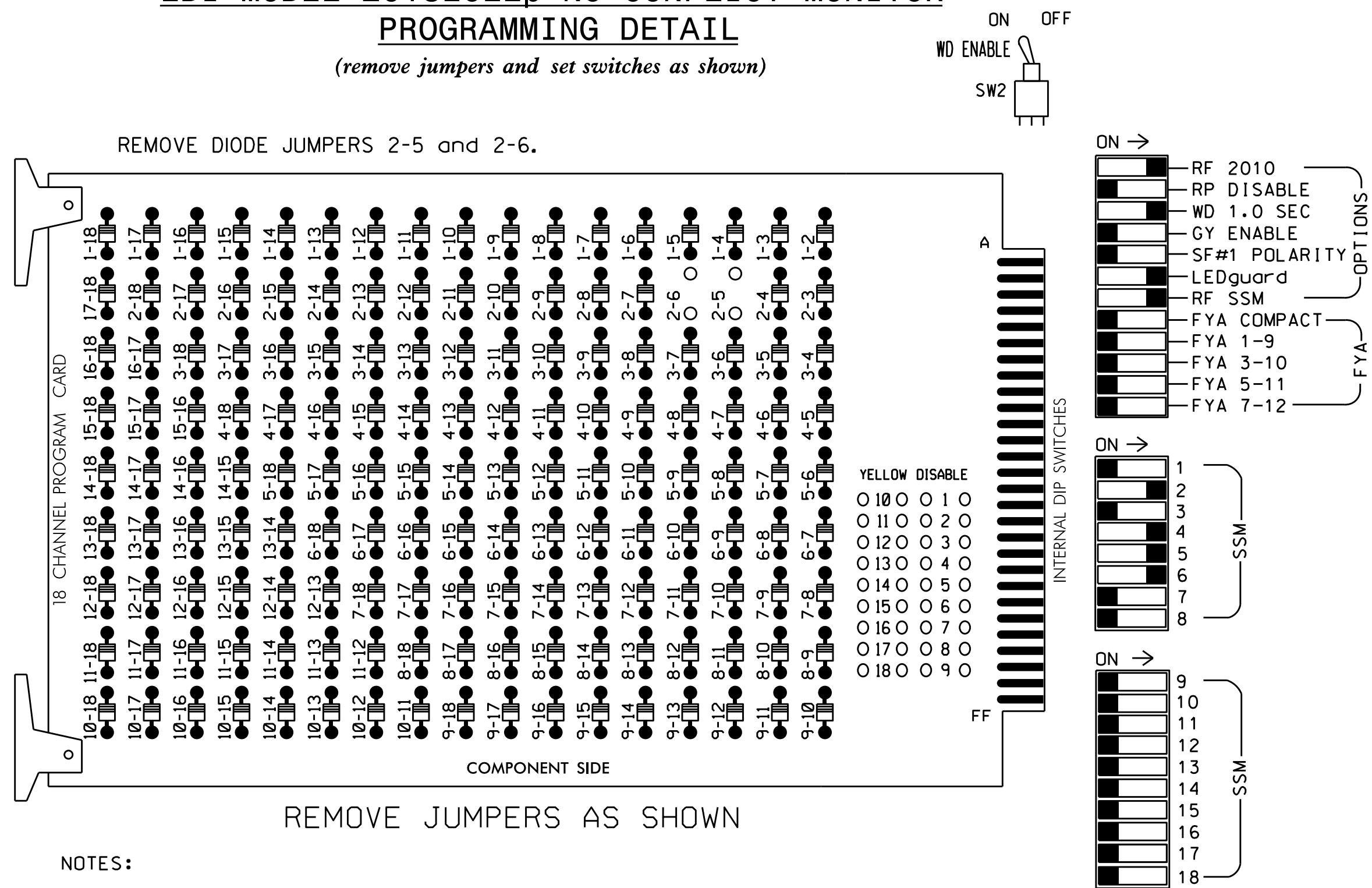


EDI MODEL 2018ECLip-NC CONFLICT MONITOR

PROGRAMMING DETAIL

(remove jumpers and set switches as shown)



NOTES:

1. Card is provided with all diode jumpers in place. Removal of any jumper allows its channels to run concurrently.
2. Ensure jumpers SEL2-SEL5 and SEL9 are present on the monitor board.
3. Ensure that Red Enable is active at all times during normal operation.
4. Integrate monitor with Ethernet network in cabinet.

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 controller to start up in phase 2 Green and 6 Green.
4. The cabinet and controller are part of the Fayetteville Signal System.

EQUIPMENT INFORMATION

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

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	2 PED	3	4	4 PED	5	6	6 PED	7	8	8 PED
SIGNAL HEAD NO.	NU	21,22	NU	NU	41,42	NU	51,52	61,62 63	NU	NU	NU	NU
RED		128			101			134				
YELLOW		129			102			135				
GREEN		130			103			136				
RED ARROW								131				
YELLOW ARROW								132				
GREEN ARROW								133				

NU = Not Used

INPUT FILE POSITION LAYOUT

(front view)

	1	2	3	4	5	6	7	8	9	10	11	12	13	14
FILE U	∅ 2	∅ 2	∅ 2	∅ 2	-OFS	∅ 4	S	-OFS	SYS. DET. S2A	S	-OFS	-OFS	-OFS	FS DC ISOLATOR
"I" L	NOT USED	∅ 2	∅ 2	NOT USED	-OFS	∅ 4	-OFS	-OFS	SYS. DET. S2B	-OFS	-OFS	-OFS	-OFS	ST DC ISOLATOR
FILE U	∅ 5	∅ 5	∅ 6	∅ 6	-OFS	-OFS	-OFS	-OFS	SYS. DET. S2C	-OFS	-OFS	-OFS	-OFS	S
"J" L	NOT USED	NOT USED	∅ 6	NOT USED	-OFS	-OFS	-OFS	-OFS	NOT USED	-OFS	-OFS	-OFS	-OFS	-OFS

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

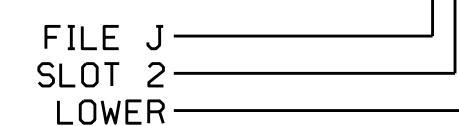
FS = FLASH SENSE
 ST = STOP TIME

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
2A	TB2-1,2	11U	56	1	2	YES	1.6		S
2B	TB2-5,6	12U	39	2	2	YES	1.6		S
2C	TB2-7,8	12L	43	12	2	YES	1.6		S
2D	TB2-9,10	13U	63	32	2	YES			S
2E	TB2-11,12	13L	76	42	2	YES			S
2F	TB4-1,2	14U	47	22	2	YES			S
4A	TB4-9,10	16U	41	4	4	YES			S
4B	TB4-11,12	16L	45	14	4	YES			S
5A	TB3-1,2	J1U	55	5	5	YES			S
5B	TB3-5,6	J2U	40	6	5	YES			S
6A	TB3-9,10	J3U	64	36	6	YES			S
6B	TB3-11,12	J3L	77	46	6	YES			S
6C	TB5-1,2	J4U	48	26	6	YES			S
*S2A	TB6-9,10	I9U	60	11	SYS	NO			N
*S2B	TB6-11,12	I9L	62	13	SYS	NO			N
*S2C	TB7-9,10	J9U	59	15	SYS	NO			N

* System detector only. Remove any assigned vehicle phase.

INPUT FILE POSITION LEGEND: J2L



THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 06-0323
 DESIGNED: May 2016
 SEALED: 7/20/2016
 REVISED: N/A

Electrical Detail

Electrical and Programming Details for: **US 401 Bus. (Raeford Road) at SR 1007 (All American Expressway) Northbound Ramps**

Division 6 Cumberland County Fayetteville

PLAN DATE: July 2016 REVIEWED BY: BAS

PREPARED BY: S. Armstrong REVIEWED BY:

REVISIONS: _____ INIT. DATE

DocuSigned by: **Keith M. Mins** 7/21/2016

750 N. Greenfield Pkwy, Garner, NC 27529

SEAL: **KEITH M. MINS** ENGINEER 036880

SIG. INVENTORY NO. 06-0323

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