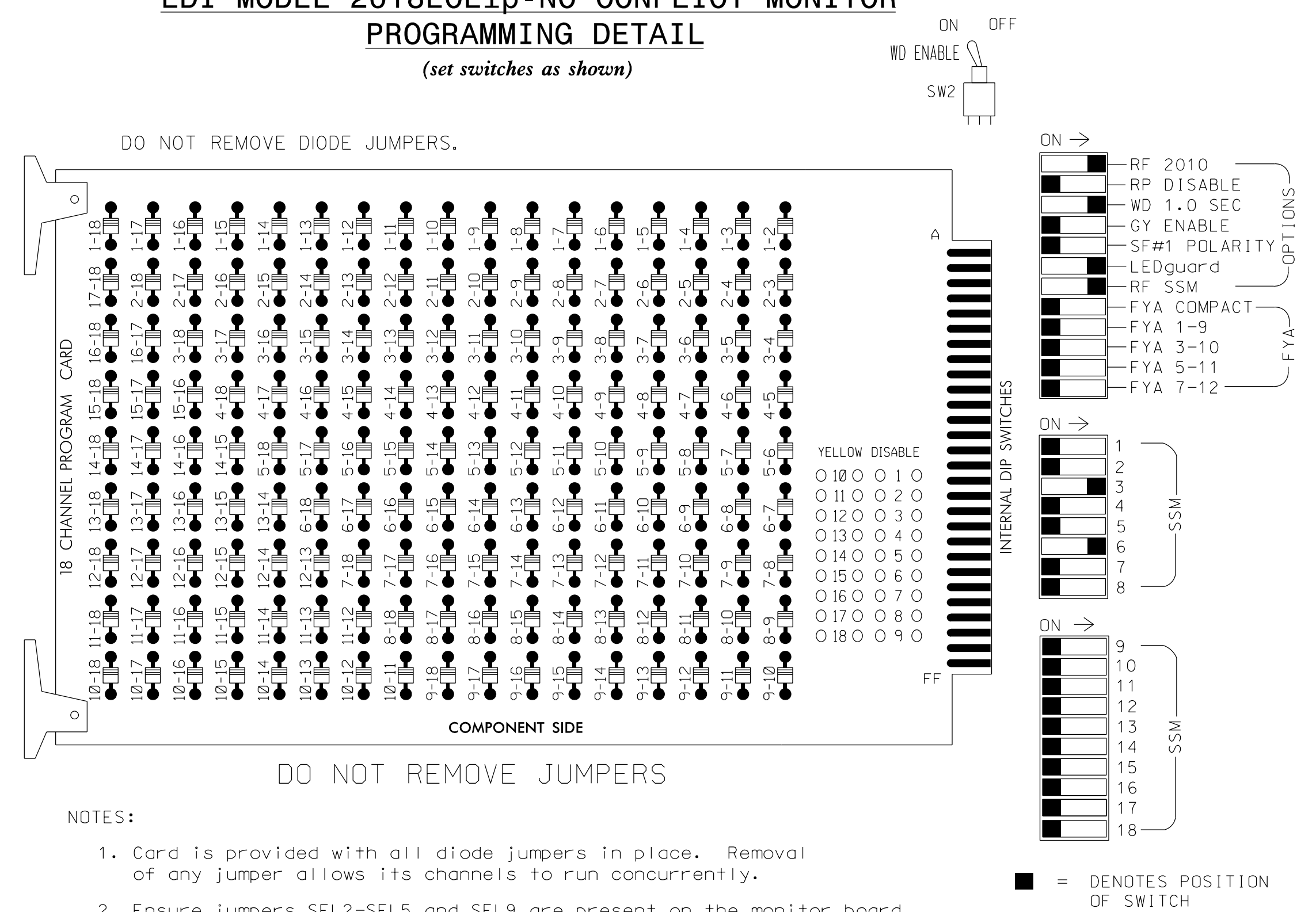


EDI MODEL 2018EClip-NC CONFLICT MONITOR PROGRAMMING DETAIL

(set switches as shown)



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 phase 6 for Variable Initial and Gap Reduction.
4. Program phase 6 for Start Up In Green.
5. Program phase 6 for Yellow Flash.
6. 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
 OVERLAPS.....NONE

*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	OLC	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								134										
YELLOW								135										
GREEN								136										
RED ARROW				116														
YELLOW ARROW				117														
GREEN ARROW				118														

NU = Not Used

INPUT FILE POSITION LAYOUT

(front view)

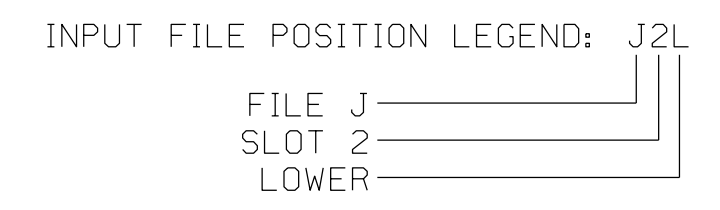
FILE	1	2	3	4	5	6	7	8	9	10	11	12	13	14
U	TOF-S	TOF-S	TOF-S	TOF-S	TOF-S	Ø 3	TOF-S	TOF-S	TOF-S	TOF-S	TOF-S	TOF-S	TOF-S	FS
I	TOF-S	TOF-S	TOF-S	TOF-S	TOF-S	3A	TOF-S	TOF-S	TOF-S	TOF-S	TOF-S	TOF-S	TOF-S	DC ISOLATOR
L	TOF-S	TOF-S	TOF-S	TOF-S	TOF-S	Ø 3	TOF-S	TOF-S	TOF-S	TOF-S	TOF-S	TOF-S	TOF-S	ST
U	TOF-S	Ø6/SYS	TOF-S	TOF-S	TOF-S	3B	TOF-S	TOF-S	TOF-S	TOF-S	TOF-S	TOF-S	TOF-S	DC ISOLATOR
I	TOF-S	6A/S20	TOF-S	TOF-S	TOF-S	TOF-S	TOF-S	TOF-S	TOF-S	TOF-S	TOF-S	TOF-S	TOF-S	TOF-S
L	TOF-S	Ø6/SYS	TOF-S	TOF-S	TOF-S	TOF-S	TOF-S	TOF-S	TOF-S	TOF-S	TOF-S	TOF-S	TOF-S	TOF-S
U	TOF-S	6B/S21	TOF-S	TOF-S	TOF-S	TOF-S	TOF-S	TOF-S	TOF-S	TOF-S	TOF-S	TOF-S	TOF-S	TOF-S

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			
3B	TB4-11,12	I6L	45	7	14	3	Y	Y			
6A/S20	TB3-5,6	J2U	40	2	6	6/SYS	Y	Y			
6B/S21	TB3-7,8	J2L	44	6	16	6/SYS	Y	Y			



THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 10-2185
 DESIGNED: June 2015
 SEALED: August 30, 2016
 REVISED:

12-DEC-2016, 13:17
N:\Projects\102185\102185-20160808.dgn
Lawton AT CAR-PLANTON-W7

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
 NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 Signal Management Section
 750 N. Greenfield Pkwy, Garner, NC 27529

US 74 (Independence Blvd) WB
 at
 SR 1008 (Indian Trail Road)
 Eastbound U-turn

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

SEAL

Lisa M. Moon 12/12/2016
DATE

SIG. INVENTORY NO. 10-2185