during normal operation.
 - Integrate monitor with Ethernet network in cabinet.

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.
- Enable Simultaneous Gap-Out for all phases.
- Program phase 2 for Gap Reduction.
- Program phase 2 for Start Up In Green.
- Program phase 2 for Yellow Flash.
- The cabinet and controller are part of the High Point Signal System.

SIGNAL HEAD HOOK-UP CHART

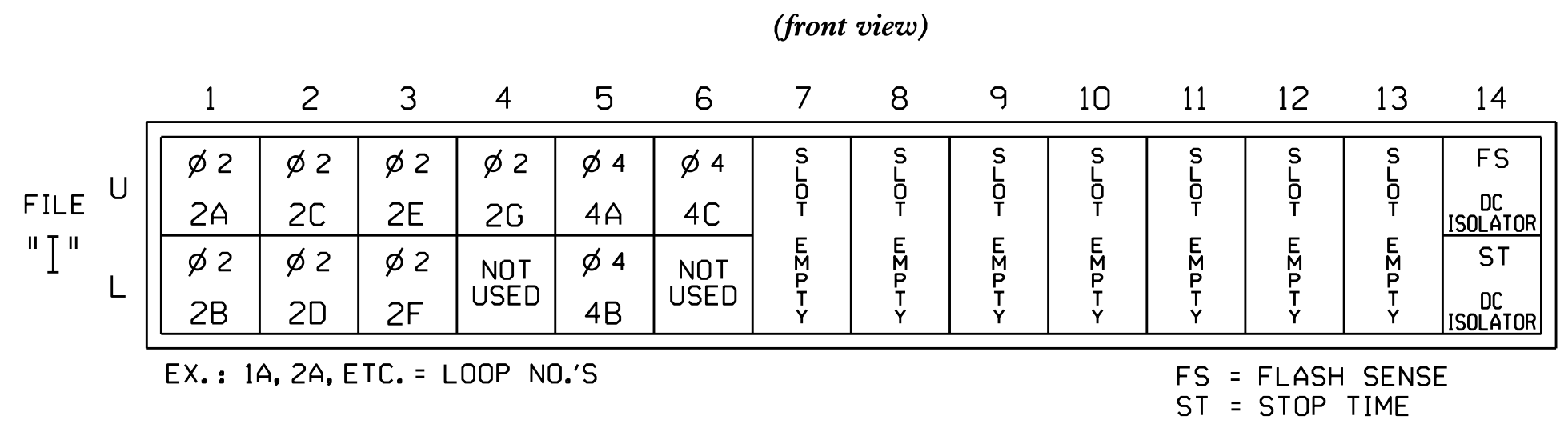
LOAD SWITCH NO.	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	S11	S12
CMU CHANNEL NO.	1	2	13	3	4	14	5	6	15	7	8	16
PHASE	1	2	2 PED	3	4	4 PED	5	6	6 PED	7	8	8 PED
SIGNAL HEAD NO.	NU	21,22 23	NU	NU	41,42 43	NU	NU	NU	NU	NU	NU	NU
RED		128			101							
YELLOW		129			102							
GREEN		130			103							
RED ARROW												
YELLOW ARROW												
GREEN ARROW												

NU = Not Used

EQUIPMENT INFORMATION

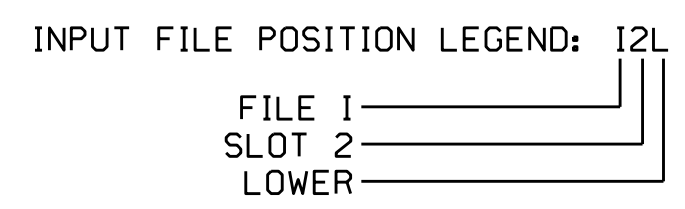
CONTROLLER.....2070L
 CABINET.....336
 SOFTWARE.....ECONOLITE OASIS
 CABINET MOUNT.....POLE
 OUTPUT FILE POSITIONS...12
 LOAD SWITCHES USED.....S2,S5
 PHASES USED.....2,4
 OVERLAPS.....NONE

INPUT FILE POSITION LAYOUT



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	TB21-1,2	I1U	56	18	1	2		Y			
2B	TB23-1,2	I1L	47	9	22	2		Y			
2C	TB21-3,4	I2U	39	1	2	2		Y			
2D	TB23-3,4	I2L	43	5	12	2	Y	Y	Y	2.0	5
2E	TB21-5,6	I3U	58	20	3	2	Y	Y	Y	2.0	5
2F	TB23-5,6	I3L	49	11	24	2	Y	Y	Y	2.0	5
2G	TB21-7,8	I4U	41	3	4	2	Y	Y			20
4A	TB21-9,10	I5U	55	17	5	4	Y	Y			
4B	TB23-9,10	I5L	48	10	26	4	Y	Y			
4C	TB21-11,12	I6U	40	2	6	4	Y	Y			



THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 07-2012
 DESIGNED: July 2014
 SEALED: 4-10-15
 REVISED: N/A

Electrical Detail

ELECTRICAL AND PROGRAMMING DETAILS FOR:

Prepared in the Offices of:

 750 N. Greenfield Pkwy, Garner, NC 27529

I-85 Bus./US 29 NB-US 70 EB Ramp at I-74 EB/US 311 SB Ramp

Division 7 Guilford County High Point

PLAN DATE: April 2015 REVIEWED BY: JTR

PREPARED BY: James Peterson REVIEWED BY:

REVISIONS INIT. DATE

DocuSigned by: John T. Rowe, Jr. 4/17/2015

SEAL: JOHN T. ROWE, JR. ENGINEER SEAL 008453

SIG. INVENTORY NO. 07-2012

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 J. Peterson