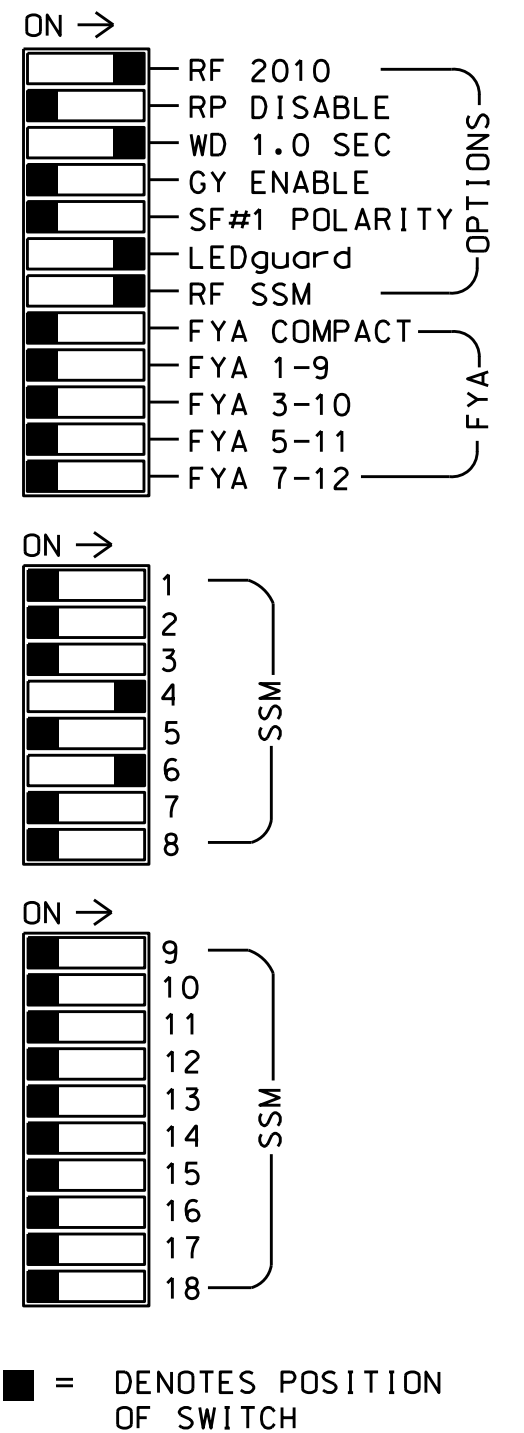
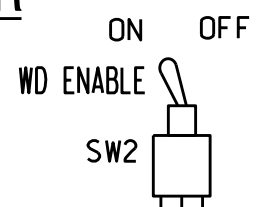
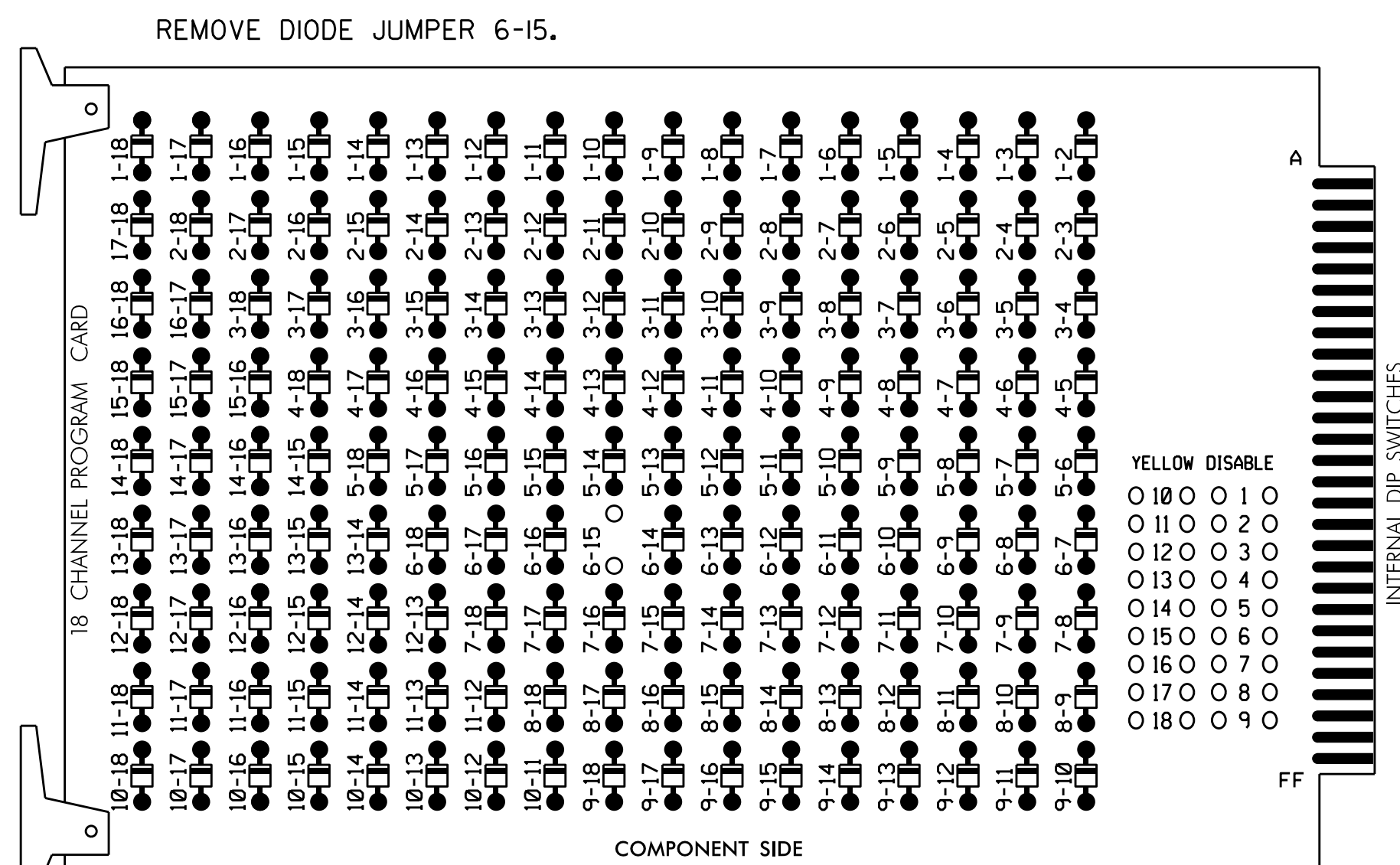


**EDI MODEL 2018ECLip-NC CONFLICT MONITOR
PROGRAMMING DETAIL**

(remove jumper 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 4 and 6 for Red Rest.
- Program phase 6 for Gap Reduction.
- Do not program any Startup Phases. This will ensure the controller starts up in an All Red Interval.
- Program phase 6 for First Phases.
- Program phase 6 for Startup Ped Call.
- The cabinet and controller are part of the Winston-Salem Signal System.

EQUIPMENT INFORMATION

CONTROLLER.....2070
 CABINET.....332
 SOFTWARE.....ECONOLITE OASIS
 CABINET MOUNT.....BASE
 OUTPUT FILE POSITIONS...12
 LOAD SWITCHES USED.....S5,S8,S9
 PHASES USED.....4,6,PED
 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	NU	NU	NU	41,42	43	NU	NU	62,63	64	P61, P62	NU
RED					101	101			134			
YELLOW					102				135			
GREEN												
RED ARROW									134			
YELLOW ARROW					102				135			
GREEN ARROW					103	103			136	136		
Hand icon										119		
Walker icon											121	

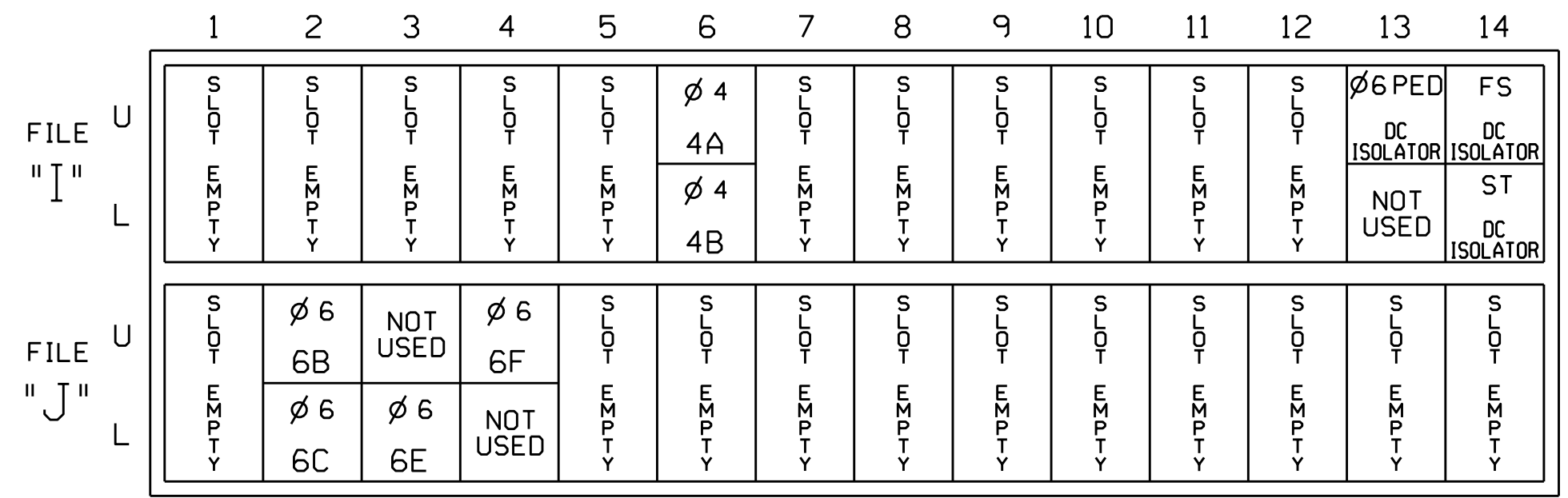
NU = Not Used

COUNTDOWN PEDESTRIAN SIGNAL OPERATION

Countdown Ped Signals are required to display timing only during Ped Clearance Interval. Consult Ped Signal Module user's manual for instructions on selecting this feature.

INPUT FILE POSITION LAYOUT

(front view)

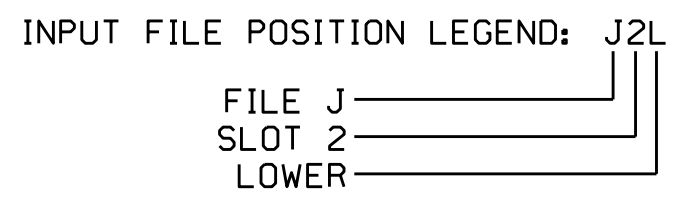


EX.: 1A, 2A, ETC. = LOOP NO.'S
 FS = FLASH SENSE
 ST = STOP TIME

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
4A	TB4-9,10	I6U	41	3	4	4	Y	Y			
4B	TB4-11,12	I6L	45	7	14	4	Y	Y			
6B	TB3-5,6	J2U	40	2	6	6	Y	Y			
6C	TB3-7,8	J2L	44	6	16	6	Y	Y			
6E	TB3-11,12	J3L	77	39	46	6	Y	Y	Y	2.0	5
6F	TB5-1,2	J4U	48	10	26	6	Y	Y	Y	2.0	5
PED PUSH BUTTONS											
P61,P62	TB8-7,9	I13U	68	30	PED 6	6 PED					

NOTE:
 INSTALL DC ISOLATOR IN INPUT FILE SLOT I13.



THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 09-0740T
 DESIGNED: May 2021
 SEALED: 7/12/2021
 REVISED: N/A

Electrical Detail - Temporary Design (TMP Phase 3)

Electrical and Programming Details for: **SR 4315 (Kernersville Road) at I-74 WB Ramps**

Prepared In the Offices of: **Signal Management Solutions**

Division 9 Forsyth County Winston-Salem

PLAN DATE: June 2021 REVIEWED BY:

PREPARED BY: S. Armstrong REVIEWED BY:

REVISIONS INIT. DATE

DocuSigned by: **Ryan W. Hough** 7/14/2021

750 N. Greenfield Pkwy, Garner, NC 27529

SIG. INVENTORY NO. 09-0740T

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