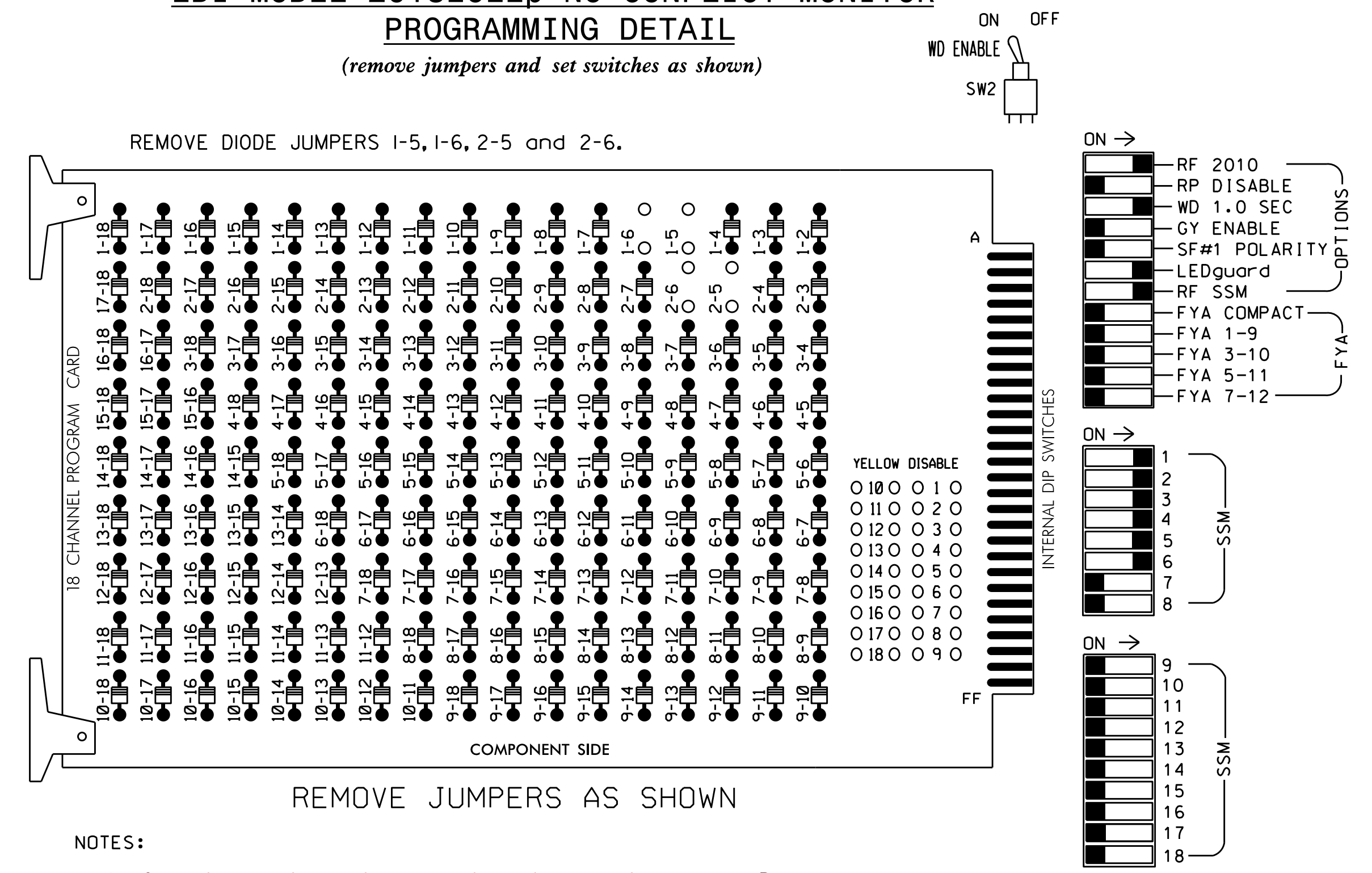


EDI MODEL 2018EClip-NC CONFLICT MONITOR PROGRAMMING DETAIL

(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 Fayetteville Signal System.

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

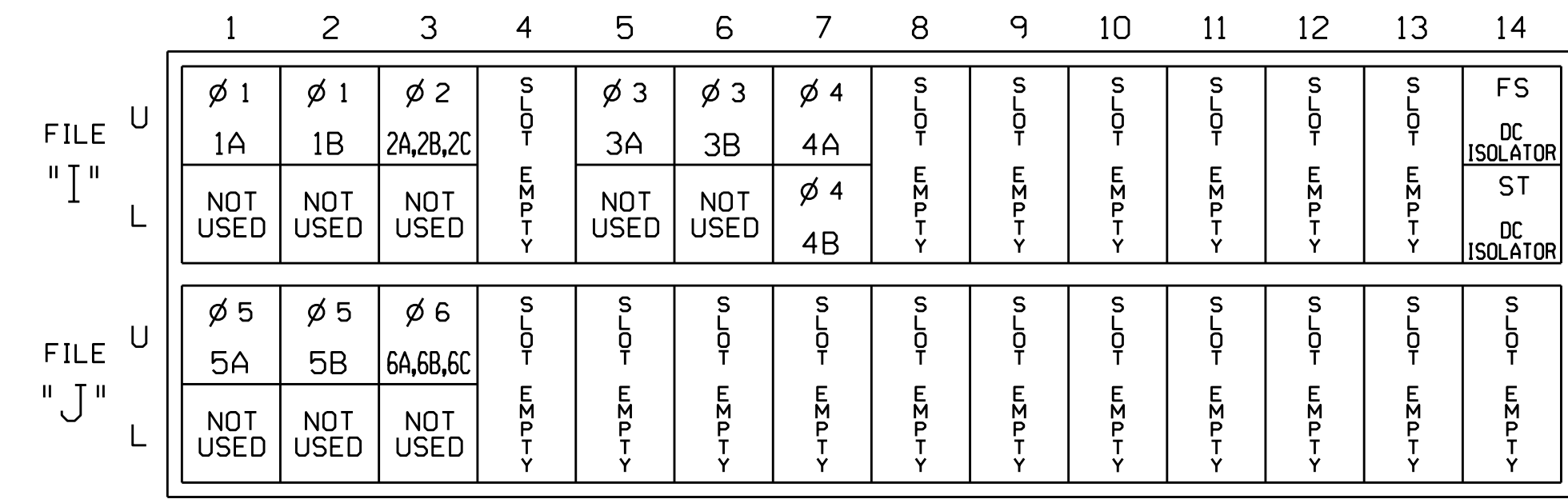
SIGNAL HEAD HOOK-UP CHART

LOAD SWITCH NO.	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	S11	S12											
EMU 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.	11	32	21,22 23	23	31	32	41	42	43	63	NU	43	51	61,62 63	NU	7	8	8 PED	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	125							101									131						
YELLOW ARROW	126	126			117			102					102			132	132						
GREEN ARROW	127	127			118	118		103	103				103			133	133						

NU = Not Used

INPUT FILE POSITION LAYOUT

(front view)



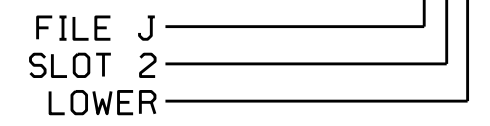
EX.: 1A, 2A, ETC. = LOOP NO.'S

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		3	S
1B	TB2-5,6	I2U	39	2	1	YES		15	S
2A,2B,2C	TB2-9,10	I3U	63	32	2	YES			N
3A	TB4-5,6	I5U	58	3	3	YES		3	S
3B	TB4-9,10	I6U	41	4	3	YES			S
4A	TB6-1,2	I7U	65	34	4	YES		3	S
4B	TB6-3,4	I7L	78	44	4	YES			S
5A	TB3-1,2	J1U	55	5	5	YES		3	S
5B	TB3-5,6	J2U	40	6	5	YES		15	S
6A,6B,6C	TB3-9,10	J3U	64	36	6	YES			N

INPUT FILE POSITION LEGEND: J2L



THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 06-0327
 DESIGNED: January 2016
 SEALED: 7-25-16
 REVISED: N/A

Electrical Detail

Electrical and Programming Details For:
 Prepared in the Offices of:

 750 N. Greenfield Pkwy, Garner, NC 27529

US 401 Bus. (Raeford Road) at Ferncreek Drive / Roxie Avenue
 Division 6 Cumberland County Fayetteville

PLAN DATE: July 2016	REVIEWED BY: DTJ
PREPARED BY: James Peterson	REVIEWED BY:
REVISIONS	INIT. DATE

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

SEAL

 Keith M. Mins
 8/9/2016
 SIG. INVENTORY NO. 06-0327

06-0327-2016_07-24
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 J.peterson