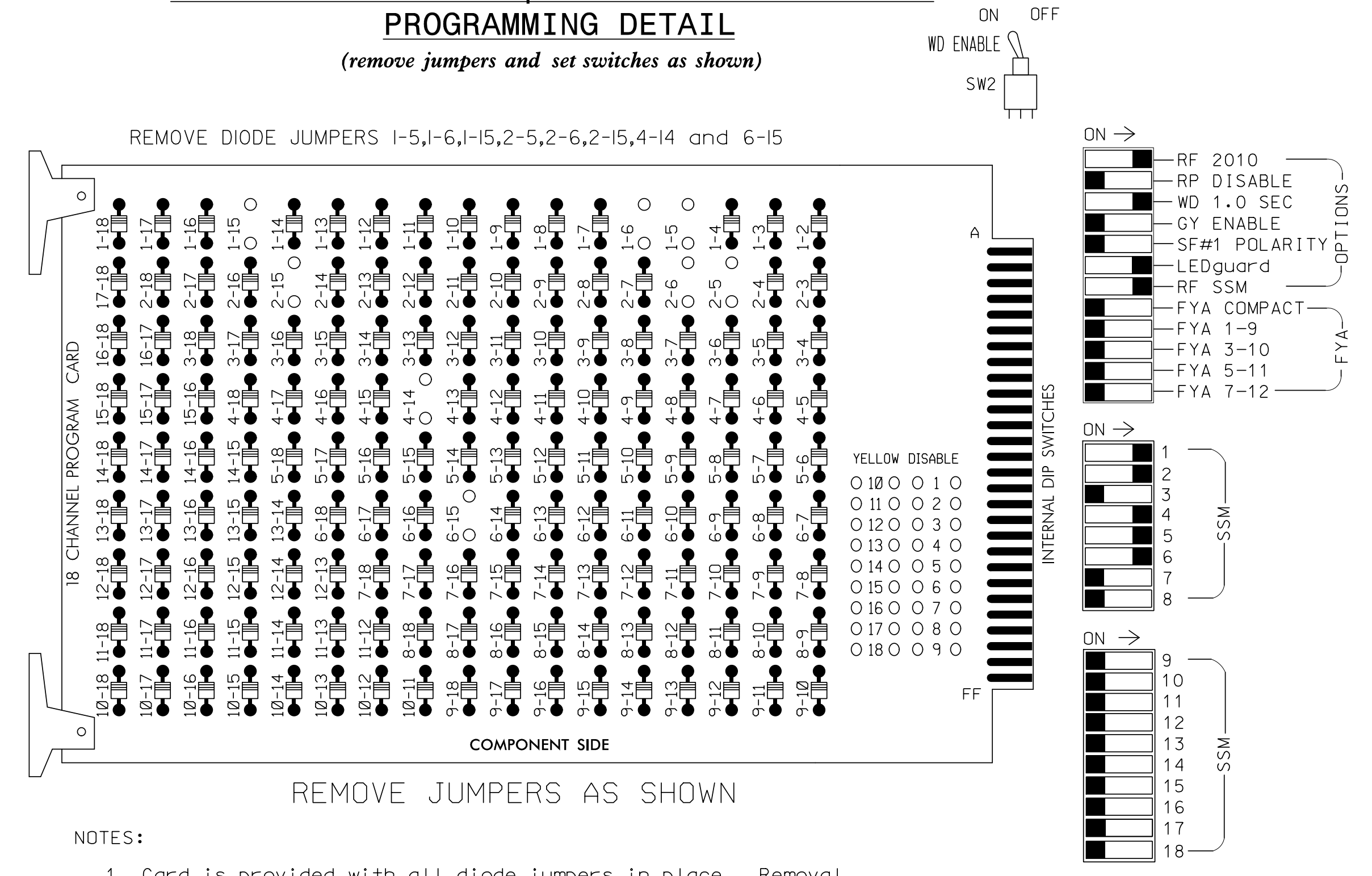


EDI MODEL 2018ECLip-NC CONFLICT MONITOR PROGRAMMING DETAIL

(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 Walk.
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,S5,S6,S7,S8,S9
 PHASES USED.....1,2,4,4PED,5,6,6PED
 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.	11	21,22	NU	NU	41,42	63	P41, P42	42	51	61,62	P61, P62	NU
RED		128			101					134		
YELLOW		129			102					135		
GREEN		130			103					136		
RED ARROW	125								131			
YELLOW ARROW	126				102		132	132				
GREEN ARROW	127				103		133	133				
Hand							104			119		
Walker							106			121		

NU = Not Used

INPUT FILE POSITION LAYOUT

(front view)

FILE U	1	2	3	4	5	6	7	8	9	10	11	12	13	14
U	∅ 1A	∅ 2/SYS 2A/S2A	∅ 2/SYS 2C/S2C	∅ 4A	∅ 5A	∅ 5B	∅ 6/SYS 6A/S6A	∅ 6/SYS 6C/S6C	∅ 6 PED	FS	∅ 4 PED	DC ISOLATOR	DC ISOLATOR	DC ISOLATOR
L	NOT USED	∅ 2/SYS 2B/S2B	NOT USED	NOT USED	∅ 5A	∅ 5B	∅ 6/SYS 6A/S6A	∅ 6/SYS 6C/S6C	∅ 4 PED	NOT USED	DC ISOLATOR	DC ISOLATOR	DC ISOLATOR	DC ISOLATOR
U	∅ 5A	∅ 5B	∅ 6/SYS 6A/S6A	∅ 6/SYS 6C/S6C	∅ 6 PED	FS	∅ 4 PED	DC ISOLATOR	DC ISOLATOR	DC ISOLATOR	DC ISOLATOR	DC ISOLATOR	DC ISOLATOR	DC ISOLATOR
L	NOT USED	∅ 6/SYS 6B/S6B	NOT USED	NOT USED	∅ 6 PED	FS	∅ 4 PED	DC ISOLATOR	DC ISOLATOR	DC ISOLATOR	DC ISOLATOR	DC ISOLATOR	DC ISOLATOR	DC ISOLATOR

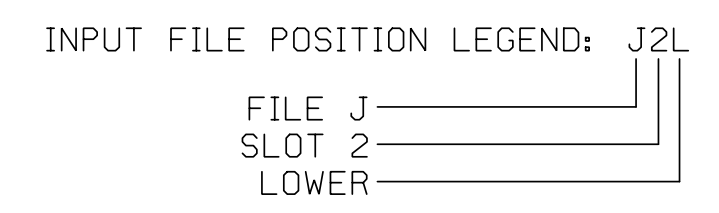
EX.: 1A, 2A, ETC. = LOOP NO.'S

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			S
2A/S2A	TB2-5,6	I2U	39	2	2	YES			N
2B/S2B	TB2-7,8	I2L	43	12	2	YES			N
2C/S2C	TB2-9,10	I3U	63	32	2	YES			N
4A	TB4-9,10	I6U	41	4	4	YES			S
5A	TB3-1,2	J1U	55	5	5	YES			S
5B	TB3-5,6	J2U	40	6	5	YES		20	S
6A/S6A	TB3-9,10	J3U	64	36	6	YES			N
6B/S6B	TB3-11,12	J3L	77	46	6	YES			N
6C/S6C	TB5-1,2	J4U	48	26	6	YES			N
PED PUSH BUTTONS									
P41,P42	TB8-5,6	I12L	69	PED 4	4 PED				
P61,P62	TB8-7,9	I13U	68	PED 6	6 PED				

NOTE:
 INSTALL DC ISOLATORS IN INPUT FILE SLOTS I12 AND I13.



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.

THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 06-0356
 DESIGNED: November 2015
 SEALED: 5/11/2016
 REVISED:

8/11/2016 K:\MAIL_TPT\K\SIGNALS\4011036345 Fayetteville File Electrical\060356-2016e.dgn Susan Pennington

Electrical Detail

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

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US 401 (Skibo Road) at Louise Street

Division 6 Cumberland County Fayetteville

PLAN DATE: June 2016 REVIEWED BY: KP Baumann

PREPARED BY: SP Pennington REVIEWED BY: SL Phillips

REVISIONS: INIT. DATE

8/11/2016

SIG. INVENTORY NO. 06-0356