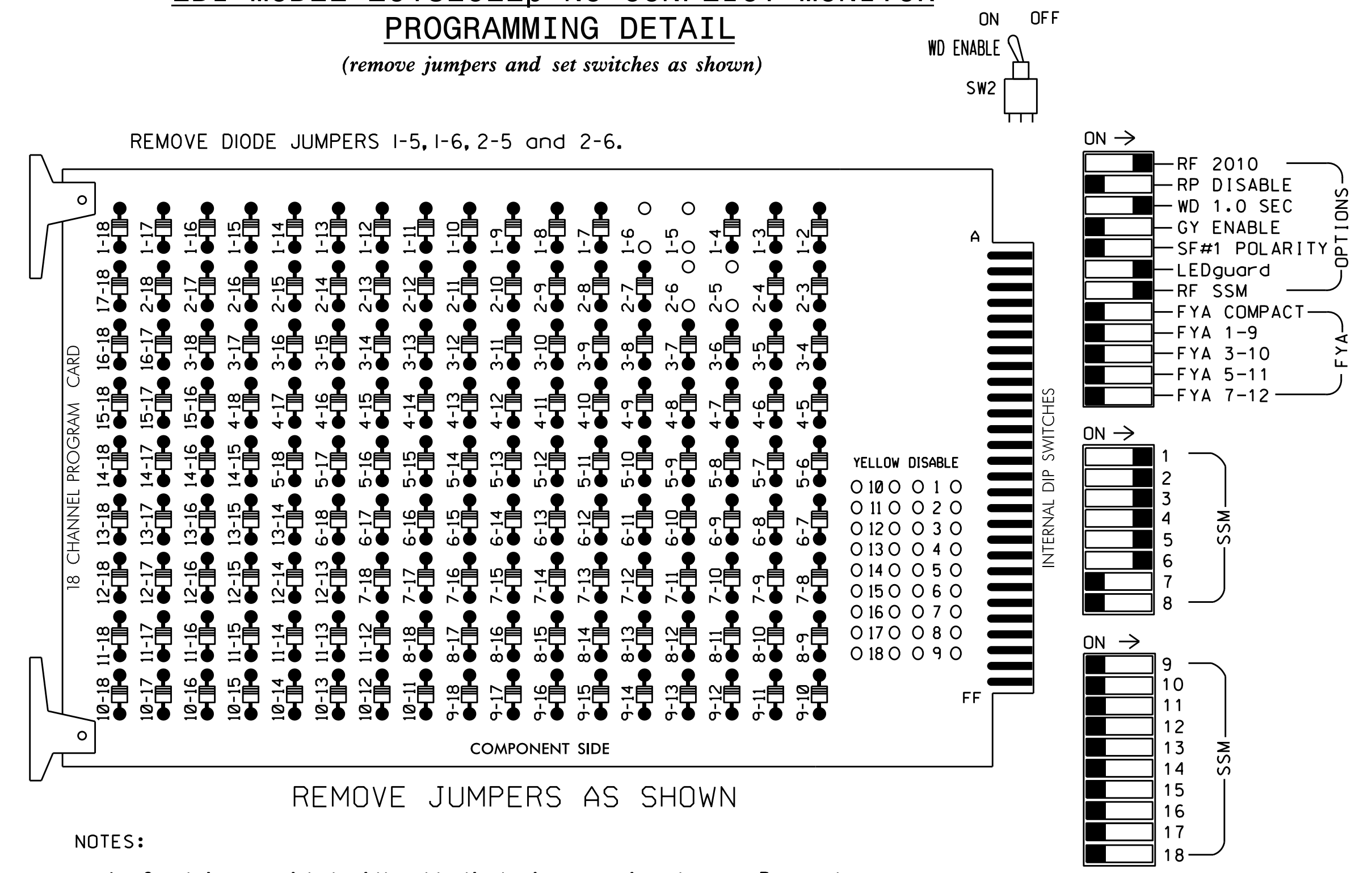


## EDI MODEL 2018EClip-NC CONFLICT MONITOR PROGRAMMING DETAIL

(remove jumpers and set switches as shown)



### 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 phases 2 and 6 for volume density operation.
- Program controller to start up in phase 2 Green and 6 Green.
- The cabinet and controller are part of the Fayetteville 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	PED	3	4	PED	5	6	PED	7	8	PED				
SIGNAL HEAD NO.	11,12	21,22	NU	31	32	33	41,42	43,44	NU	33	51,52	61,62	NU	NU	NU	NU
RED		128		116	116		101				134					
YELLOW		129		117	117		102				135					
GREEN		130		118	118		103				136					
RED ARROW	125			116			101				131					
YELLOW ARROW	126			117			102			132	132					
GREEN ARROW	127			118	118		103			133	133					

NU = Not Used

### EQUIPMENT INFORMATION

CONTROLLER.....2070E  
 CABINET.....332  
 SOFTWARE.....ECONOLITE ASC/3-2070  
 CABINET MOUNT.....BASE  
 OUTPUT FILE POSITIONS...12  
 LOAD SWITCHES USED.....S1,S2,S4,S5,S7,S8  
 PHASES USED.....1,2,3,4,5,6  
 OVERLAPS.....NONE

### 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.

■ = DENOTES POSITION OF SWITCH

### INPUT FILE POSITION LAYOUT

(front view)

FILE U "I"	1 ∅ 1 1A	2 ∅ 2 2A	3 ∅ 2 2C	4 FS	5 ∅ 3 3A	6 ∅ 4 4A	7 ∅ 4 4C	8 FS	9 FS	10 FS	11 FS	12 FS	13 FS	14 FS	FS DC ISOLATOR ST DC ISOLATOR
FILE U "J"	5 ∅ 5 5A	6 ∅ 5 5C	7 ∅ 6 6B	8 FS	9 FS	10 FS	11 FS	12 FS	13 FS	14 FS	15 FS	16 FS	17 FS	18 FS	19 FS

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	DETECTOR TYPE
1A	TB2-1,2	I1U	56	1	1	YES			S
1B	TB2-3,4	I1L	56	1	1	YES			S
2A	TB2-5,6	I2U	39	2	2	YES			N
2B	TB2-7,8	I2L	43	12	2	YES			N
2C	TB2-9,10	I3U	63	32	2	YES			N
3A	TB4-5,6	I5U	58	3	3	YES			S
3B	TB4-7,8	I5L	58	3	3	YES			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			S
4D	TB6-3,4	I7L	78	44	4	YES		15	S
5A	TB3-1,2	J1U	55	5	5	YES			S
5B	TB3-3,4	J1L	55	5	5	YES			S
5C	TB3-5,6	J2U	40	6	5	YES		20	S
6A	TB3-7,8	J2L	44	16	6	YES			N
6B	TB3-9,10	J3U	64	36	6	YES			N
6C	TB3-11,12	J3L	77	46	6	YES			N

INPUT FILE POSITION LEGEND: J2L  
 FILE J ———  
 SLOT 2 ———  
 LOWER ———

THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 06-0521  
 DESIGNED: December 2015  
 SEALED: 4/20/2016  
 REVISED:

### Electrical Detail

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

<p>Prepared In the Offices of:</p> <p>750 N. Greenfield Pkwy, Garner, NC 27529</p>	<p>US 401 Bypass (Skibo Road) at Campground Road</p> <p>Division 6 Cumberland County Fayetteville</p> <p>PLAN DATE: April 2016 REVIEWED BY: BAS</p> <p>PREPARED BY: C. Strickland REVIEWED BY:</p>	<p>SEAL</p> <p>CARY M. LITTLE</p> <p>DocuSigned by: Cary M. Little 5/25/2016</p> <p>SIG. INVENTORY NO. 06-0521</p>
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