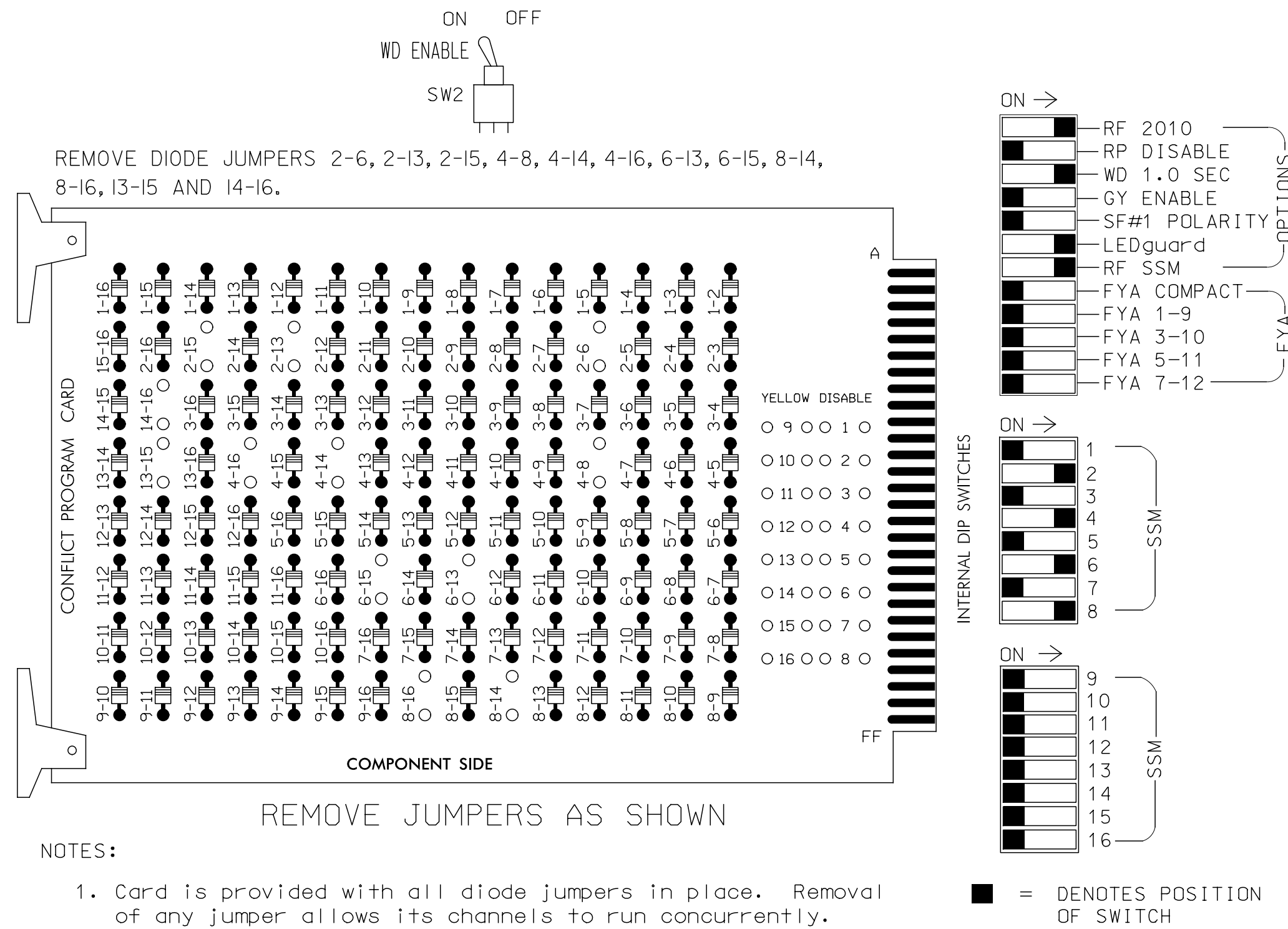


### EDI MODEL 2010ECL-NC CONFLICT MONITOR PROGRAMMING DETAIL

(remove jumpers and set switches as shown)



### 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, 4, 6 and 8 for 'STARTUP PED CALL'.
- Program phases 2 and 6 for Yellow Flash.
- The cabinet and controller are part of the City of Brevard 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	22,23	P21, P22	NU	41,42	P41, P42	NU	61,62	P61, P62	NU	81,82	P81, P82
RED		128			101			134			107	
YELLOW		129			102			135			108	
GREEN		130			103			136			109	
RED ARROW												
YELLOW ARROW												
Hand			113		104			119				110
Walking			115		106			121				112

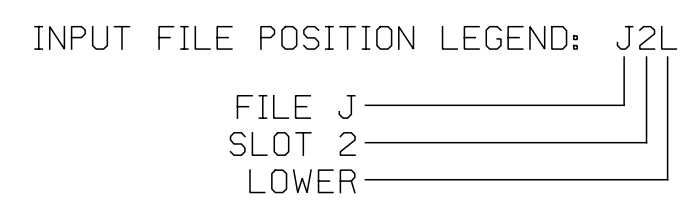
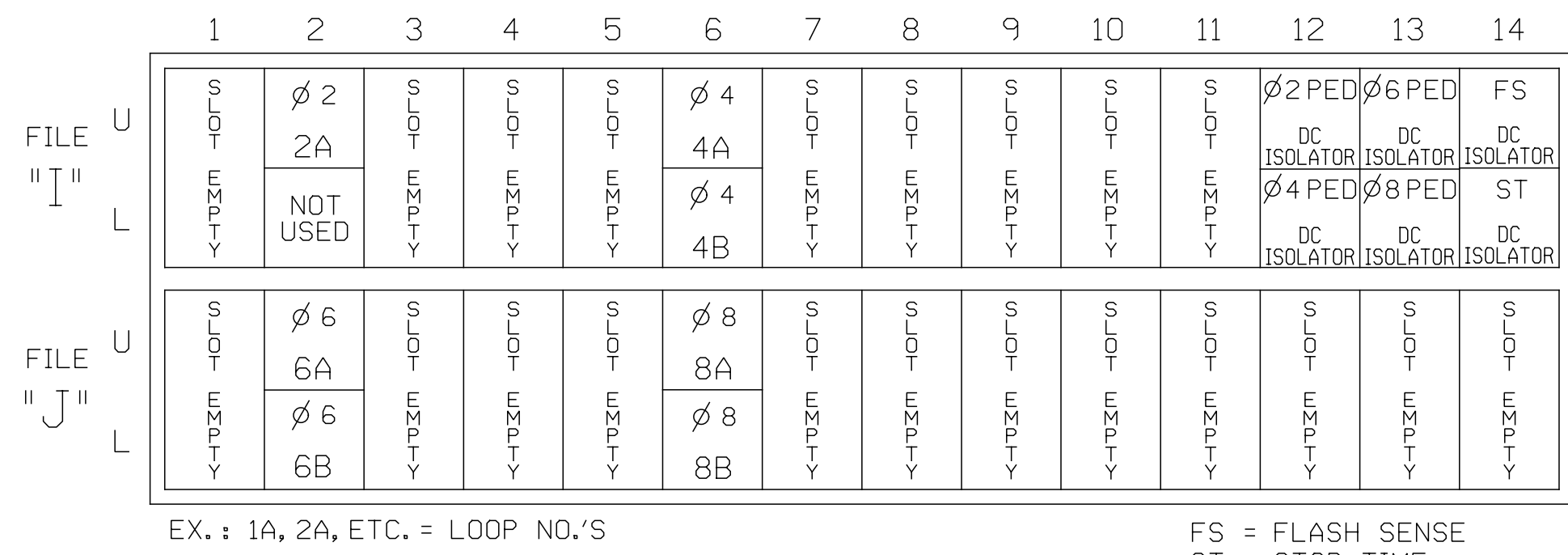
NU = Not Used

### EQUIPMENT INFORMATION

CONTROLLER.....2070  
 CABINET.....332  
 SOFTWARE.....ECONOLITE OASIS  
 CABINET MOUNT.....BASE  
 OUTPUT FILE POSITIONS...12  
 LOAD SWITCHES USED.....S2,S2P,S4,S4P,S6,S6P,S8,S8P  
 PHASES USED.....2,2PED,4,4PED,6,6PED,8,8PED  
 OVERLAPS.....NONE

### INPUT FILE POSITION LAYOUT

(front view)



### 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			
4A	TB4-9,10	I6U	41	3	4	4	Y	Y			3
4B	TB4-11,12	I6L	45	7	14	4	Y	Y			10
6A	TB3-5,6	J2U	40	2	6	6	Y	Y			
6B	TB3-7,8	J2L	44	6	16	6	Y	Y			
8A	TB5-9,10	J6U	42	4	8	8	Y	Y			3
8B	TB5-11,12	J6L	46	8	18	8	Y	Y			10
PED PUSH BUTTONS											
P21,P22	TB8-4,6	I12U	67	29			PED 2	2 PED			
P41,P42	TB8-5,6	I12L	69	31			PED 4	4 PED			
P61,P62	TB8-7,9	I13U	68	30			PED 6	6 PED			
P81,P82	TB8-8,9	I13L	70	32			PED 8	8 PED			

NOTE:  
 INSTALL DC ISOLATORS IN INPUT FILE SLOTS I12 AND I13.

Remove jumper from I1-W to J4-W, on rear of input file.

### 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.

### NOTES TO REMOVE EXISTING FYA HEADS (11 and 21) AND PROGRAMMING

- Configure conflict monitor programming card as shown in the conflict monitor detail.
- Remove Ped Yellow Conflict Monitor Wiring.
- Clear out Logical I/O Processor Programming for Special FYA-PPLT Signal Sequence.
- Clear out Overlap Programming for Overlaps A and C.
- Clear out FYA Signal Output Remapping Assignment for Signal Head 11.
- Clear out FYA Signal Output Remapping Assignment for Signal Head 21.
- In lieu of Steps 3 thru 6, remove Special FYA PPLT Signal Sequence, Overlap Programming, FYA Signal Output Remapping Assignments by defaulting existing controller.

THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 14-0638  
 DESIGNED: May 2015  
 SEALED: 7/31/2015  
 REVISED:

### Signal Upgrade

ELECTRICAL AND PROGRAMMING DETAILS FOR: Prepared in the Offices of: 750 N. Greenfield Pkwy, Garner, NC 27529	<b>US 64 Bus. (Caldwell Street) at SR 1349 Main Street</b>		SEAL SEAL 029669 JOSEPH B. KOPASKIE PROFESSIONAL ENGINEER
	Division 14 Transylvania County Brevard	PLAN DATE: May 2015 REVIEWED BY: J Hochanadel PREPARED BY: J Kopaskie REVIEWED BY:	
REVISIONS INIT. DATE	DATE		Documented by: Joseph Kopaskie 7/31/2015 DATE

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