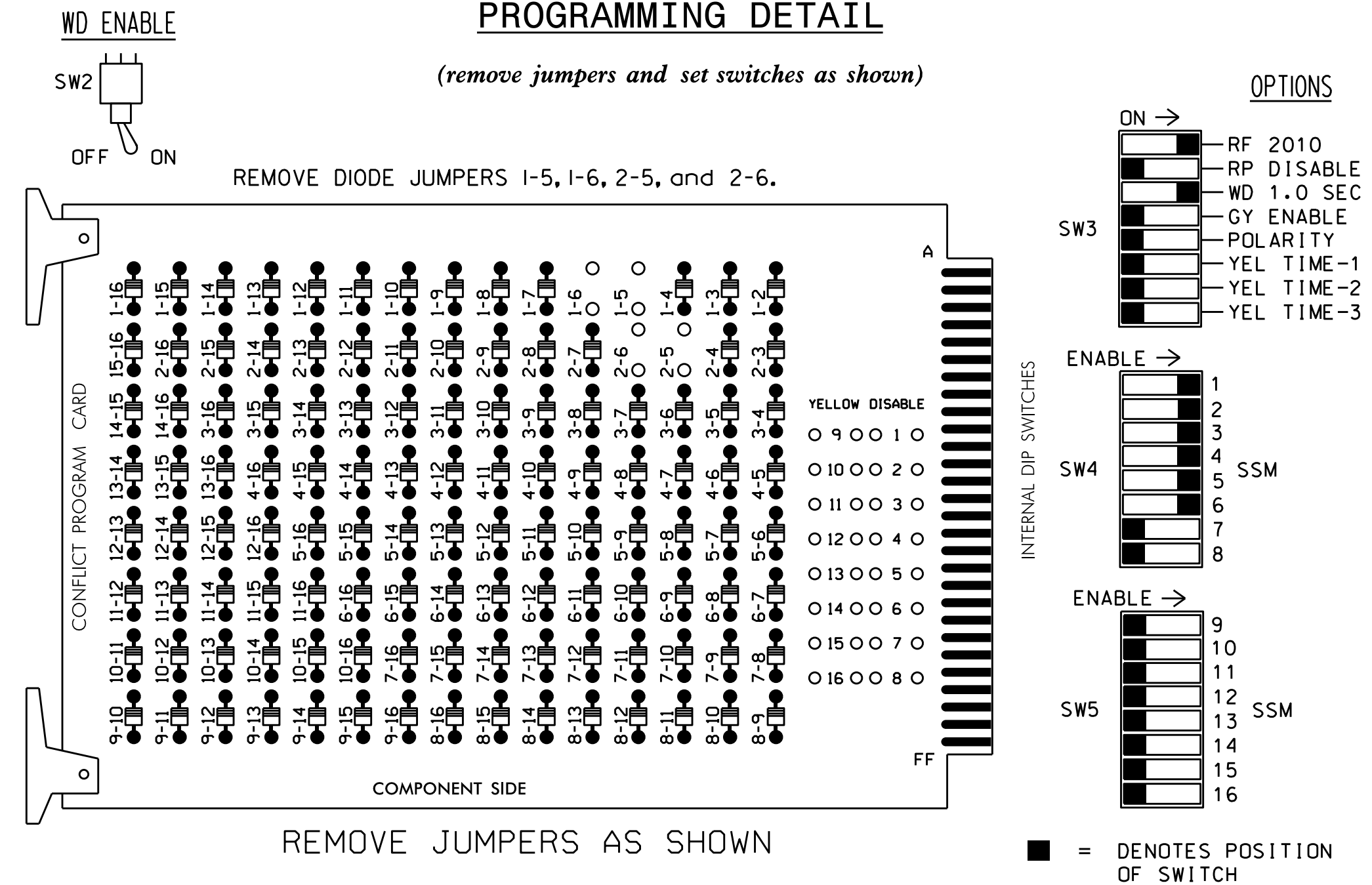


**EDI MODEL 2010ECL CONFLICT MONITOR**

**PROGRAMMING DETAIL**



- 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 7,8, 9,10,11,12,13,14,15 & 16 to load switch AC+ per the cabinet manufacturer's instructions.
- Enable Simultaneous Gap-Out for all phases.
- Program phases 2 and 6 for Variable Initial and Gap Reduction.
- Program phases 2 and 6 for Start Up In Green.
- Program phases 2 and 6 for Yellow Flash.

**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.	11	21,22	NU	22	31	32,33	41	42,43	62	NU	51	61,62	NU	NU	NU	NU
RED		128		116	116	101	101					134				
YELLOW		129		117	117	102	102					135				
GREEN		130		118	118	103	103					136				
RED ARROW	125											131				
YELLOW ARROW	126			117				102		132						
GREEN ARROW	127			118	118			103		103		133				
Hand icon																
Person icon																

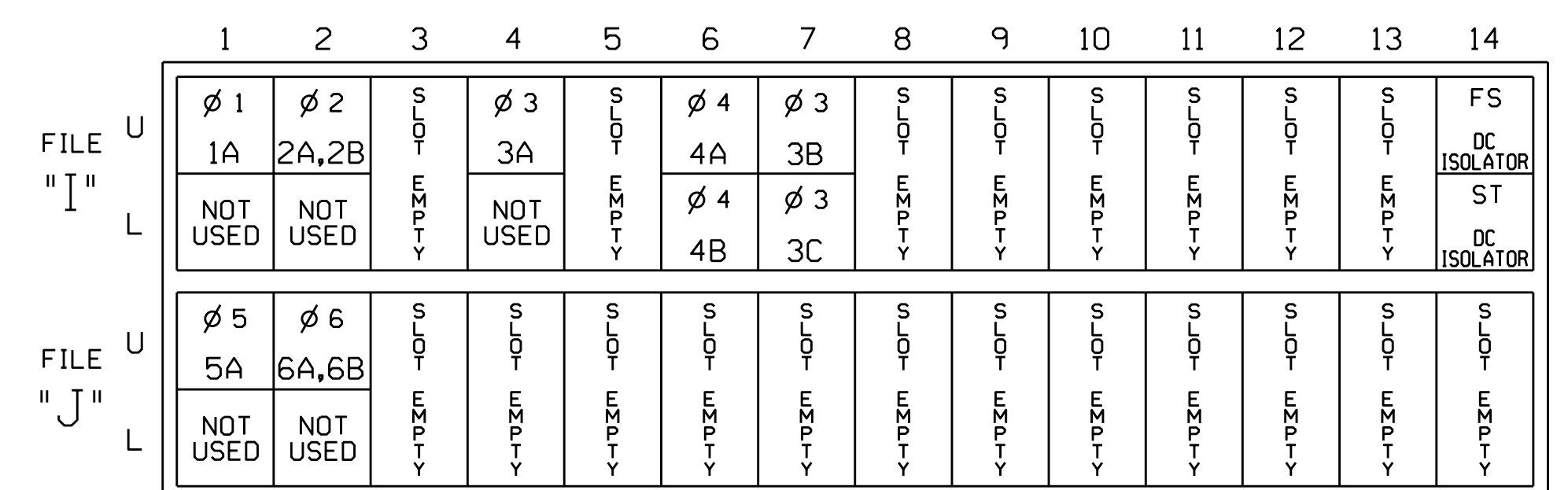
NU = Not Used

**EQUIPMENT INFORMATION**

CONTROLLER.....2070L  
 CABINET.....332  
 SOFTWARE.....ECONOLITE OASIS  
 CABINET MOUNT.....BASE  
 OUTPUT FILE POSITIONS...12  
 LOAD SWITCHES USED.....S1,S2,S3,S4,S5,S6  
 PHASES USED.....1,2,3,4,5,6  
 OVERLAPS.....NONE

**INPUT FILE POSITION LAYOUT**

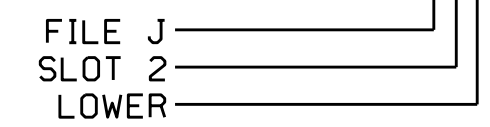
(front view)



**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
1A	TB2-1,2	I1U	56	18	1	1	Y	Y			
2A,2B	TB2-5,6	I2U	39	1	2	2	Y	Y			
3A	TB4-1,2	I4U	47	9	22	3	Y	Y			3
3B	TB6-1,2	I7U	65	27	34	3	Y	Y			5
3C	TB6-3,4	I7L	78	40	44	3	Y	Y			15
4A	TB4-9,10	I6U	41	3	4	4	Y	Y			5
4B	TB4-11,12	I6L	45	7	14	4	Y	Y			15
5A	TB3-1,2	J1U	55	17	5	5	Y	Y			
6A,6B	TB3-5,6	J2U	40	2	6	6	Y	Y			

INPUT FILE POSITION LEGEND: J2L



THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 03-0426  
 DESIGNED: February 2016  
 SEALED: 4-19-16  
 REVISED: N/A

20170305-2016\_14-28 S:\IT\SS\1715\_Signal\work\kg\030426\_sm.ele\_20100225.dgn T.peterson

Signal Upgrade

REVISION SEAL

Professional Engineer Seal: KEITH M. MIMS, ENGINEER, 036880, 4/20/2016

Prepared in the Offices of: Transporatio Mobility and Safety Solutions, Inc. 750 N. Greenfield Pkwy, Garner, NC 27529

NC 24 (Freedom Way) at NC 172/SR 1749 (Old NC 172)

Division 3 Onslow County Hubert

PLAN DATE: February 2010 REVIEWED BY: T. Joyce

PREPARED BY: S. Armstrong REVIEWED BY:

REVISIONS: No change to electrical detail. (UP)

Signature: Keith M. Mims, Date: 4/20/2016

Signature: T. Joyce, Date: 4/20/2016

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

Not a certified document as to the Original Document but only as to the Revisions - This document originally issued and sealed by George C. Brown, PE #022013, on 2-25-10. This document is only certified as to the revisions.

SIG. INVENTORY NO. 03-0426