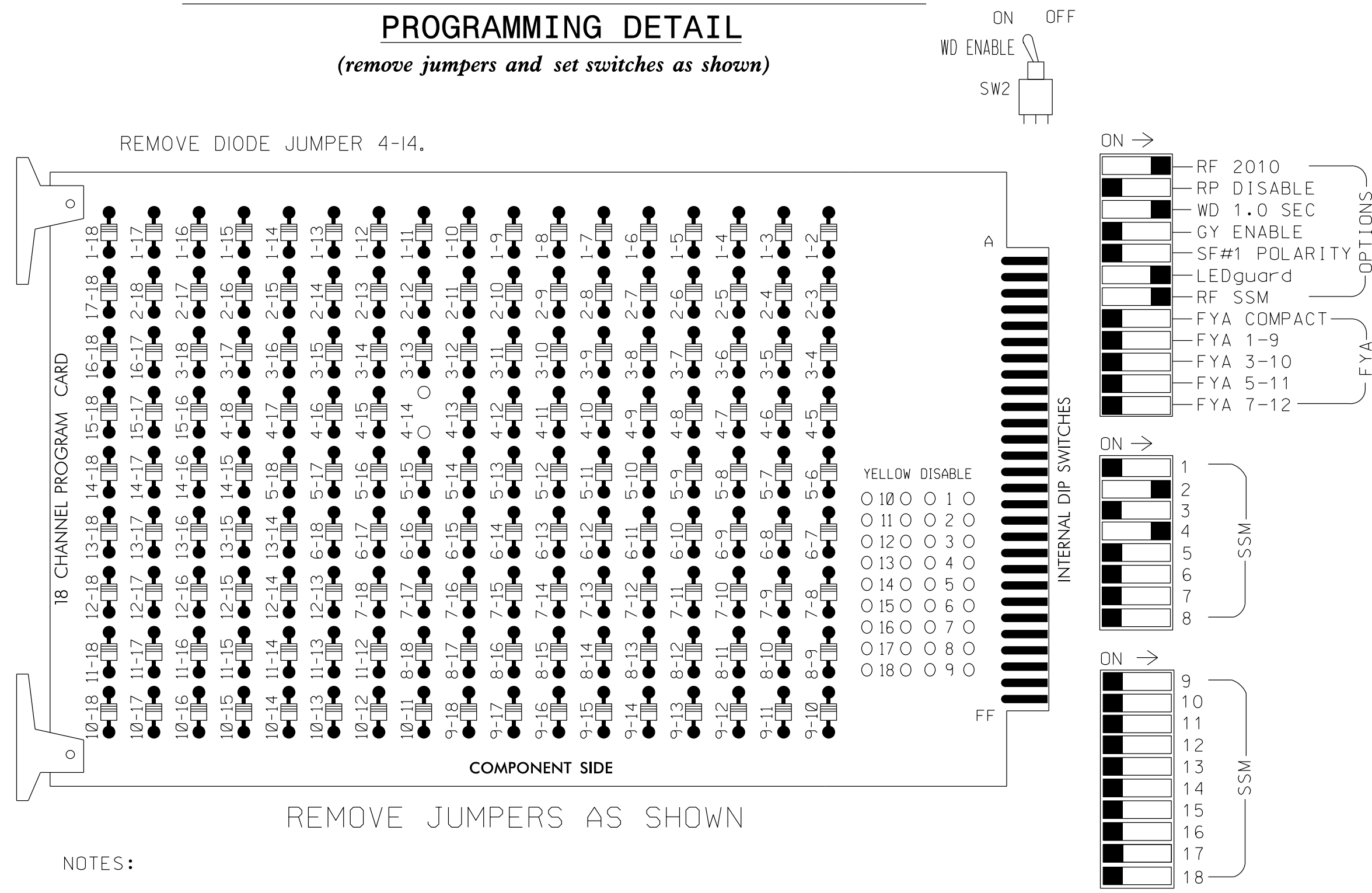


### EDI MODEL 2018ECL-NC CONFLICT MONITOR PROGRAMMING DETAIL

(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. Connect serial cable from conflict monitor to comm. port 1 of 2070 controller. Ensure conflict monitor communicates with 2070.

### 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 phase 2 for Start Up In Green.
4. Program phase 4 for 'STARTUP PED CALL'.
5. Program phase 2 for Yellow Flash.
6. The cabinet and controller are part of the High Point Signal System.

### EQUIPMENT INFORMATION

CONTROLLER.....2070E  
 CABINET.....332  
 SOFTWARE.....ECONOLITE OASIS  
 CABINET MOUNT.....BASE  
 OUTPUT FILE POSITIONS...12  
 LOAD SWITCHES USED.....S2,S5,S6  
 PHASES USED.....2,4,4 PED  
 OVERLAPS.....NONE

PROJECT REFERENCE NO.	SHEET NO.
C-5558	Fig. 217.1

### 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	NU	41,42	P41, P42	NU	NU	NU	NU	NU	NU
RED		128			101							
YELLOW					102							
GREEN					103							
RED ARROW												
YELLOW ARROW		129										
GREEN ARROW		130										
						104						
						106						

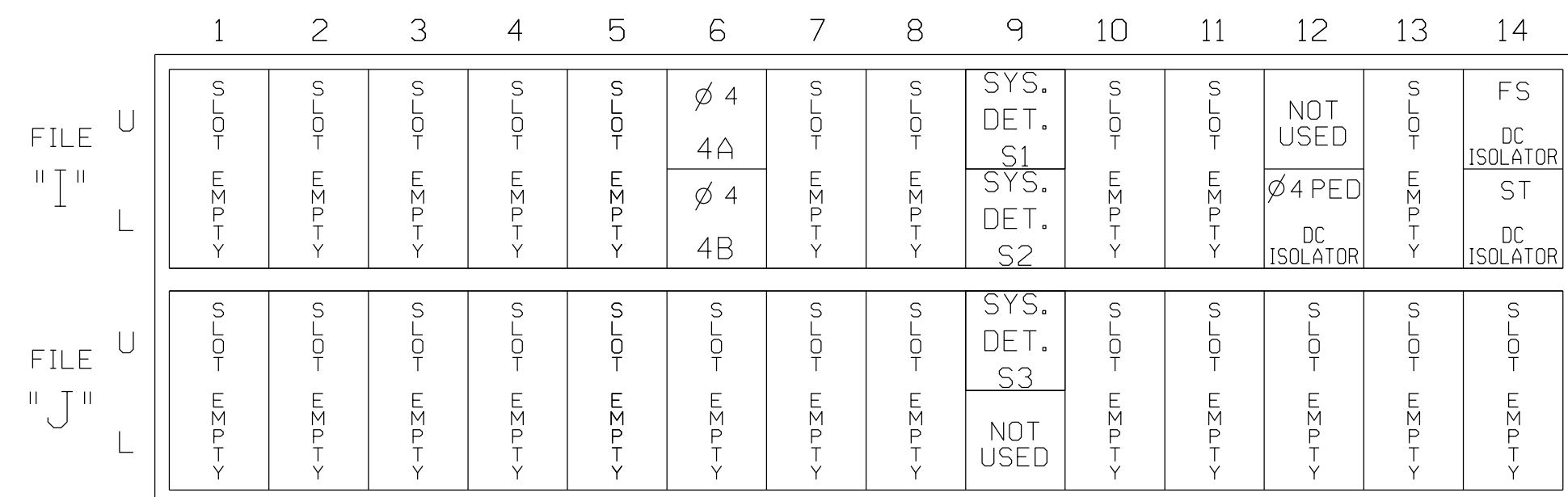
NU = Not Used

### 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)



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

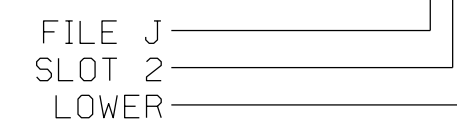
FS = FLASH SENSE  
 ST = STOP TIME  
 PRE = PREEMPT

### 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
4A	TB4-9,10	I6U	41	3	4	4	Y	Y			
4B	TB4-11,12	I6L	45	7	14	4	Y	Y			15
* S1	TB6-9,10	I9U	60	22	11	SYS	-	-			
* S2	TB6-11,12	I9L	62	24	13	SYS	-	-			
* S3	TB7-9,10	J9U	59	21	15	SYS	-	-			
PED PUSH BUTTONS											
P41,P42	TB8-5,6	I12L	69	31	PED 4	4 PED					

\* System detector only. Remove the vehicle phase assigned to this detector in the default programming.

### INPUT FILE POSITION LEGEND: J2L



THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: HP0828  
 DESIGNED: April 2014  
 SEALED: June 5, 2015  
 REVISED:

### Signal Upgrade

 North Carolina International City Department of Transportation 211 S. Hamilton Street High Point, NC 27260	<b>Parkway Avenue at Johnson Street</b>		SEAL  ENGINEER MELISSA B. TOTH
	Division 07 PLAN DATE: April 2014 PREPARED BY: AM Encarnacion	Guilford County REVIEWED BY: LM Moon REVIEWED BY: MB Toth	