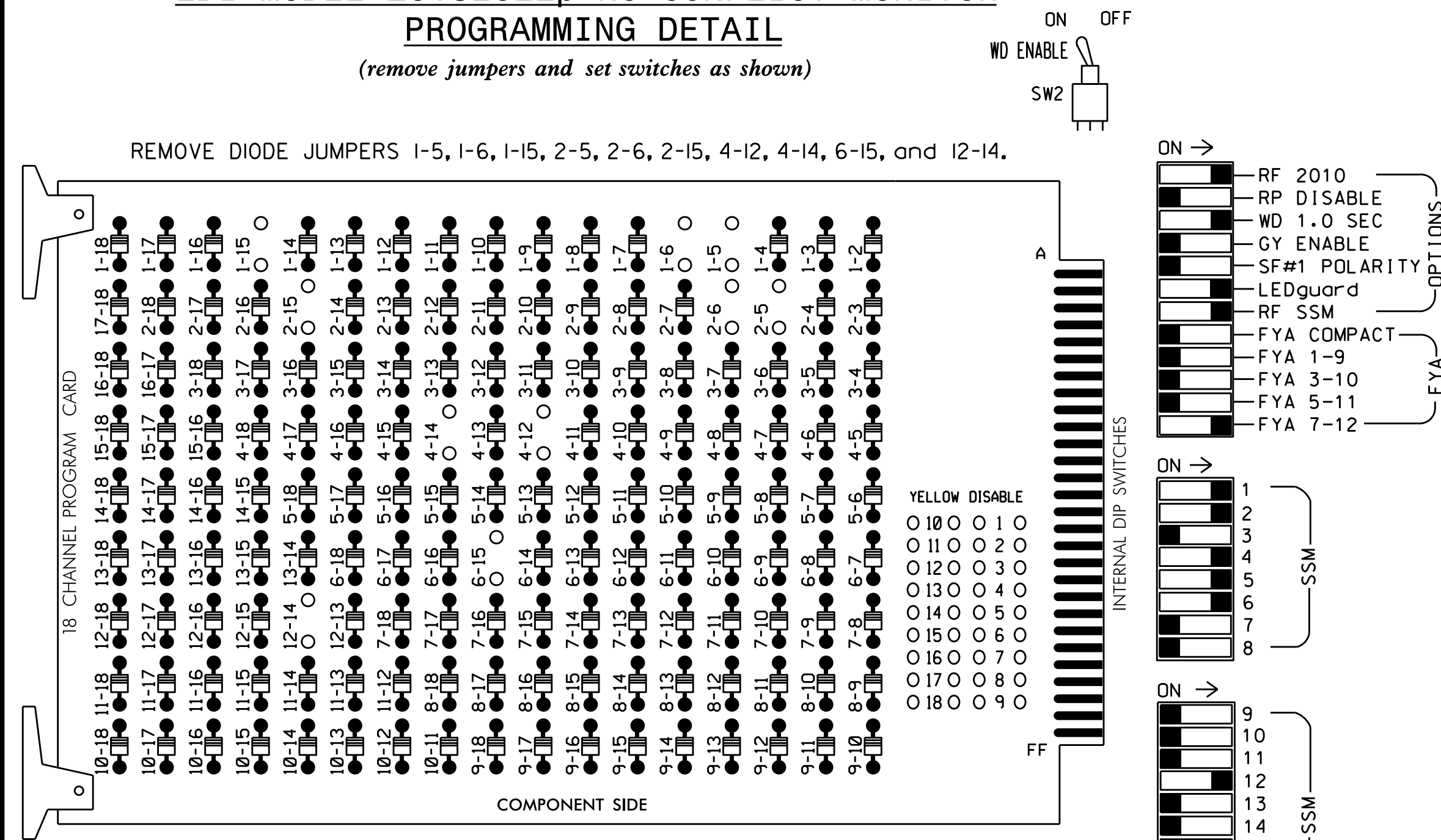


EDI MODEL 2018ECLIP-NC CONFLICT MONITOR PROGRAMMING DETAIL

(remove jumpers and set switches as shown)



REMOVE JUMPERS 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.
- Integrate monitor with Ethernet network in cabinet.

■ = DENOTES POSITION OF SWITCH

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 Walk.
- The cabinet and controller are part of the Fayetteville Signal System.

EQUIPMENT INFORMATION

CONTROLLER.....2070E
 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,S5,S6,S7,S8,S9,AUX S5
 PHASES USED.....1,2,4,4PED,5,6,6PED
 OVERLAP "A".....NOT USED
 OVERLAP "B".....NOT USED
 OVERLAP "C".....NOT USED
 OVERLAP "D".....*

* See overlap programming detail on sheet 2

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	63	P41, P42	51,52	61,62	63	P61, P62	NU	NU	NU	NU	NU	NU	43*	NU
RED		128							134									A101	
YELLOW		129							135										
GREEN		130							136										
RED ARROW	125				101			131											
YELLOW ARROW	126				102	102		132											A102
FLASHING YELLOW ARROW																			A103
GREEN ARROW	127				103	103		133											
Hand icon							104			119									
Person icon							106			121									

NU = Not Used

* See pictorial of head wiring in detail below.

INPUT FILE POSITION LAYOUT

(front view)

FILE "I"	1	2	3	4	5	6	7	8	9	10	11	12	13	14
U	∅ 1	∅2/SYS	∅2/SYS	S	S	∅ 4	∅ 4	S	S	S	S	NOT USED	∅6 PED	FS
L	1A	2A/S2A	2C/S2C	∅ 4	∅ 4	4A	4C	∅ 4	∅ 4	∅ 4	∅ 4	∅ 4	DC ISOLATOR	DC ISOLATOR
U	NOT USED	∅2/SYS	NOT USED	∅ 4	NOT USED	4B	NOT USED	∅ 4	∅ 4	∅ 4	∅ 4	∅ 4	DC ISOLATOR	ST
L	NOT USED	2B/S2B	NOT USED	4B	NOT USED	4B	NOT USED	∅ 4	∅ 4	∅ 4	∅ 4	∅ 4	DC ISOLATOR	DC ISOLATOR
U	∅ 5	∅ 5	∅6/SYS	∅6/SYS	S	S	S	S	S	S	S	S	S	S
L	5A	5B	6A/S6A	6C/S6C	∅ 6	∅ 6	∅ 6	∅ 6	∅ 6	∅ 6	∅ 6	∅ 6	∅ 6	∅ 6
U	NOT USED	NOT USED	∅6/SYS	NOT USED	∅ 6	∅ 6	∅ 6	∅ 6	∅ 6	∅ 6	∅ 6	∅ 6	∅ 6	∅ 6
L	NOT USED	NOT USED	6B/S6B	NOT USED	∅ 6	∅ 6	∅ 6	∅ 6	∅ 6	∅ 6	∅ 6	∅ 6	∅ 6	∅ 6

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

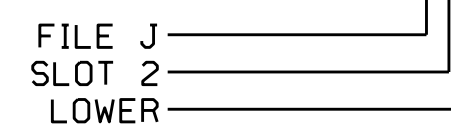
FS = FLASH SENSE
 ST = STOP TIME

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
2A/S2A	TB2-5,6	I2U	39	2	2/SYS	YES			N
2B/S2B	TB2-7,8	I2L	43	12	2/SYS	YES			N
2C/S2C	TB2-9,10	I3U	63	32	2/SYS	YES			N
4A	TB4-9,10	I6U	41	4	4	YES		3	S
4B	TB4-11,12	I6L	45	14	4	YES			S
4C	TB6-1,2	I7U	65	34	4	YES		10	S
5A	TB3-1,2	J1U	55	5	5	YES			S
5B	TB3-5,6	J2U	40	6	5	YES			S
6A/S6A	TB3-9,10	J3U	64	36	6/SYS	YES			N
6B/S6B	TB3-11,12	J3L	77	46	6/SYS	YES			N
6C/S6C	TB5-1,2	J4U	48	26	6/SYS	YES			N
PED PUSH BUTTONS									
P41,P42	TB8-5,6	I12L	69	PED 4	4 PED				
P61,P62	TB8-7,9	I13U	68	PED 6	6 PED				

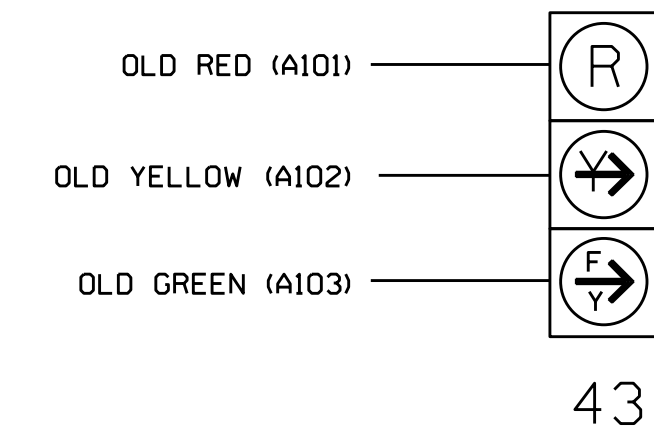
NOTE:
 INSTALL DC ISOLATORS IN INPUT FILE SLOTS 112 AND 113.

INPUT FILE POSITION LEGEND: J2L



FYA SIGNAL WIRING DETAIL

(wire signal head as shown)



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THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 06-0457
 DESIGNED: May 2016
 SEALED: 7/20/2016
 REVISED: N/A

Electrical Detail Sheet 1 of 2

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

ELECTRICAL AND PROGRAMMING DETAILS FOR: Prepared in the Offices of: 750 N. Greenfield Pkwy, Garner, NC 27529	SR 1007 (Owen Drive) at Melrose Road		SEAL Keith M. Mims ENGINEER
	Division 6 PLAN DATE: July 2016 PREPARED BY: S. Armstrong	Cumberland County REVIEWED BY: BAS REVIEWED BY:	
REVISIONS:			SIG. INVENTORY NO. 06-0457