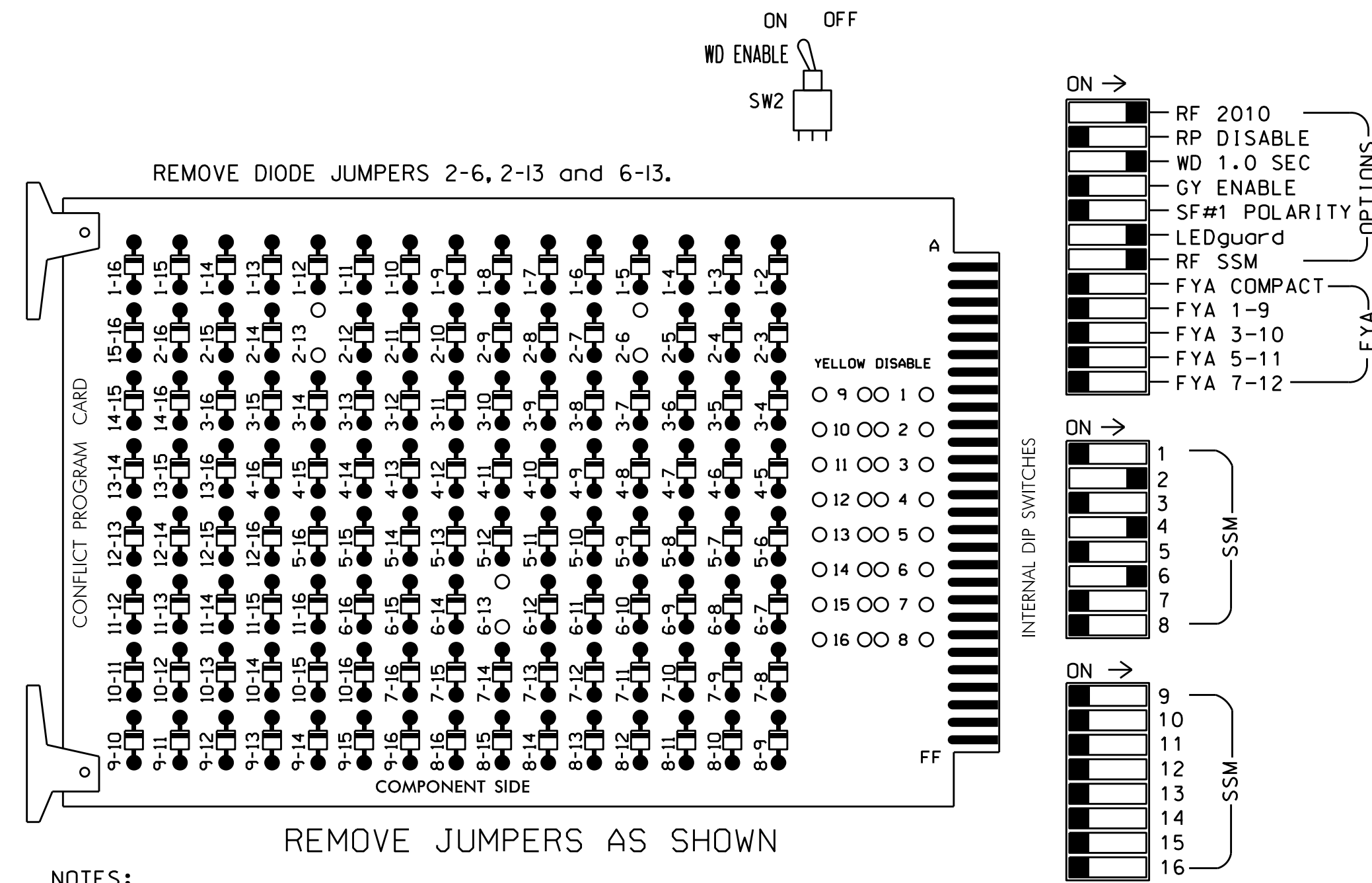


EDI MODEL 2018ECLIP-NC CONFLICT MONITOR PROGRAMMING DETAIL

(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.
- Make sure jumpers SEL2-SEL5 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.

■ = DENOTES POSITION OF SWITCH

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.
- Enable Simultaneous Gap-Out for all Phases.
- Program phases 2 and 6 for Startup In Green.
- Program phase 2 for Startup Ped Call.
- Program phases 2 and 6 for Yellow Flash.
- The cabinet and controller are part of the High Point Signal System.

EQUIPMENT INFORMATION

CONTROLLER.....2070
 CABINET.....332
 SOFTWARE.....ECONOLITE OASIS
 CABINET MOUNT.....BASE
 OUTPUT FILE POSITIONS...12
 LOAD SWITCHES USED.....S2,S3,S5,S8
 PHASES USED.....2,2 PED,4,6
 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 23,24	P21, P22	NU	41 42	NU	NU	61,62	NU	NU	NU	NU
RED		128			101 101			134				
YELLOW		129			102 102			135				
GREEN					103 103							
RED ARROW												
YELLOW ARROW												
GREEN ARROW		130			103			136				
Hand icon					113							
Person icon					115							

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 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	TB2-5,6	I2U	39	1	2	2	Y	Y		1.6	
2B	TB2-7,8	I2L	43	5	12	2	Y	Y		1.6	
2C	TB2-9,10	I3U	63	25	32	2	Y	Y			
2D	TB2-11,12	I3L	76	38	42	2	Y	Y			
2E	TB4-1,2	I4U	47	9	22	2	Y	Y			
2F	TB4-5,6	I5U	58	20	3	2	Y	Y			
4A	TB4-9,10	I6U	41	3	4	4	Y	Y			
4B	TB4-11,12	I6L	45	7	14	4	Y	Y			
2G	TB6-9,10	I9U	60	22	11	2	Y	Y			
2H	TB6-11,12	I9L	62	24	13	2	Y	Y			
★ 6A	TB3-5,6	J2U	40	2	6	6	Y	Y		1.6	
6B	TB3-9,10	J3U	64	26	36	6	Y	Y			
6C	TB3-11,12	J3L	77	39	46	6	Y	Y			
* S1	TB7-9,10	J9U	59	21	15	SYS					
* S2	TB7-11,12	J9L	61	23	17	SYS					
PED PUSH BUTTONS											
P21,P22	TB8-4,6	I12U	67	29	PED 2	2 PED					

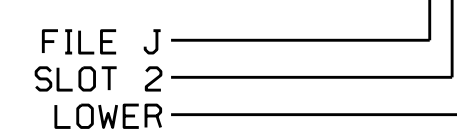
NOTE:

INSTALL DC ISOLATOR IN INPUT FILE SLOT I12.

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

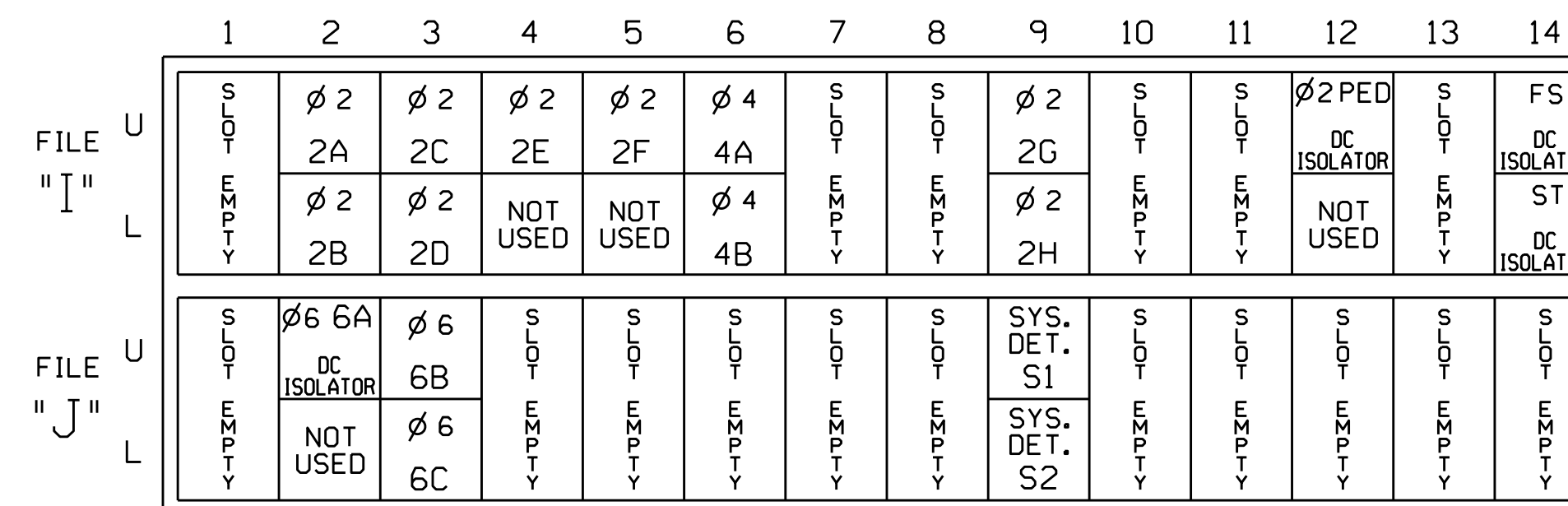
★ Microwave Pulse Detector (See Wiring Detail Sheet 2).

INPUT FILE POSITION LEGEND: J2L



INPUT FILE POSITION LAYOUT

(front view)



* Note: Install a model 242 DC isolator in slot J2 for use with microwave detector. See the Microwave Detector Wiring Detail on sheet 2.

IMPORTANT: For proper operation of the microwave detector, remove surge protection from TB3-5 and TB3-6, and from TB3-7 and TB3-8.

Electrical Detail Sheet 1 of 2

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

Project #: 170908

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Prepared for:

 NC 68 (Eastchester Drive)
 at
 I-74 EB/ US 311 SB Ramps

Division 7 Guilford County High Point

PLAN DATE: May 2018 REVIEWED BY: L. Boyer
 PREPARED BY: A. Ravipati REVIEWED BY: R. Hinshaw

REVISIONS INIT. DATE

DocuSigned by:
 R. Royal Hinshaw 05/18/2018
 DATE

SIG. INVENTORY NO. 07-1624