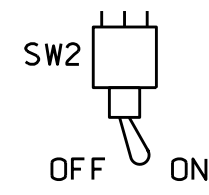


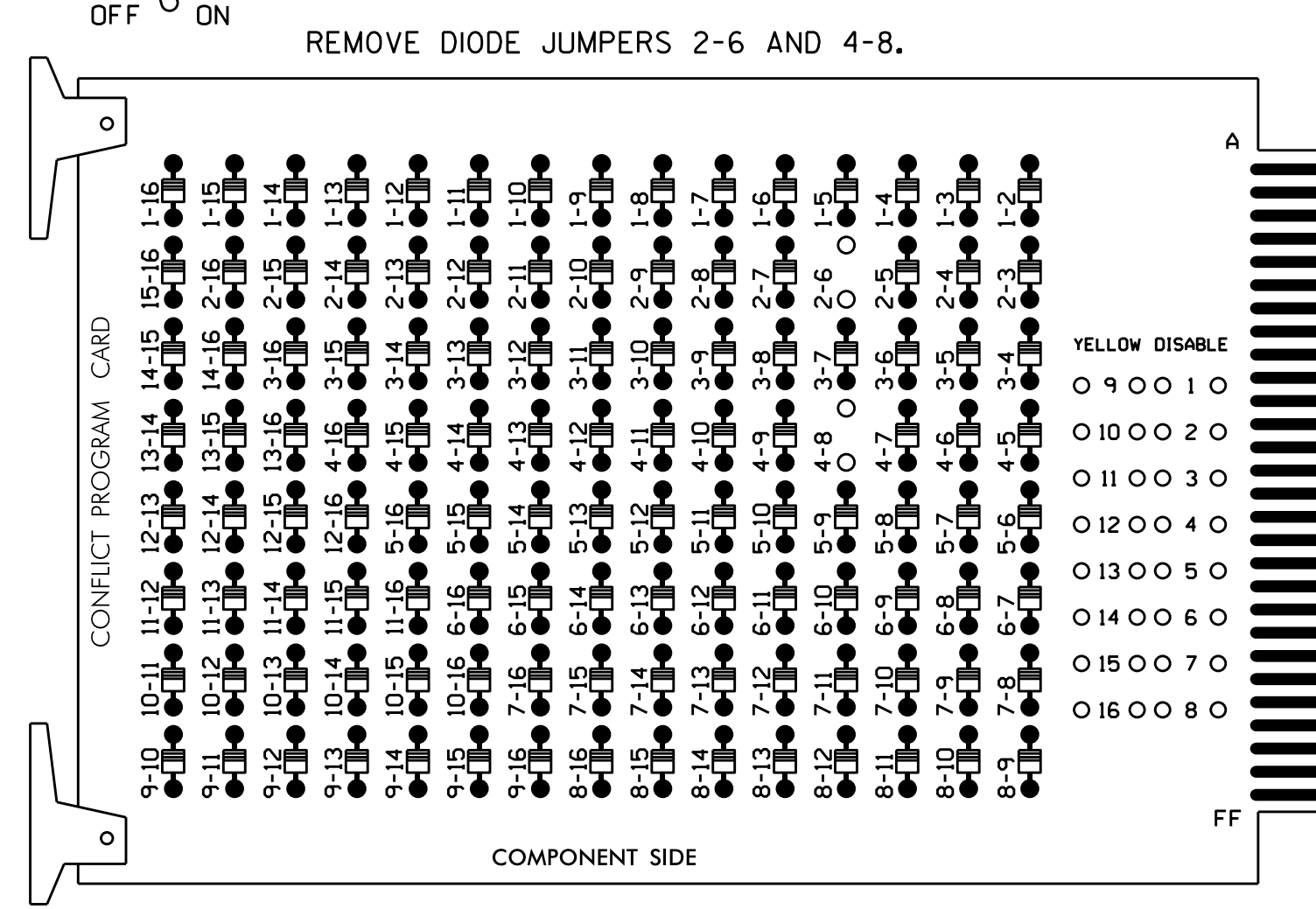
**EDI MODEL 2010ECL-HCK CONFLICT MONITOR**

**PROGRAMMING DETAIL**

WD ENABLE

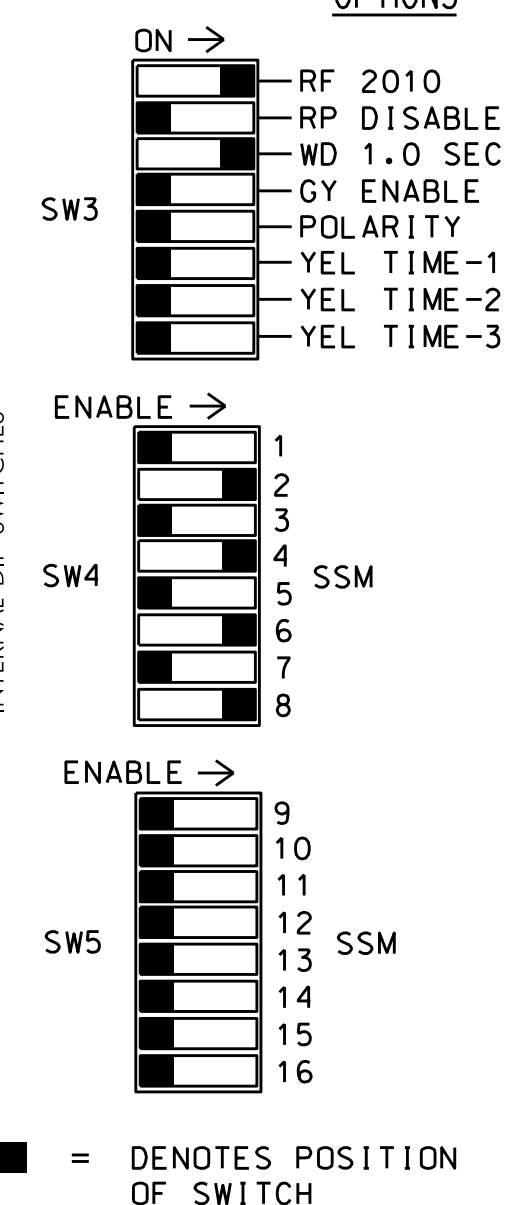


(remove jumpers and set switches as shown)



REMOVE JUMPERS AS SHOWN

**OPTIONS**



■ = DENOTES POSITION OF SWITCH

**NOTES:**

- Card is provided with all diode jumpers in place. Removal of any jumper allows its channels to run concurrently.
- Make sure jumpers SEL2-SEL5 are present on the monitor board.

**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.
- Ensure that Red Enable is active at all times during normal operation. To prevent Red Failures on unused monitor channels, tie unused red monitor inputs 1,3,5,7,9,10,11,12,13,14,15 & 16 to load switch AC+ per the cabinet manufacturer's instructions.
- Program phases 4 and 8 for Dual Entry.
- Enable Simultaneous Gap-Out for all phases.
- 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 US 701 Bus. (Clinton) Closed Loop System.

**EQUIPMENT INFORMATION**

CONTROLLER.....2070  
CABINET.....336  
SOFTWARE.....ECONOLITE OASIS  
CABINET MOUNT.....POLE  
OUTPUT FILE POSITIONS...12  
LOAD SWITCHES USED.....S2,S4,S6,S8  
PHASES USED.....2,4,6,8  
OVERLAPS.....NONE

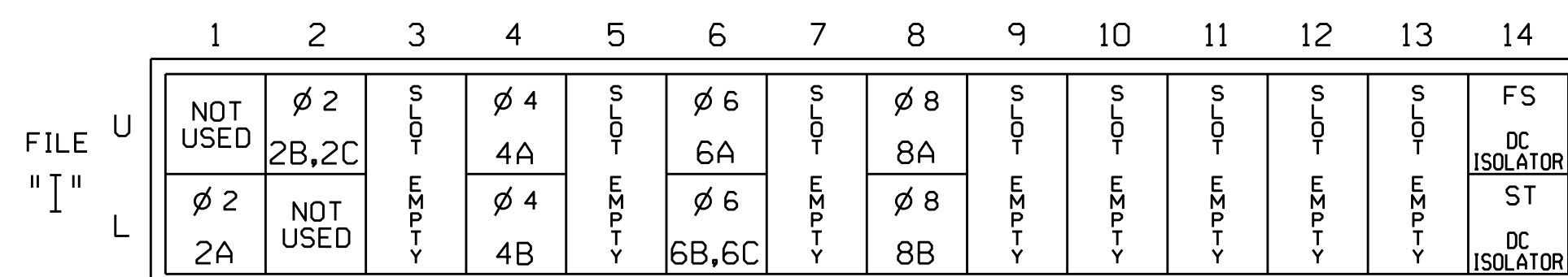
**SIGNAL HEAD HOOK-UP CHART**

LOAD SWITCH NO.	S1	S2	S2P	S3	S4	S4P	S5	S6	S6P	S7	S8	S8P
PHASE	1	2	2 PED	3	4	4 PED	5	6	6 PED	7	8	8 PED
SIGNAL HEAD NO.	NU	21,22	NU	NU	41,42	NU	NU	61,62	NU	NU	81,82	NU
RED		128			101			134			107	
YELLOW		129			102			135			108	
GREEN		130			103			136			109	
RED ARROW												
YELLOW ARROW												
GREEN ARROW												

NU = Not Used

**INPUT FILE POSITION LAYOUT**

(front view)



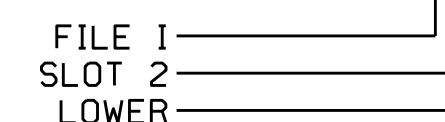
EX.: 1A, 2A, ETC. = LOOP NO.'S

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
2A	TB23-1,2	I1L	47	9	22	2	Y	Y			
2B,2C	TB21-3,4	I2U	39	1	2	2	Y	Y			
4A	TB21-7,8	I4U	41	3	4	4	Y	Y			3
4B	TB23-7,8	I4L	45	7	14	4	Y	Y			10
6A	TB21-11,12	I6U	40	2	6	6	Y	Y			
6B,6C	TB23-11,12	I6L	44	6	16	6	Y	Y			
8A	TB22-1,2	I8U	42	4	8	8	Y	Y			
8B	TB24-1,2	I8L	46	8	18	8	Y	Y			10

INPUT FILE POSITION LEGEND: I2L



THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 03-0360  
DESIGNED: March 2017  
SEALED: 4-26-17  
REVISED: N/A

**Electrical Detail**

ELECTRICAL AND PROGRAMMING DETAILS FOR: **US 701 Bus. (Northeast Blvd.) at Smith Street / Jordan Plaza**

Prepared In the Offices of: **TRANSPORTATION MOBILITY AND SAFETY SOLUTIONS**  
750 N. Greenfield Pkwy, Garner, NC 27529

Division 3 Sampson County Clinton

PLAN DATE: April 2017 REVIEWED BY: \_\_\_\_\_  
PREPARED BY: James Peterson REVIEWED BY: \_\_\_\_\_

REVISIONS: \_\_\_\_\_ INIT. DATE: \_\_\_\_\_

DocuSigned by: **Keith M. Mins** 5/4/2017  
SEAL 036880  
SIC. INVENTORY NO. 03-0360

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

04-MAY-2017 11:59 S:\IT\SIG\15\SIGNAL\work\hck\0360\_smc.e\_20141105.dgn J.peterson