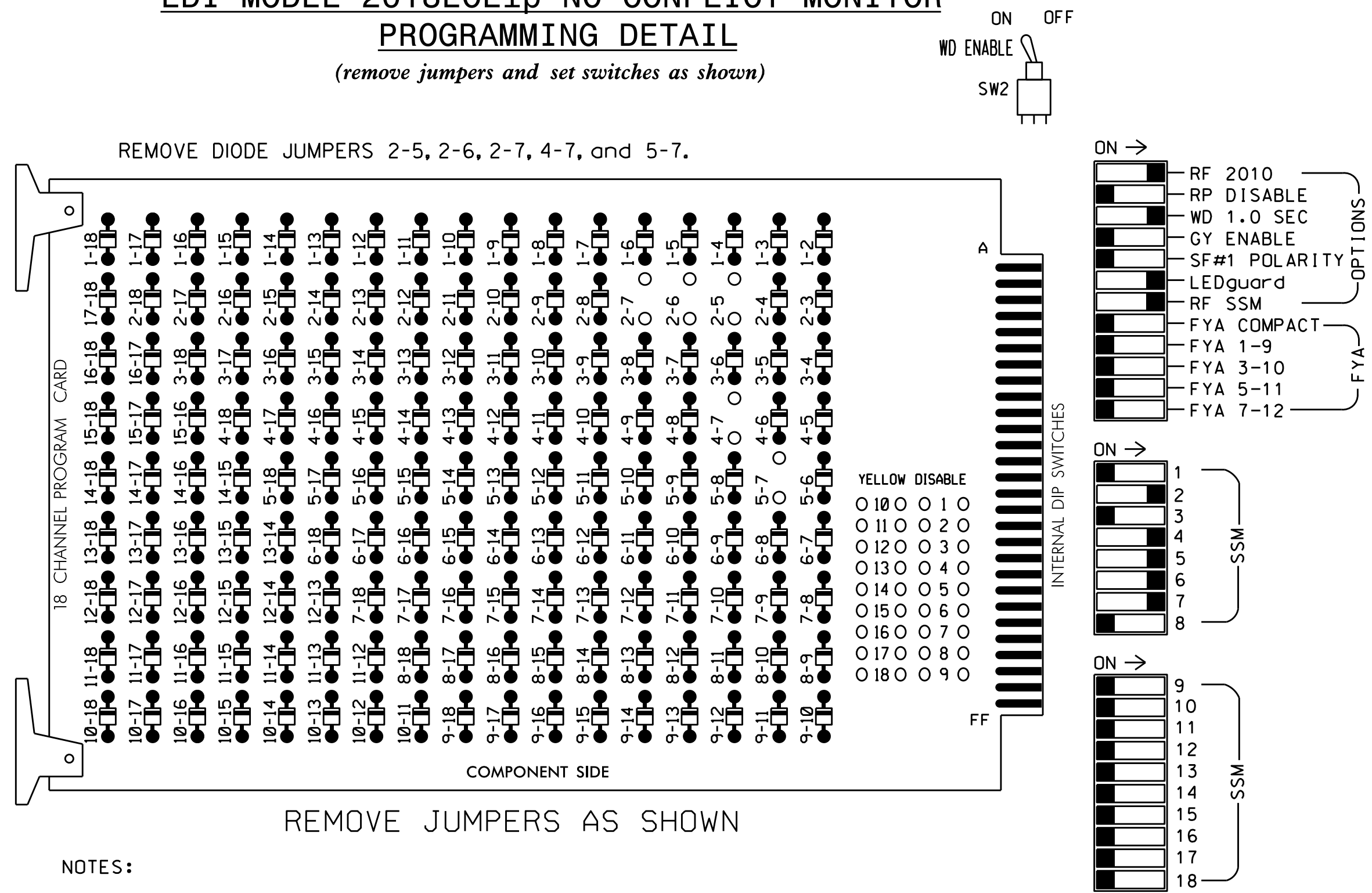


EDI MODEL 2018EClip-NC CONFLICT MONITOR PROGRAMMING DETAIL

(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 phases 2 and 6 for volume density operation.
4. Program controller to start up in phase 2 Green and 6 Green.
5. The cabinet and controller are part of the Concord Mills Blvd. CLS.

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,S10
 PHASES USED.....2,4,5,6
 OVERLAP E.....4+5

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	OLE	8	8 PED
SIGNAL HEAD NO.	NU	21,22	NU	NU	41,42	NU	51	61,62	NU	43	NU	NU
RED		128						134		122		
YELLOW		129						135				
GREEN		130						136				
RED ARROW					101		131					
YELLOW ARROW					102		132			123		
GREEN ARROW					103		133			124		

NU = Not Used

NOTE: The outputs for load switches S10 and S11 have been reassigned. See sheet 2 for details.

INPUT FILE POSITION LAYOUT

(front view)

FILE "I"	1	2	3	4	5	6	7	8	9	10	11	12	13	14
U	S	NOT USED	∅ 2	∅ 2C	S	S	∅ 4	S	S	S	S	S	S	FS
L	∅ 2B	∅ 2	NOT USED	∅ 2C	∅ 2	∅ 2	∅ 4A	∅ 4	∅ 4	∅ 4	∅ 4	∅ 4	∅ 4	DC ISOLATOR
U	∅ 5	∅ 5	NOT USED	∅ 6	S	S	S	S	S	S	S	S	S	S
L	5A	5B	∅ 6	6C	∅ 6	∅ 6	∅ 6	∅ 6	∅ 6	∅ 6	∅ 6	∅ 6	∅ 6	∅ 6
	NOT USED	NOT USED	∅ 6	NOT USED	∅ 6	∅ 6	∅ 6	∅ 6	∅ 6	∅ 6	∅ 6	∅ 6	∅ 6	∅ 6

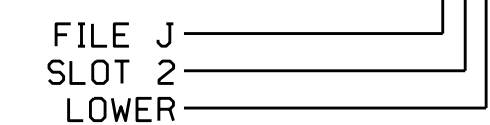
EX.: 1A, 2A, ETC. = LOOP NO.'S

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
2B	TB2-7,8	I2L	43	12	2	YES			S
2C	TB2-9,10	I3U	63	32	2	YES			S
4A	TB6-1,2	I7U	65	34	4	YES			S
4B	TB6-3,4	I7L	78	44	4	YES			S
5A	TB3-1,2	J1U	55	5	5	YES			S
5B	TB3-5,6	J2U	40	6	5	YES		15	S
6B	TB3-11,12	J3L	77	46	6	YES			S
6C	TB5-1,2	J4U	48	26	6	YES			S

INPUT FILE POSITION LEGEND: J2L



THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 10-1732T2
 DESIGNED: July 2017
 SEALED: 9/25/2017
 REVISED: N/A

SPECIAL DETECTOR NOTE

Remove all video detection equipment that was installed during the Temporary Design - Phase I construction.

Electrical Detail - Temp Design 2 - Phase II - Sheet 1 of 2

Electrical and Programming Details For: **SR 2894 (Concord Mills Blvd.) at Shopping Center Entrance**

Prepared In the Offices of: **Keith M. Mins**

Division 10 Cabarrus County Concord

PLAN DATE: September 2017 REVIEWED BY:

PREPARED BY: S. Armstrong REVIEWED BY:

REVISIONS INIT. DATE

750 N. Greenfield Pkwy, Garner, NC 27529

2F807868EC23445

9/26/2017

SIG. INVENTORY NO. 10-1732T2

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

SEAL

NORTH CAROLINA PROFESSIONAL ENGINEER

KEITH M. MINS

036880

DocuSigned by: Keith M. Mins 9/26/2017

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SIG. INVENTORY NO. 10-1732T2

26-SEP-2017 13:16 C:\PLOTS\1732\SIG\1732_Sm_elec_xxx.dgn sarmstrong