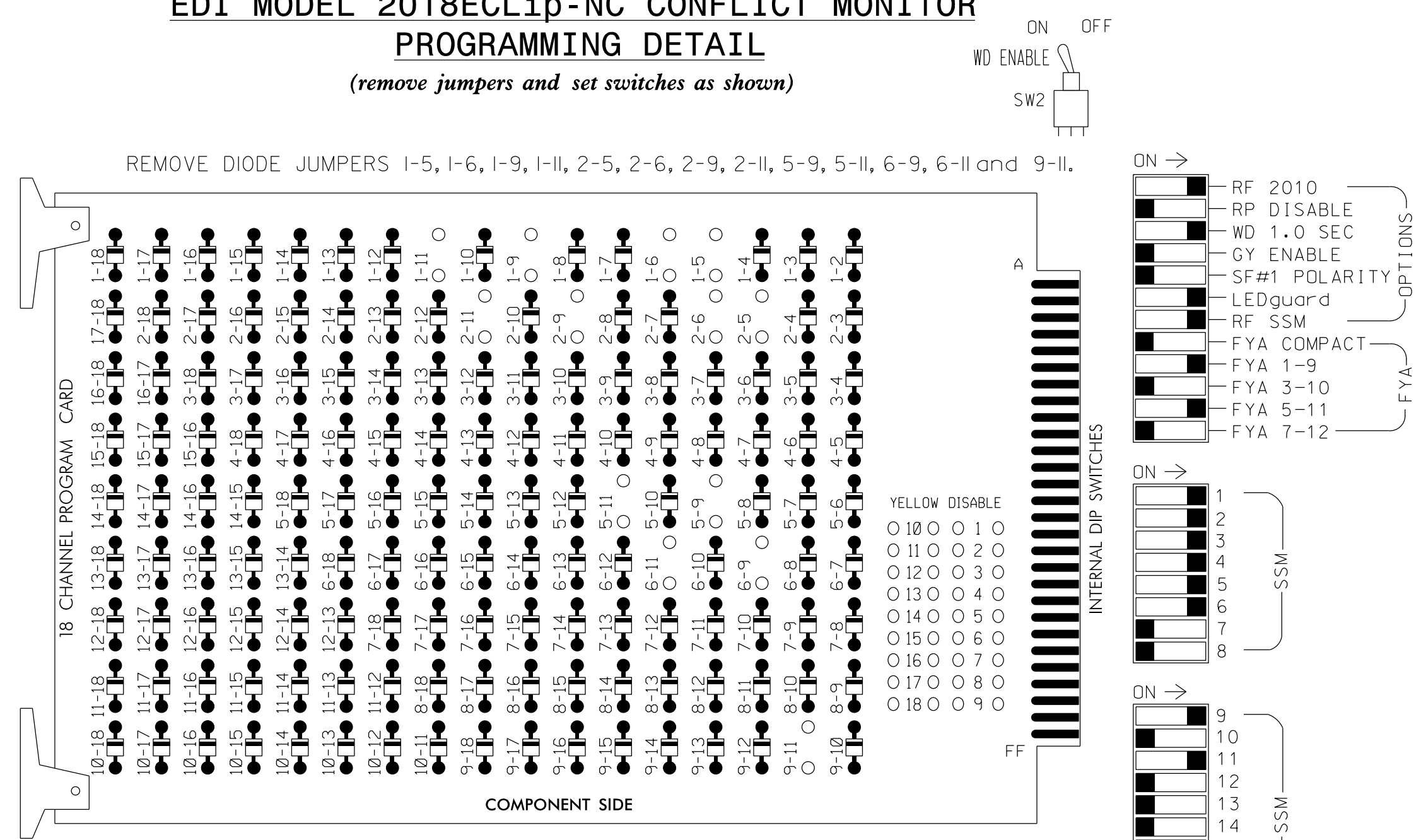


EDI MODEL 2018EClip-NC CONFLICT MONITOR PROGRAMMING DETAIL

(remove jumpers and set switches as shown)



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	OLG	4	4 PED	5	6	6 PED	7	8	8 PED	OLA	OLB	SPARE	OLC	OLD	SPARE	
SIGNAL HEAD NO.	11	32	21,22	NU	22	31	32	41	42	43	62	NU	43	51	61,62	NU	NU	NU	NU
RED	*	128		116	116	101	101		*		134								
YELLOW		129		117	117	102	102				135								
GREEN		130		118	118	103	103				136								
RED ARROW						101										A121		A114	
YELLOW ARROW	126			117		102		102		132						A122		A115	
FLASHING YELLOW ARROW																A123		A116	
GREEN ARROW	127	127		118	118	103	103	103		133	133								

NU = Not Used

* Denotes install load resistor. See load resistor installation detail this sheet.
 ★ See pictorial of head wiring in detail this sheet.

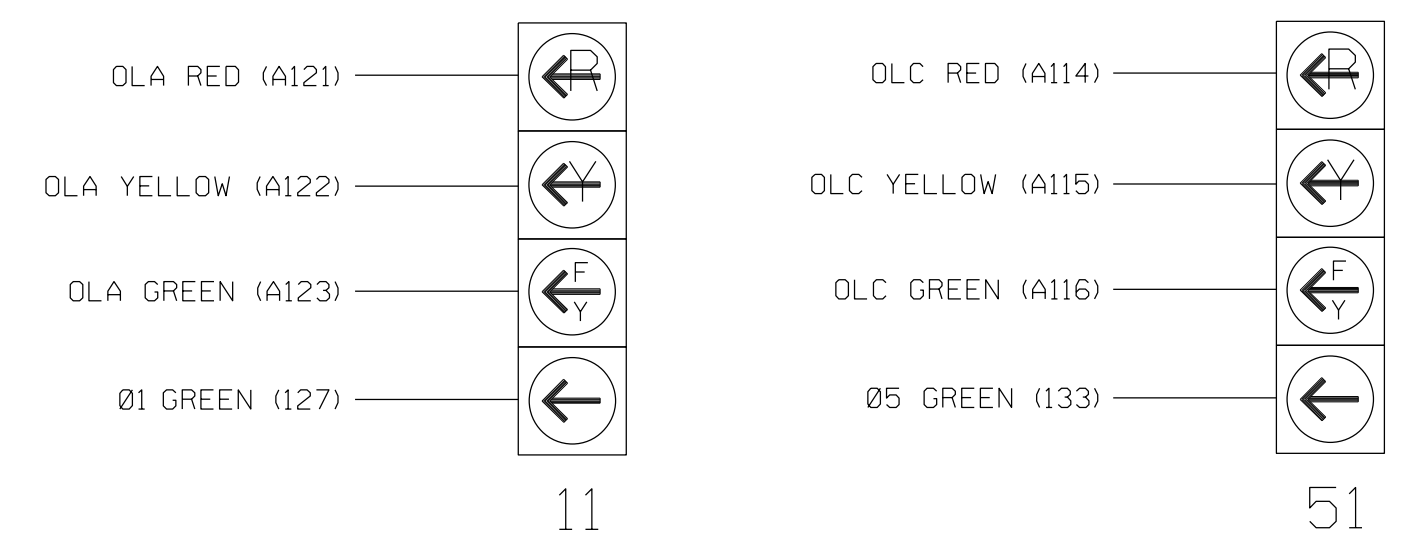
EQUIPMENT INFORMATION

CONTROLLER.....2070LX
 CABINET.....332 W/AUX
 SOFTWARE.....ECONOLITE ASC/3-2070
 CABINET MOUNT.....BASE
 OUTPUT FILE POSITIONS...18 WITH AUX. OUTPUT FILE
 LOAD SWITCHES USED.....S1,S2,S4,S5,S7,S8,AUX S1,AUX S4
 PHASES USED.....1,2,3,4,5,6,**10
 OVERLAP "A".....*
 OVERLAP "B".....NOT USED
 OVERLAP "C".....*
 OVERLAP "D".....NOT USED
 OVERLAP "G".....*

* See overlap programming detail on sheet 2
 ** Used for timing purposes only.

FYA SIGNAL WIRING DETAIL

(wire signal heads as shown)



INPUT FILE POSITION LAYOUT

(front view)

	1	2	3	4	5	6	7	8	9	10	11	12	13	14
FILE "I" U	∅ 1	∅ 2/SYS	∅ 3	∅ 3	∅ 3	∅ 4	∅ 4	∅ 4	∅ 4	∅ 4	∅ 4	∅ 4	∅ 4	∅ 4
FILE "I" L	1A	2A/S1	3A	3C	3C	4A	4C	4C	4C	4C	4C	4C	4C	4C
FILE "J" U	∅ 5	∅ 6/SYS	∅ 6	∅ 6	∅ 6	∅ 6	∅ 6	∅ 6	∅ 6	∅ 6	∅ 6	∅ 6	∅ 6	∅ 6
FILE "J" L	5A	6A/S3	6B	6B	6B	6B	6B	6B	6B	6B	6B	6B	6B	6B

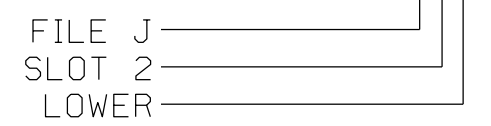
EX.: 1A, 2A, ETC. = LOOP NO.'S
 FS = FLASH SENSE
 ST = STOP TIME

INPUT FILE CONNECTION & PROGRAMMING CHART

LOOP NO.	LOOP TERMINAL	INPUT FILE POS.	PIN NO.	DETECTOR NO.	NEMA PHASE	CALL	EXTEND TIME	DELAY TIME	ADDED INITIAL	DETECTOR TYPE
1A ¹	TB2-1,2	I1U	56	1	1	YES		15		S
		J4U	48	26	6	YES		3		G
2A/S1	TB2-5,6	I2U	39	2	2/SYS	YES		X	N	
2B/S2	TB2-7,8	I2L	43	12	2/SYS	YES		X	N	
3A	TB2-9,10	I3U	63	32	3/10	YES			S	
3B	TB2-11,12	I3L	76	42	3/10	YES			S	
3C	TB4-5,6	I5U	58	3	3/10	YES		15	S	
4A	TB4-9,10	I6U	41	4	4	YES			S	
4B	TB4-11,12	I6L	45	14	4	YES			S	
4C	TB6-1,2	I7U	65	34	4	YES		15	S	
5A ²	TB3-1,2	J1U	55	5	5	YES		15	S	
		I4U	47	22	2	YES		3	G	
6A/S3	TB3-5,6	J2U	40	6	6/SYS	YES		X	N	
6B/S4	TB3-7,8	J2L	44	16	6/SYS	YES		X	N	

¹Add jumper from I1-W to J4-W, on rear of input file.
²Add jumper from J1-W to I4-W, on rear of input file.

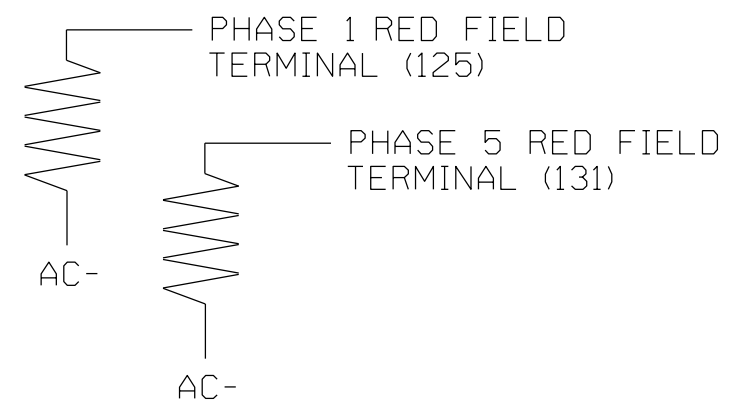
INPUT FILE POSITION LEGEND: J2L



LOAD RESISTOR INSTALLATION DETAIL

(install resistors as shown)

VALUE (ohms)	WATTAGE
1.5K - 1.9K	25W (min)
2.0K - 3.0K	10W (min)



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.
- Program controller to start up in phase 2 Green and 6 Green.
- The cabinet and controller are part of the Elizabeth City Signal System.

THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 01-0747
 DESIGNED: MARCH 2018
 SEALED: 08/21/2018
 REVISED: N/A

Electrical Detail - Sheet 1 of 3

DRMP, Inc.
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 NC License No. C-2216 (019) 650-1038

NC 344 (Halstead Blvd. Ext.)
 at
 Wal-Mart Entrance/
 Tanglewood Parkway South
 Division 1 Pasquotank County Elizabeth City
 PLAN DATE: March 2018 REVIEWED BY: AJ Davis
 PREPARED BY: DJ White REVIEWED BY: LM Moon

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

SEAL
 NORTH CAROLINA PROFESSIONAL ENGINEER
 SEAL 022516
 LISA M. MOON
 9/20/2018