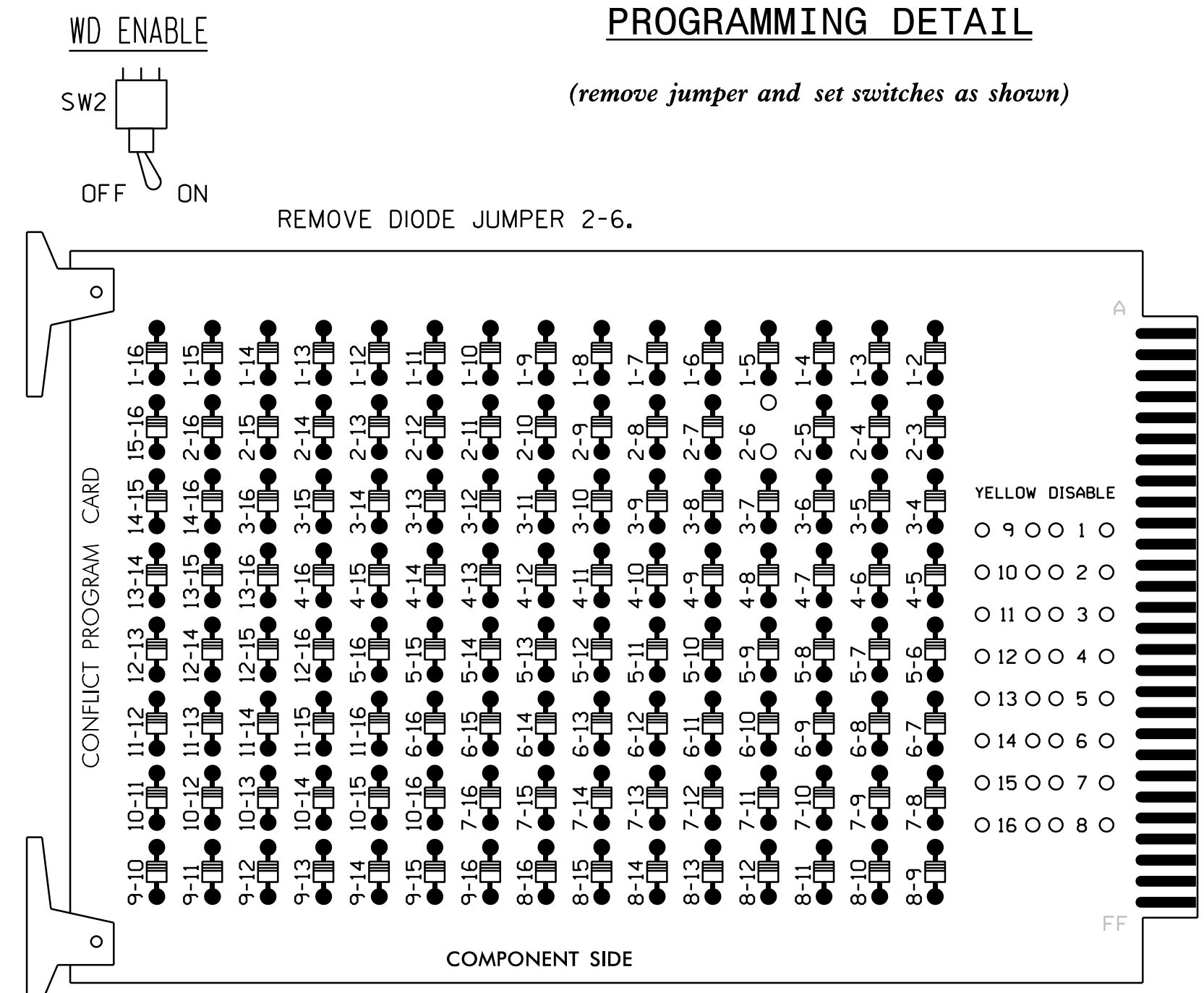
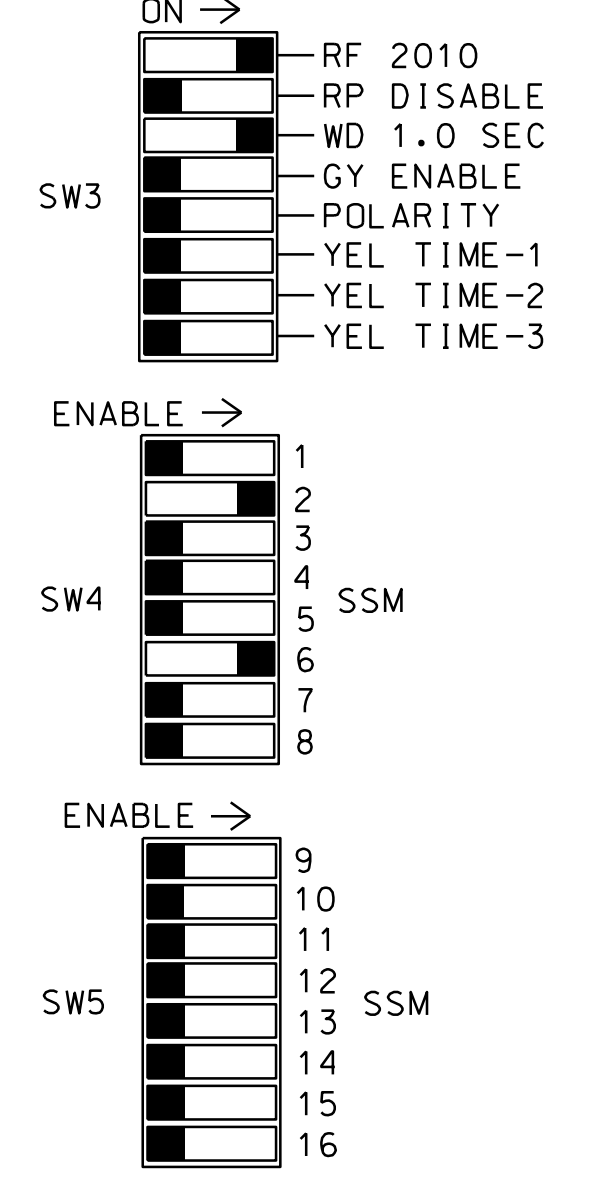


**EDI MODEL 2010ECL CONFLICT MONITOR**



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

**OPTIONS**



**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. To prevent red failures on unused monitor channels, see Red Monitor Board Programming Detail this sheet.
3. Program controller to start up in phases 2 and 6 green.
4. Enable Simultaneous Gap-Out, for all phases.
5. Program phases 2 and 6 for Yellow Flash.
6. The cabinet and controller are part of the Wilmington Signal System.

**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	21,22,23	*	NU	NU	NU	NU	61,62,63	NU	NU	81,82	NU
RED		128						134			107	
YELLOW		129						135			108	
GREEN											109	
RED ARROW												
YELLOW ARROW												
GREEN ARROW												

8' FLASHING YELLOW → 130      8' FLASHING YELLOW → 136  
 NU = Not Used  
 \* See Lamp Notes (Sheet 2 of 2)

**EQUIPMENT INFORMATION**

CONTROLLER.....2070  
 CABINET.....332  
 SOFTWARE.....ECONOLITE OASIS  
 CABINET MOUNT.....BASE  
 OUTPUT FILE POSITIONS...12  
 LOAD SWITCHES USED.....S2,S2P\*\*,S6,S8  
 PHASES USED.....2,6,8\*  
 OVERLAPS.....NONE  
 \* USED DURING PREEMPT ONLY  
 \*\* USED FOR PILOT LAMP

**PREEMPT ONLY PHASE OMIT NOTE**

*(program controller as noted below)*  
 From Main Menu press '2' (Phase Control), then '1' (Phase Control Functions). Program phase 8 for 'Omit Phase' and phases 2 and 6 for 'Startup Calls'. This is to prevent phase 8 from being served when not in Preempt.

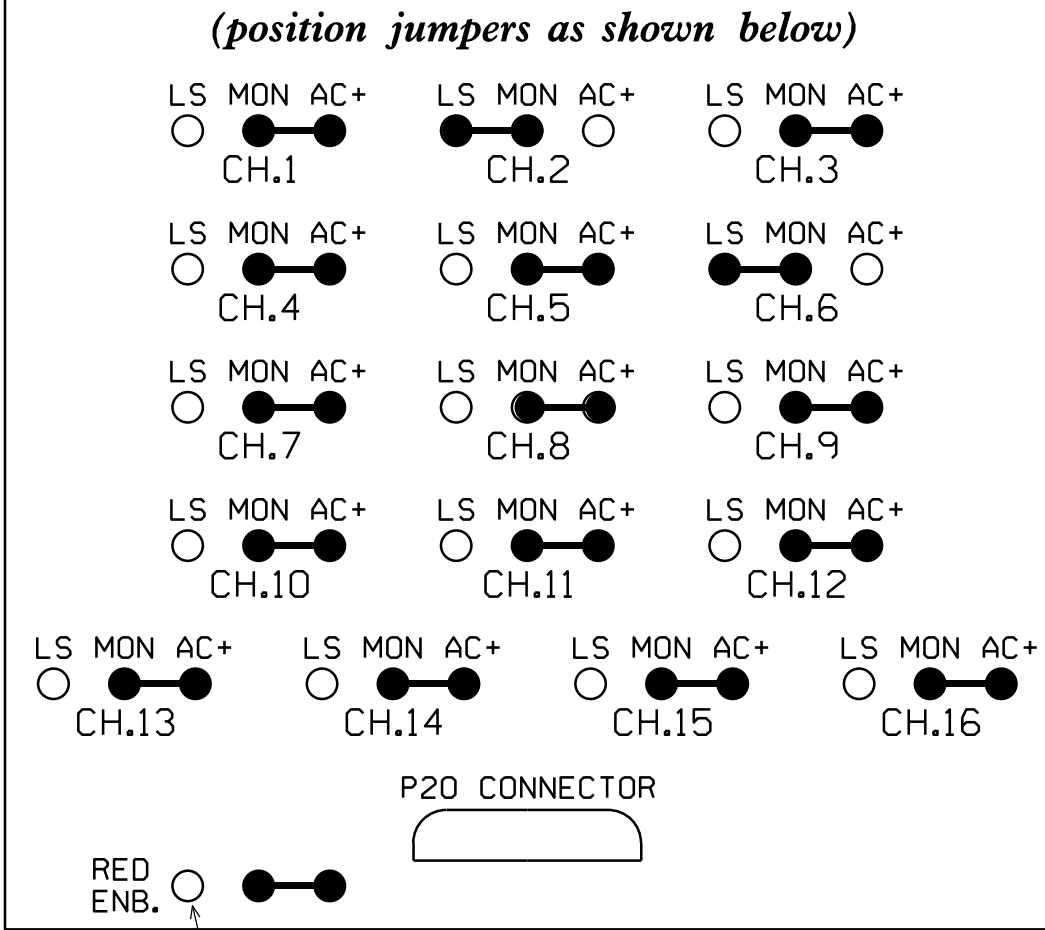
**INPUT FILE POSITION LAYOUT**

(front view)

	1	2	3	4	5	6	7	8	9	10	11	12	13	14
FILE "I"	U	U	U	U	U	U	U	U	U	U	U	U	U	FS
														DC ISOLATOR
														ST
														DC ISOLATOR
FILE "J"	U	U	U	U	U	U	U	U	U	U	U	U	U	NOT USED
														PRE-2
														AC ISOLATOR

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

**RED MONITOR BOARD PROGRAMMING**



**IN-CYCLE FLASH PROGRAMMING NOTE**

*(program controller as noted below)*  
 From Main Menu press '2' (Phase Control), then '1' (Phase Control Functions). Program phases 2 and 6 for 'Green Int Flash'. This is done to flash phases 2 and 6 yellow when not in Preempt.

THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 03-0946  
 DESIGNED: Nov 2021  
 SEALED: 11/08/2021  
 REVISED: N/A

Electrical Detail  
 Sheet 1 of 2

	ELECTRICAL AND PROGRAMMING DETAILS FOR:		US 17 (Military Cutoff Road) at Wilmington Fire Station #9		
	PLAN DATE: November 2021      REVIEWED BY: WJ Hamilton		Division 3 New Hanover County      Wilmington		
PREPARED BY: A. Andrews      RKA PROJ. NO.: 19258 (040)		REVISIONS		INIT.      DATE	
750 N. Greenfield Pkwy, Garner, NC 27529		DocuSigned by: William J. Hamilton		11/08/2021	
SIG. INVENTORY NO. 03-0946					