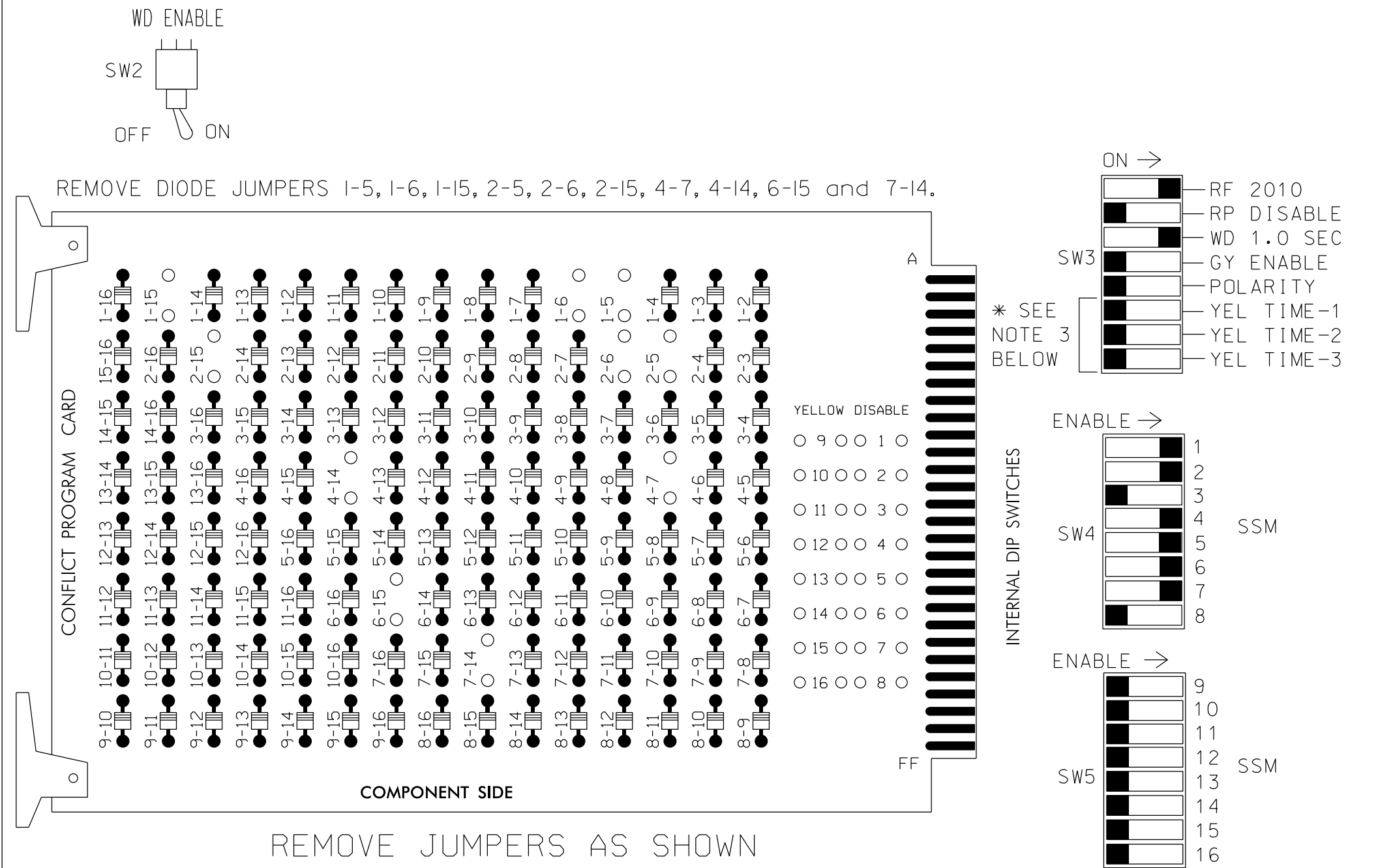


EDI MODEL 2010ECL CONFLICT MONITOR PROGRAMMING DETAIL

(remove jumpers and set switches as shown)



REMOVE JUMPERS 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.

* 3. Make sure YEL TIME-1, YEL TIME-2, and YEL TIME-3 switches are set to 'OFF'.

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 3,8,9, 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 4 and 6 for 'STARTUP PED CALL'.
- Program phases 2 and 6 for Yellow Flash.
- The cabinet and controller are part of the Fayetteville 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	OLE	8	8 PED
SIGNAL HEAD NO.	11	21,22	NU	NU	41, 42	63	P41, P42	51,52	61,62	P61, P62	43	NU
RED	128							134		122		
YELLOW	129							135				
GREEN	130							136				
RED ARROW	125				101			131				
YELLOW ARROW	126				102	102		132			123	
FLASHING YELLOW ARROW											124	
GREEN ARROW	127				103	103		133				
Hand icon							104			119		
Person icon							106			121		

NU = Not Used

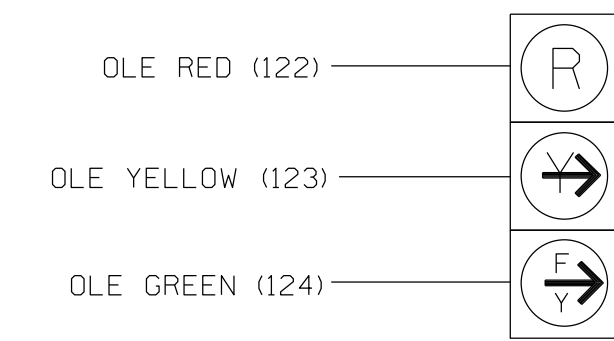
* See pictorial of head wiring in detail below.

EQUIPMENT INFORMATION

CONTROLLER.....2070
 CABINET.....332
 SOFTWARE.....ECONOLITE OASIS
 CABINET MOUNT.....BASE
 OUTPUT FILE POSITIONS...12
 LOAD SWITCHES USED.....S1,S2,S4,S4P,S5,S6,S6P,S7
 PHASES USED.....1,2,4,4PED,5,6,6PED
 OVERLAP "A".....NOT USED
 OVERLAP "B".....NOT USED
 OVERLAP "C".....NOT USED
 OVERLAP "D".....NOT USED
 OVERLAP "E".....4

3 SECTION FYA SIGNAL WIRING DETAIL

(wire signal head as shown)



43

INPUT FILE POSITION LAYOUT

(front view)

FILE U	1	2	3	4	5	6	7	8	9	10	11	12	13	14
U	∅ 1	∅2/SYS	∅2/SYS	S	S	∅ 4	∅ 4	S	S	S	S	NOT USED	∅6PED	FS
L	1A	2A/S2A	2C/S2C	∅2/SYS	∅2/SYS	∅ 4	NOT USED	∅2/SYS	∅2/SYS	∅2/SYS	∅2/SYS	∅2/SYS	DC ISOLATOR	DC ISOLATOR
U	∅ 5	∅6/SYS	∅6/SYS	S	S	∅ 4	NOT USED	S	S	S	S	∅4PED	NOT USED	ST
L	5A	6A/S6A	6C/S6C	∅2/SYS	∅2/SYS	∅ 4	NOT USED	∅2/SYS	∅2/SYS	∅2/SYS	∅2/SYS	DC ISOLATOR	NOT USED	DC ISOLATOR
U	∅ 5	∅6/SYS	NOT USED	S	S	∅ 4	NOT USED	S	S	S	S	∅4PED	NOT USED	ST
L	5B	6B/S6B	NOT USED	∅2/SYS	∅2/SYS	∅ 4	NOT USED	∅2/SYS	∅2/SYS	∅2/SYS	∅2/SYS	DC ISOLATOR	NOT USED	DC ISOLATOR

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

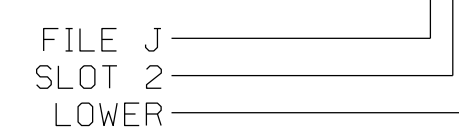
FS = FLASH SENSE
 ST = STOP TIME

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/S2A	TB2-5,6	I2U	39	1	2	2/SYS	Y	Y			
2B/S2B	TB2-7,8	I2L	43	5	12	2/SYS	Y	Y			
2C/S2C	TB2-9,10	I3U	63	25	32	2/SYS	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			
4C	TB6-1,2	I7U	65	27	34	4	Y	Y			10
5A	TB3-1,2	J1U	55	17	5	5	Y	Y			
5B	TB3-3,4	J1L	55	17	5	5	Y	Y			
6A/S6A	TB3-5,6	J2U	40	2	6	6/SYS	Y	Y			
6B/S6B	TB3-7,8	J2L	44	6	16	6/SYS	Y	Y			
6C/S6C	TB3-9,10	J3U	64	26	36	6/SYS	Y	Y			
PED PUSH BUTTONS											
P41,P42	TB8-5,6	I12L	69	31		PED 4		4 PED			
P61,P62	TB8-7,9	I13U	68	30		PED 6		6 PED			

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

INPUT FILE POSITION LEGEND: J2L



COUNTDOWN PEDESTRIAN SIGNAL OPERATION

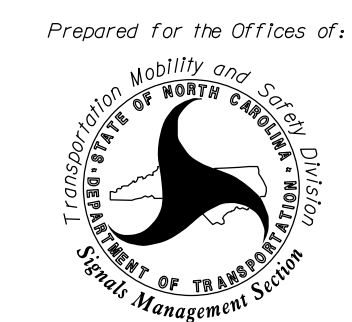
Countdown Ped Signals are required to display timing only during Ped Clearance Interval. Consult Ped Signal Module user's manual for instructions on selecting this feature.

THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 06-0457
 DESIGNED: April 2015
 SEALED: 4-27-2015
 REVISED: N/A



Signal Upgrade

ELECTRICAL AND PROGRAMMING DETAILS FOR:



750 N. Greenfield Pkwy, Garner, NC 27529

SR 1007 (Owen Drive)
 at
 Melrose Road

REVISIONS	INIT.	DATE

