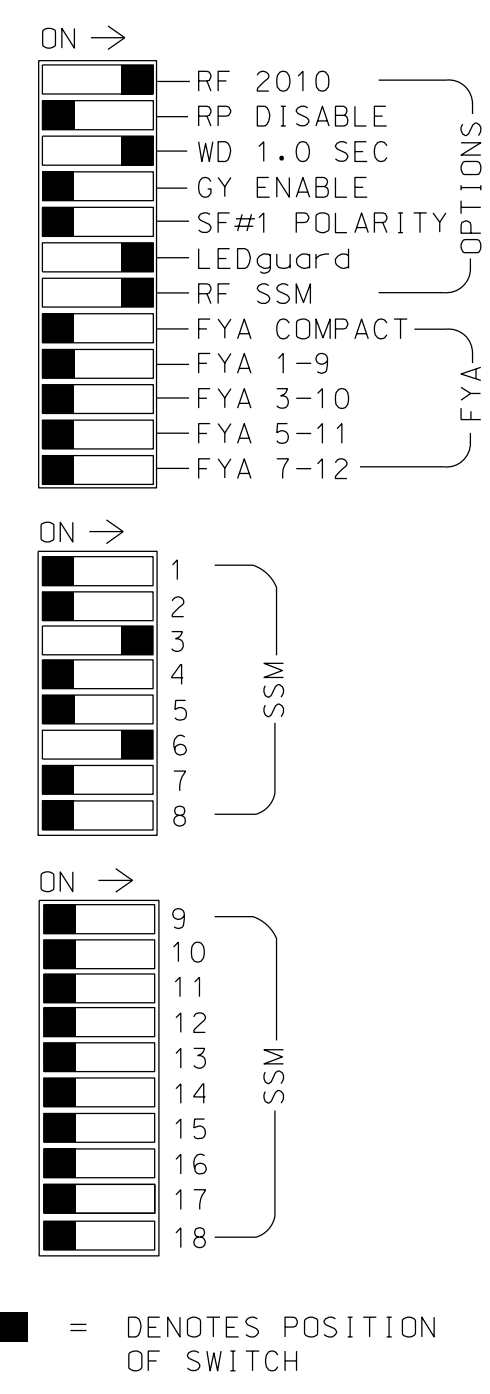
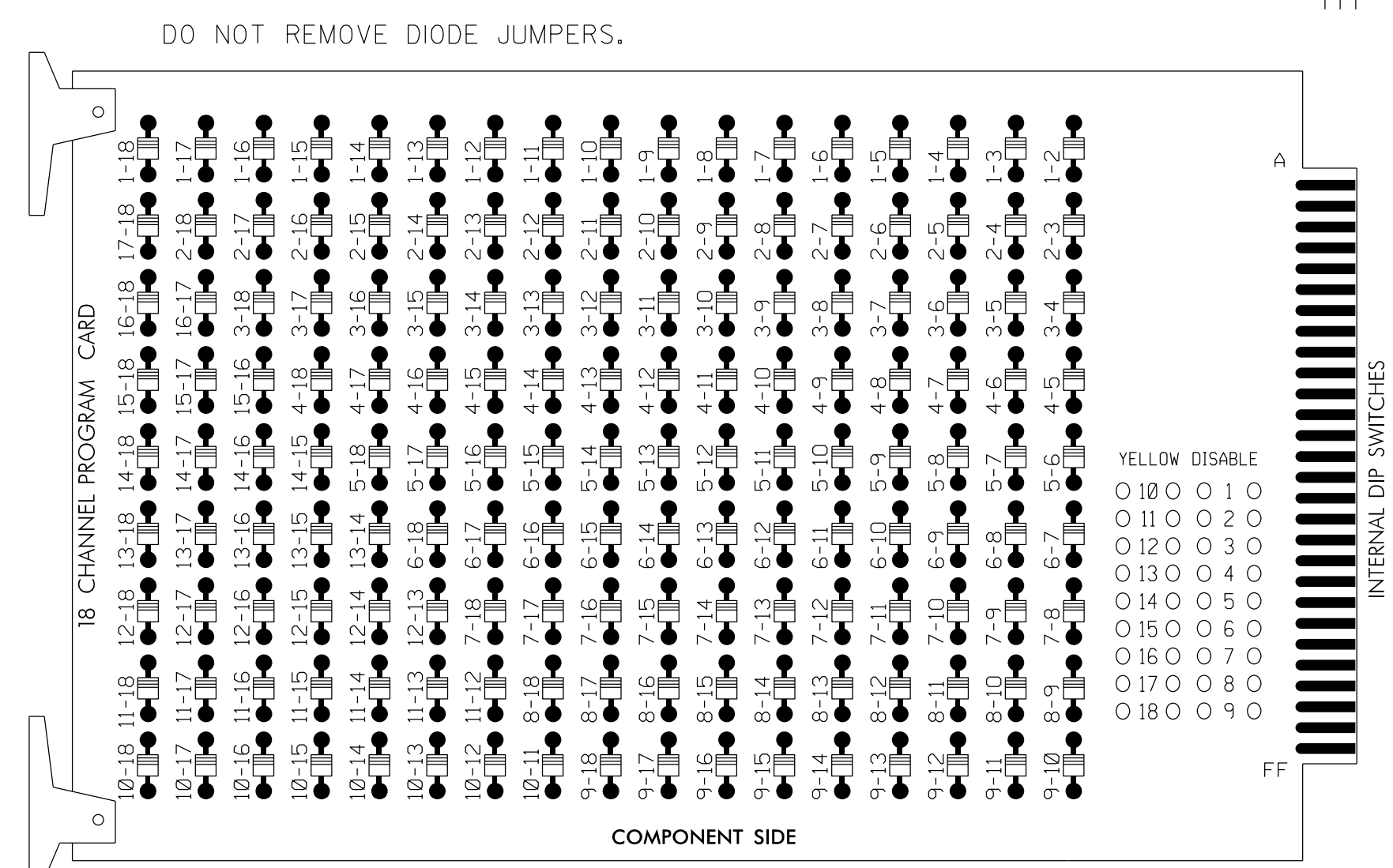


EDI MODEL 2018ECLIP-NC CONFLICT MONITOR PROGRAMMING DETAIL

(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.
- Connect serial cable from conflict monitor to comm. port 1 of 2070 controller. Ensure conflict monitor communicates with 2070.

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 6 for Variable Initial and Gap Reduction.
- Program phase 6 for Start Up In Green.
- Program phase 6 for Yellow Flash.
- The cabinet and controller are part of the US 74 - Indian Trail Closed Loop System #1.

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.....S4,S8.
 PHASES USED.....3,6.
 OVERLAP "A".....NOT USED
 OVERLAP "B".....NOT USED
 OVERLAP "C".....NOT USED
 OVERLAP "D".....NOT USED
 *INSTALL AUX. OUTPUT FILE FOR FUTURE USE

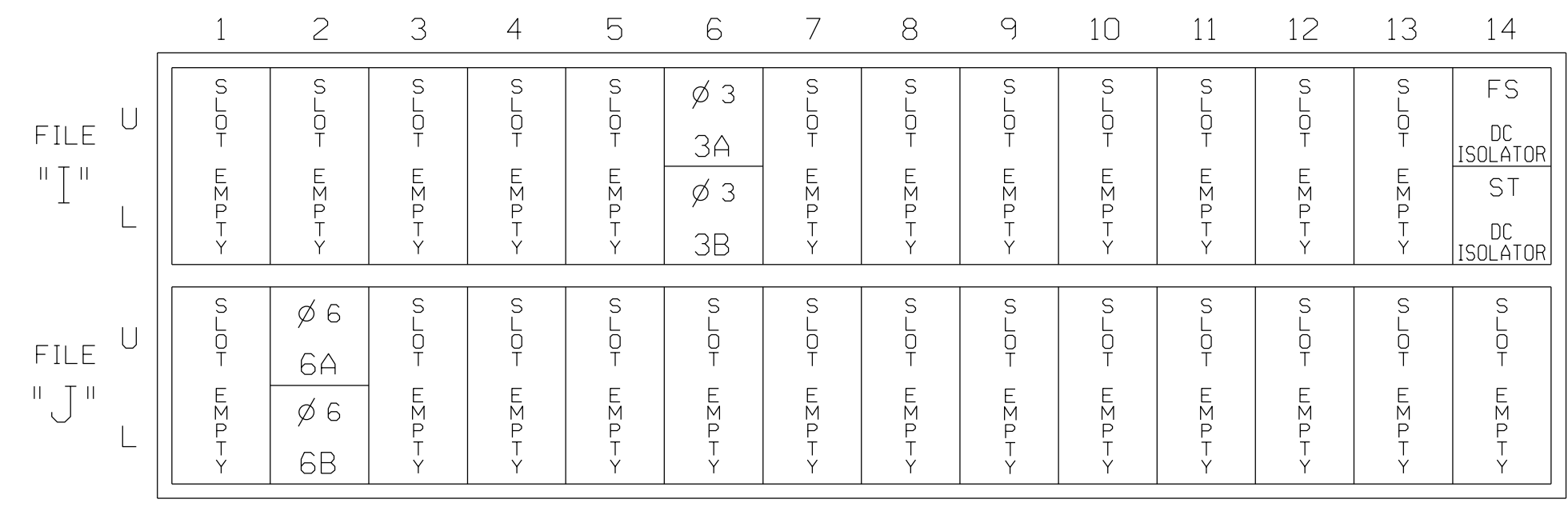
SIGNAL HEAD HOOK-UP CHART

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	DLC	OLD	SPARE
SIGNAL HEAD NO.	NU	NU	NU	31,32	NU	NU	NU	61,62	NU	NU	NU	NU	NU	NU	NU	NU	NU	NU
RED				116				134										
YELLOW								135										
GREEN								136										
RED ARROW																		
YELLOW ARROW				117														
FLASHING YELLOW ARROW																		
GREEN ARROW				118														

NU = Not Used

INPUT FILE POSITION LAYOUT

(front view)



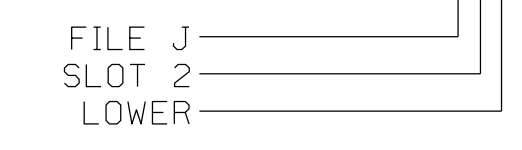
EX.: 1A, 2A, ETC. = LOOP NO.'S

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
3A	TB4-9,10	I6U	41	3	4	3	Y	Y			10
3B	TB4-11,12	I6L	45	7	14	3	Y	Y			10
6A	TB3-5,6	J2U	40	2	6	6	Y	Y			
6B	TB3-7,8	J2L	44	6	16	6	Y	Y			

INPUT FILE POSITION LEGEND: J2L



THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 10-2183T1
 DESIGNED: June 2015
 SEALED: November 11, 2016
 REVISED:

09-DEC-2016, 14:15
 N:\Projects\0615\0615.dwg\0615.dgn
 P:\Lawton

PLANS PREPARED BY:

DRMP
 ENGINEERS • PLANNERS • SCIENTISTS

DRMP, INC.
 5950 FAIRVIEW ROAD, SUITE 320
 CHARLOTTE, NC 28210
 NC LICENSE NO. C-2213 • (704) 332-2289

ELECTRICAL DETAIL

ELECTRICAL AND PROGRAMMING DETAILS FOR:

Prepared for the Offices of:
 Transportation Mobility and Safety Division
 DEPARTMENT OF TRANSPORTATION
 Signal Management Section
 750 N. Greenfield Pkwy, Garner, NC 27529

US 74 (Independence Blvd) WB
 at
SR 1520 (Indian Trail-Fairveiw Road)

Division 10 Union County Indian Trail
 PLAN DATE: June 2015 REVIEWED BY: B Humfleet
 PREPARED BY: LM Moon REVIEWED BY:

REVISIONS	INIT.	DATE

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

Lisa M. Moon 12/12/2016
 DATE

SIG. INVENTORY NO. 10-2183T1