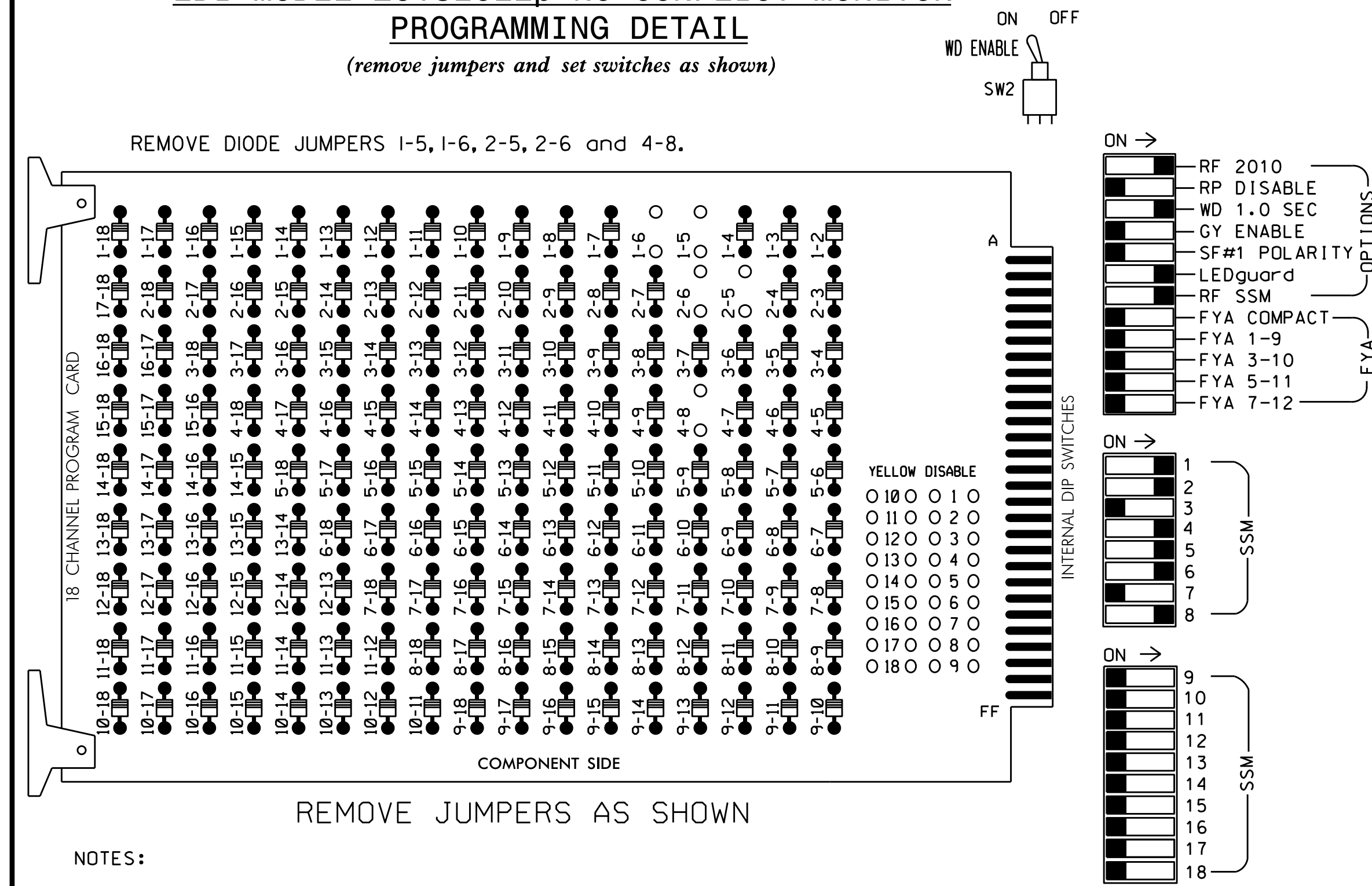


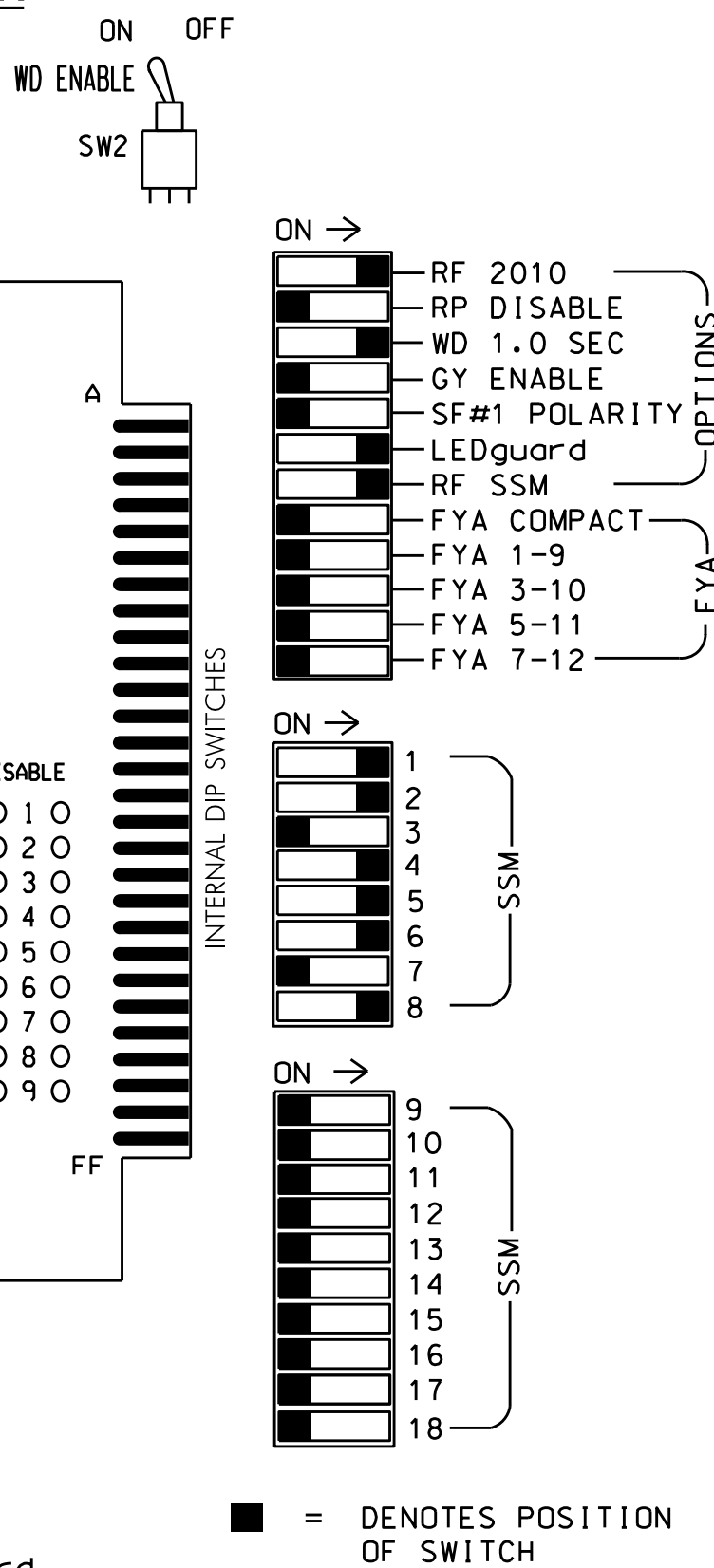
**EDI MODEL 2018ECLIP-NC CONFLICT MONITOR
PROGRAMMING DETAIL**

(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. Integrate monitor with Ethernet network in cabinet.



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. Program phases 4 and 8 for Dual Entry.
3. Enable Simultaneous Gap-Out for all phases.
4. Program phases 2 and 6 for Variable Initial and Gap Reduction.
5. Program phases 2 and 6 for Start Up In Green.
6. Program phases 2 and 6 for Yellow Flash.
7. The cabinet and controller are part of the Asheville Signal System.

EQUIPMENT INFORMATION

CONTROLLER.....2070E
 CABINET.....332 W/ AUX
 SOFTWARE.....ECONOLITE OASIS
 CABINET MOUNT.....BASE
 OUTPUT FILE POSITIONS...18 WITH AUX. OUTPUT FILE
 LOAD SWITCHES USED.....S1,S2,S5,S7,S8,S11
 PHASES USED.....1,2,4,5,6,8
 OVERLAPS.....NONE

SIGNAL HEAD HOOK-UP CHART

LOAD SWITCH NO.	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	S11	S12	AUX S1	AUX S2	AUX S3	AUX S4	AUX S5	AUX S6
CMU CHANNEL NO.	1	2	13	3	4	14	5	6	15	7	8	16	9	10	17	11	12	18
PHASE	1	2	2 PED	3	4	4 PED	5	6	6 PED	7	8	8 PED	OLA	OLB	SPARE	OLC	OLD	SPARE
SIGNAL HEAD NO.	11	21,22	NU	NU	41,42	NU	42	51	61,62	NU	NU	81,82	NU	NU	NU	NU	NU	NU
RED		128			101				134			107						
YELLOW		129			102				135			108						
GREEN		130			103				136			109						
RED ARROW	125									131								
YELLOW ARROW	126						132	132										
GREEN ARROW	127						133	133										

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	∅ 1	∅2/SYS	∅3	∅4	∅5	∅6/SYS	∅7	∅8	∅9	∅10	∅11	∅12	∅13	∅14
L	1A	2A/S1	∅1	∅2	∅3	∅4	∅5	∅6	∅7	∅8	∅9	∅10	∅11	∅12
U	NOT USED	∅2/SYS	∅3	∅4	∅5	∅6/SYS	∅7	∅8	∅9	∅10	∅11	∅12	∅13	∅14
L	NOT USED	2B/S2	∅1	∅2	∅3	∅4	∅5	∅6	∅7	∅8	∅9	∅10	∅11	∅12
U	∅5	∅5	∅6/SYS	∅7	∅8	∅9	∅10	∅11	∅12	∅13	∅14	∅15	∅16	∅17
L	5A	5B	6A/S3	∅7	∅8	∅9	∅10	∅11	∅12	∅13	∅14	∅15	∅16	∅17
U	NOT USED	NOT USED	∅6/SYS	∅7	∅8	∅9	∅10	∅11	∅12	∅13	∅14	∅15	∅16	∅17
L	NOT USED	NOT USED	6B/S4	∅7	∅8	∅9	∅10	∅11	∅12	∅13	∅14	∅15	∅16	∅17

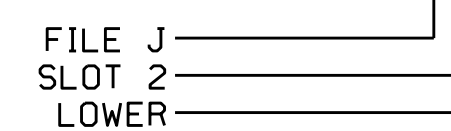
EX.: 1A, 2A, ETC. = LOOP NO.'S

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	TB2-1,2	I1U	56	18	1	1	Y	Y			3
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			3
5A	TB3-1,2	J1U	55	17	5	5	Y	Y			3
5B	TB3-5,6	J2U	40	2	6	5	Y	Y			15
6A/S3	TB3-9,10	J3U	64	26	36	6/SYS	Y	Y			
6B/S4	TB3-11,12	J3L	77	39	46	6/SYS	Y	Y			
8A	TB5-9,10	J6U	42	4	8	8	Y	Y			10

INPUT FILE POSITION LEGEND: J2L



THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 13-0498
 DESIGNED: July 2016
 SEALED: 9-21-16
 REVISED: N/A

Electrical Detail

Electrical and Programming Details For: **US 19-23 (Smokey Park Highway) at SR 1404 (Old Haywood Road) / Business Entrance**

Prepared in the Offices of: **Transporatio Mobility and Safety Solutions**

Division 13 Buncombe County N. of Asheville

PLAN DATE: September 2016 REVIEWED BY: BAS

PREPARED BY: James Peterson REVIEWED BY:

REVISIONS: _____ INIT. DATE

DocuSigned by: *James M. Little* 10/5/2016

750 N. Grantfield Pkwy, Garner, NC 27529

SEAL NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 030530 JACOBARY M. LITTLE

SIG. INVENTORY NO. 13-0498

05-3071-2016_13-08
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 J. Peterson