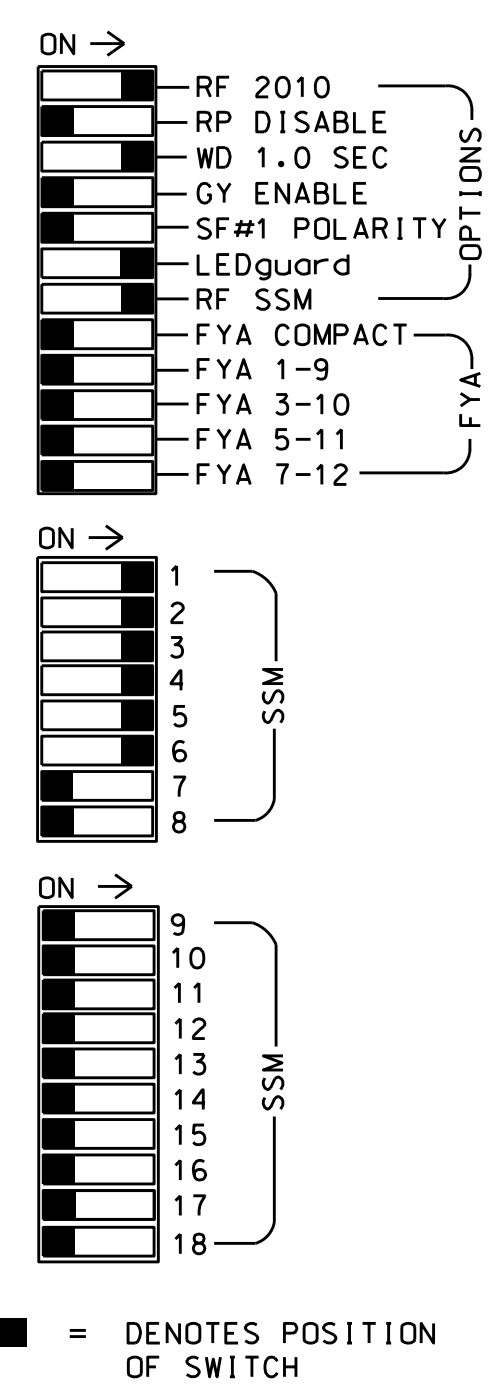
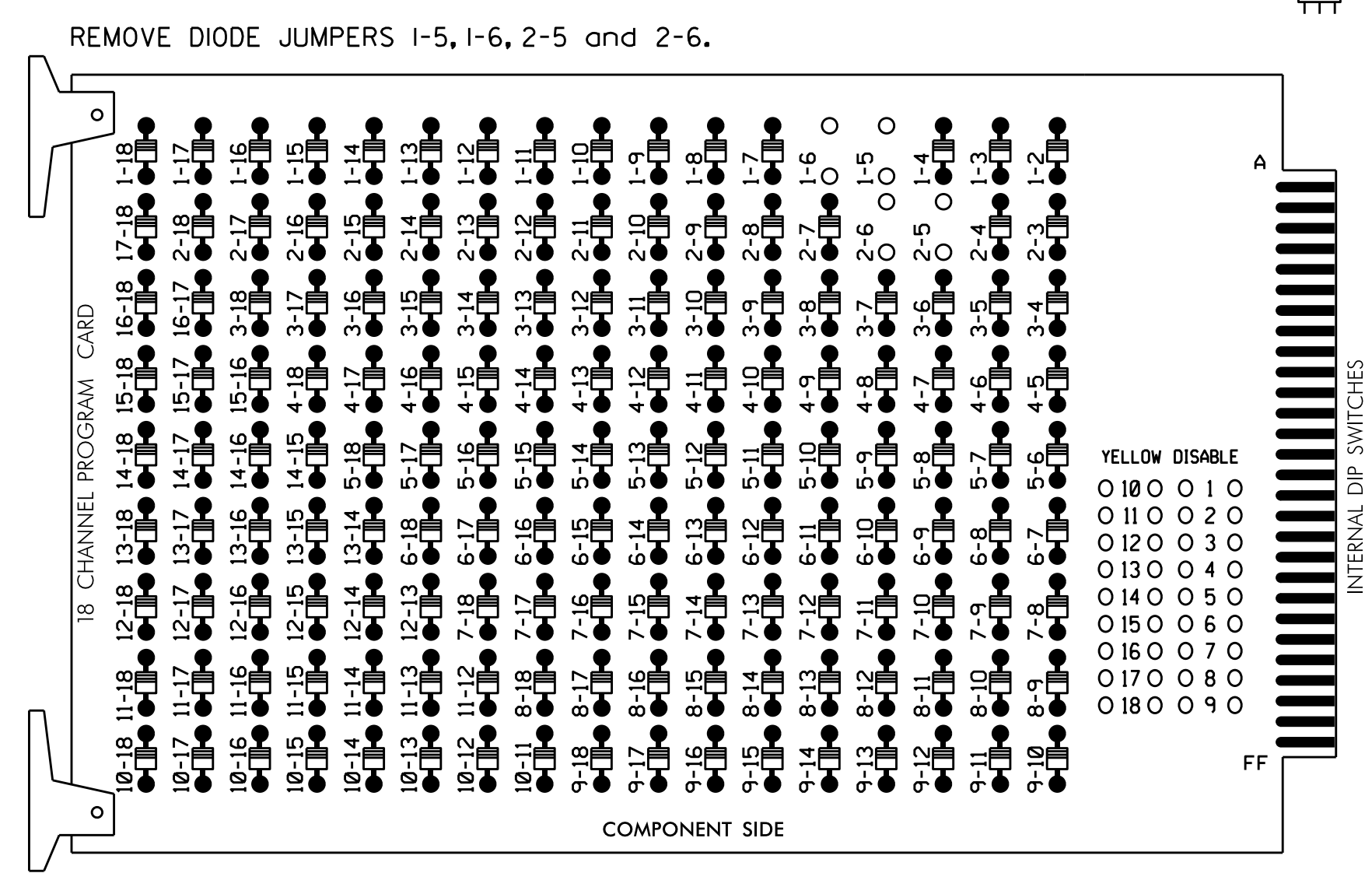


EDI MODEL 2018ECLIP-NC CONFLICT MONITOR

PROGRAMMING DETAIL

(remove jumpers and set switches 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.

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 Variable Initial and Gap Reduction.
- Program phases 2 and 6 for Start Up In Green.
- Program phases 2 and 6 for Yellow Flash.
- The cabinet and controller are part of the Asheville Signal System.

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
EMU 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.	11,12	42	21,22	NU	31	32	62	22	41	42	NU	51	61,62	NU	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											131						
YELLOW ARROW	126	126				117	102					132						
GREEN ARROW	127	127			118	118	103	103				133						

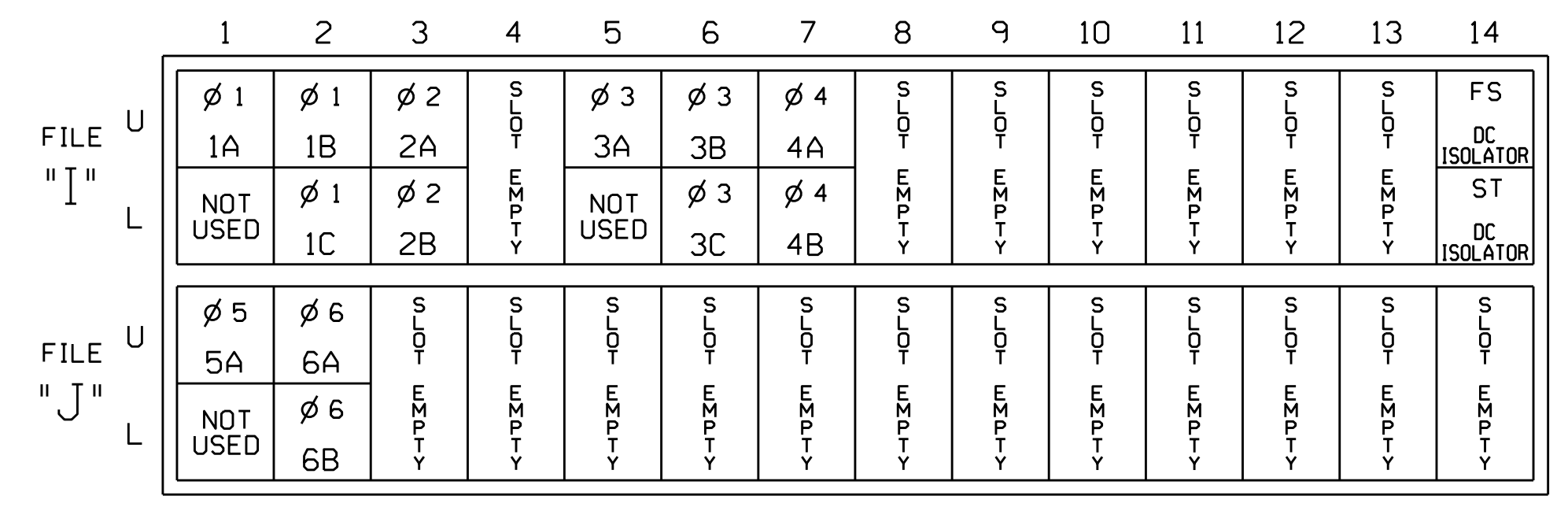
NU = Not Used

EQUIPMENT INFORMATION

CONTROLLER.....2070E
 CABINET.....332 W/ AUX
 SOFTWARE.....ECONOLITE OASIS
 CABINET MOUNT.....BASE
 OUTPUT FILE POSITIONS...18 WITH AUX. OUTPUT FILE
 LOAD SWITCHES USED.....S1,S2,S4,S5,S7,S8
 PHASES USED.....1,2,3,4,5,6
 OVERLAPS.....NONE

INPUT FILE POSITION LAYOUT

(front view)



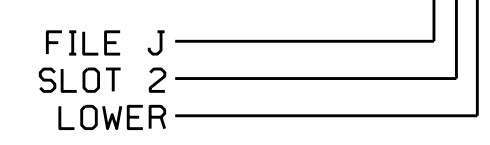
EX.: 1A, 2A, ETC. = LOOP NO.'S

FS = FLASH SENSE
 ST = STOP TIME

INPUT FILE CONNECTION & PROGRAMMING CHART

LOOP NO.	LOOP TERMINAL	INPUT FILE POS.	PIN NO.	INPUT ASSIGNMENT NO.	DETECTOR NO.	NEMA PHASE	CALL	EXTEND	FULL TIME DELAY	STRETCH TIME	DELAY TIME
1A	TB2-1,2	11U	56	18	1	1	Y	Y			
1B	TB2-5,6	12U	39	1	2	1	Y	Y			
1C	TB2-7,8	12L	43	5	12	1	Y	Y			15
2A	TB2-9,10	13U	63	25	32	2	Y	Y			
2B	TB2-11,12	13L	76	38	42	2	Y	Y			
3A	TB4-5,6	15U	58	20	3	3	Y	Y			3
3B	TB4-9,10	16U	41	3	4	3	Y	Y			5
3C	TB4-11,12	16L	45	7	14	3	Y	Y			20
4A	TB6-1,2	17U	65	27	34	4	Y	Y			
4B	TB6-3,4	17L	78	40	44	4	Y	Y			
5A	TB3-1,2	J1U	55	17	5	5	Y	Y			
6A	TB3-5,6	J2U	40	2	6	6	Y	Y			
6B	TB3-7,8	J2L	44	6	16	6	Y	Y			

INPUT FILE POSITION LEGEND: J2L



THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 13-0457
 DESIGNED: July 2016
 SEALED: 9/12/2016
 REVISED:

Electrical Detail

Electrical and Programming Details For: NC 191 (Brevard Road) at NC 112 (Sardis Road) /Ridgefield Blvd.

Prepared In the Offices of: **TRANSPORTATION MOBILITY AND SAFETY CONSULTANTS** (Seal of the State of North Carolina, Professional Engineer, Zachary M. Little, License No. 030530)

Division 13 Buncombe County Asheville

PLAN DATE: September 2016 REVIEWED BY: T. Joyce

PREPARED BY: C. Strickland REVIEWED BY:

REVISIONS: _____ INIT. DATE

DocuSigned by: **Zachary M. Little** 9/15/2016

750 N. Greenfield Pkwy, Garner, NC 27529

SIG. INVENTORY NO. 13-0457

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

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