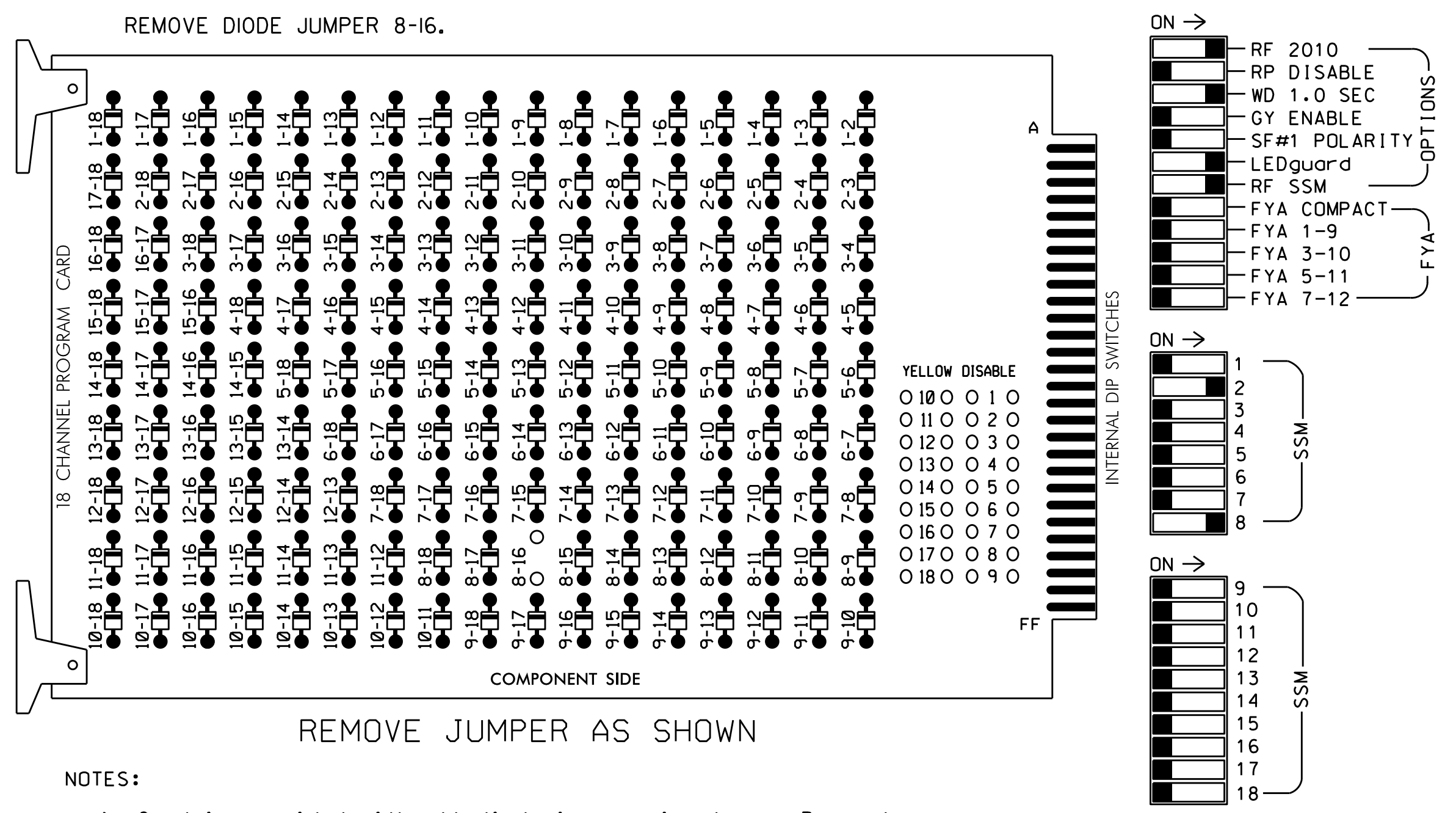


EDI MODEL 2018ECLIP-NC CONFLICT MONITOR PROGRAMMING DETAIL

(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 2 and 8 for Red Rest.
- Program phases 2 for Gap Reduction.
- Do not program any Startup Phases. This will ensure the controller starts up in an All Red Interval.
- Program phase 2 for First Phases.
- Program phase 8 for Startup Ped Call.
- The cabinet and controller are part of the Winston-Salem Signal System.

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	22,23	24	NU	NU	NU	NU	NU	NU	NU	81,82	83	P81, P82
RED		128									107	107	
YELLOW		129									108		
GREEN													
RED ARROW			128										
YELLOW ARROW			129								108		
GREEN ARROW		130	130								109	109	
Hand icon													110
Walking person icon													112

NU = Not Used

EQUIPMENT INFORMATION

CONTROLLER.....2070
 CABINET.....332
 SOFTWARE.....ECONOLITE OASIS
 CABINET MOUNT.....BASE
 OUTPUT FILE POSITIONS...12
 LOAD SWITCHES USED.....S2,S11
 PHASES USED.....2,8
 OVERLAPS.....NONE

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)

FILE	U	2	3	4	5	6	7	8	9	10	11	12	13	14
"I"	S	2B	NOT USED	2F	S	S	S	S	S	S	S	NOT USED	FS	DC ISOLATOR
	S	2C	2E	NOT USED	S	S	S	S	S	S	S	8 PED	ST	DC ISOLATOR
"J"	S	S	S	S	S	8A	S	S	S	S	S	S	S	S
	S	S	S	S	S	8B	S	S	S	S	S	S	S	S

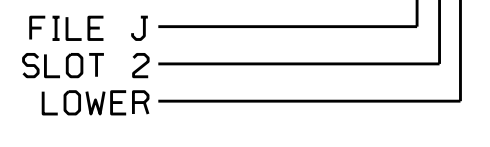
EX.: 1A, 2A, ETC. = LOOP NO.'S
 FS = FLASH SENSE
 ST = STOP TIME

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
2B	TB2-5,6	I2U	39	1	2	2	Y	Y			
2C	TB2-7,8	I2L	43	5	12	2	Y	Y			
2E	TB2-11,12	I3L	76	38	42	2	Y	Y	Y	2.0	5
2F	TB4-1,2	I4U	47	9	22	2	Y	Y	Y	2.0	5
8A	TB5-9,10	J6U	42	4	8	8	Y	Y			
8B	TB5-11,12	J6L	46	8	18	8	Y	Y			
PED PUSH BUTTONS											
P81,P82	TB8-8,9	I13L	70	32	PED 8	8 PED					

NOTE:
 INSTALL DC ISOLATOR IN INPUT FILE SLOT I13.

INPUT FILE POSITION LEGEND: J2L



THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 09-0741T
 DESIGNED: May 2021
 SEALED: 7/12/2021
 REVISED: N/A

12-JUL-2021 1:44:11 S:\TSS\115\Sig\Work\housas\Sig_Mon\Projects From Signal_Design\Active Projects\armstrong\115 Projects\U-2579AB_09-0740 and 0741 div project\09-0741\090741_sml.ele.xxx.dgn sarminstrong

Electrical Detail - Temporary Design (TMP, Phase 3)

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

Prepared In the Offices of: **W. Greenfield Pkwy, Garner, NC 27529**

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

SIG. INVENTORY NO. 09-0741T

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

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