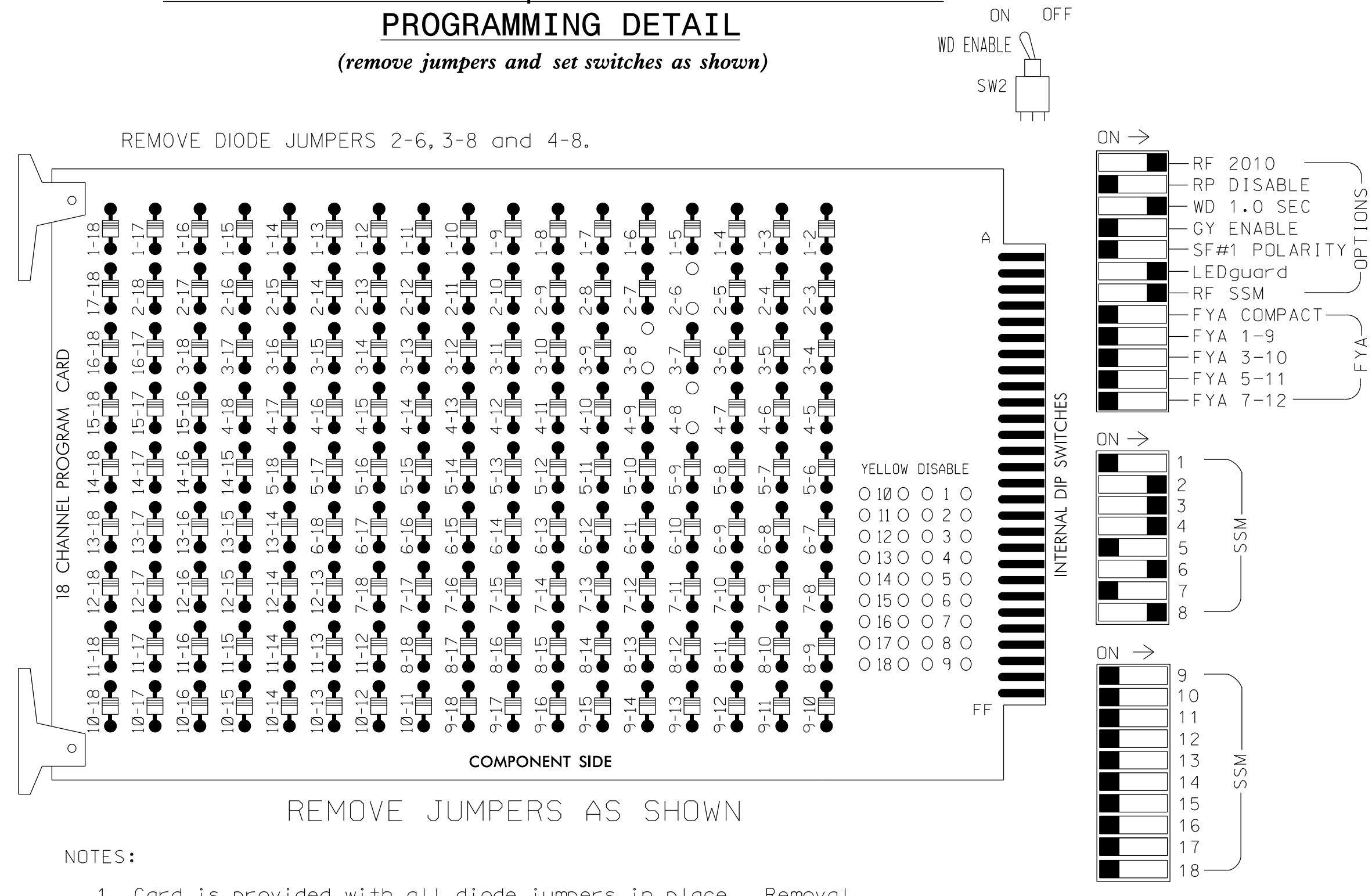


EDI MODEL 2018ECLip-NC CONFLICT MONITOR
PROGRAMMING DETAIL

(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.
- Program phases 2 and 6 for Yellow Flash.
- Enable Simultaneous Gap-Out for all phases.
- Program controller to start up in phase 2 Green and 6 Green.
- 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.....S2,S5,S8,S11
 PHASES USED.....2,4,6,8
 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	21,22	NU	82	41,42,43	NU	NU	61,62	NU	NU	81,83	82	NU
RED		128		*	101			134			107	107	
YELLOW		129		*	102			135			108	108	
GREEN		130			103			136			109	109	
RED ARROW													
YELLOW ARROW													
GREEN ARROW				118									
Hand icon													
Person icon													

NU = Not Used

* Denotes install load resistor. See load resistor installation detail this sheet.

INPUT FILE POSITION LAYOUT

(front view)

FILE "I"	1	2	3	4	5	6	7	8	9	10	11	12	13	14
U	∅	2A	∅	∅	∅	4A	∅	∅	∅	∅	∅	∅	∅	FS
L	∅	2B	∅	∅	∅	NOT USED	∅	∅	∅	∅	∅	∅	∅	DC ISOLATOR ST
U	∅	6A	∅	∅	∅	8A	∅	∅	∅	∅	∅	∅	∅	PRE1
L	∅	6B	∅	∅	∅	NOT USED	∅	∅	∅	∅	∅	∅	∅	AC ISOLATOR PRE2

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

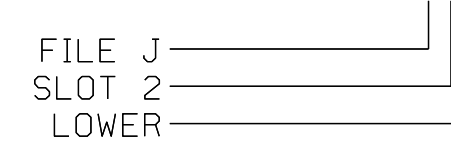
FS = FLASH SENSE
 ST = STOP TIME

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
2A	TB2-5,6	I2U	39	2	2	YES			S
2B	TB2-7,8	I2L	43	12	2	YES			S
4A	TB4-9,10	I6U	41	4	4	YES			S
6A	TB3-5,6	J2U	40	6	6	YES			S
6B	TB3-7,8	J2L	44	16	6	YES			S
8A	TB5-9,10	J6U	42	8	8	YES			S

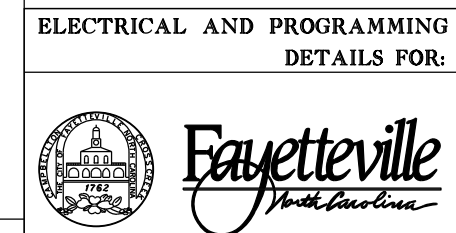
* System detector only. Remove any assigned vehicle phase.

INPUT FILE POSITION LEGEND:



THIS ELECTRICAL DETAIL IS FOR
 THE SIGNAL DESIGN: C029
 DESIGNED: NOVEMBER 2016
 SEALED: 11/18/2016
 REVISED:

Electrical Detail Sheet 1 of 2

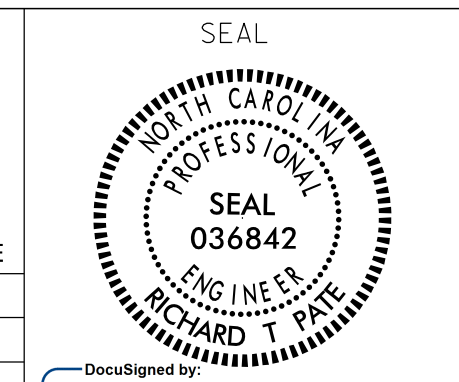


Winslow Street at Blount Street

DIV 06 CUMBERLAND COUNTY FAYETTEVILLE

PLAN DATE: NOVEMBER 2016 REVIEWED BY: RWT

PREPARED BY: RTP REVIEWED BY:



REVISIONS	INIT.	DATE

DocuSigned by: Richard T Pate 11/21/2016

SIGNATURE DATE

SIG. INVENTORY NO. C029

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