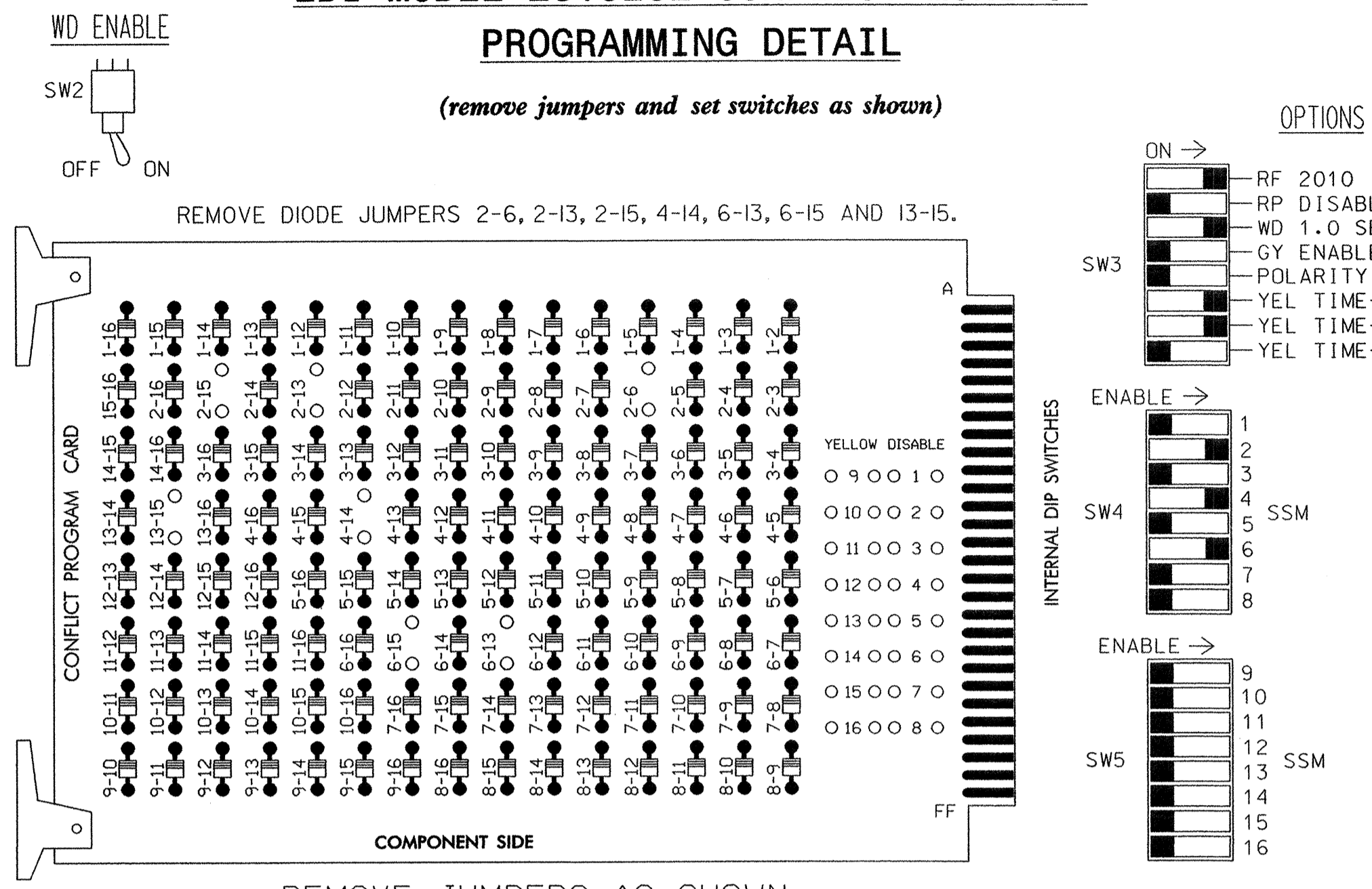


EDI MODEL 2010ECL CONFLICT MONITOR

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 SEL1-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 1,3,5,7,8,9,10,11,12,13,14,15 & 16 TO LOAD SWITCH AC+ PER CABINET MANUFACTURER'S INSTRUCTIONS.
- PROGRAM CONTROLLER TO START UP IN PHASES 2 AND 6 GREEN.
- ENABLE SIMULTANEOUS GAP-OUT FEATURE, ON CONTROLLER UNIT, FOR ALL PHASES.
- THE CONTROLLER AND CABINET ARE TO BE PROGRAMMED AND WIRED TO BE PART OF THE MERRIMON AVE CLOSED LOOP SIGNAL SYSTEM. CONTROLLER ASSET: 0253
- PROGRAM PHASES 2,4 AND 6 FOR 'START-UP PED CALL'.

FIELD CONNECTION 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	21,22	P21, P22	NU	41,42	P41,P42, P43,P44	NU	61,62	P61, P62	NU	NU	NU
GREEN		130			103			136				
YELLOW		129			102			135				
RED		128			101			134				
RED ARROW												
YELLOW ARROW												
GREEN ARROW												
			115			106		121				
			113			104		119				

NU = NOT USED

PEDESTRIAN RECALL PROGRAMMING NOTES

(program controller as shown below)

- FROM OASIS LOCAL CONTROLLER MAIN MENU, SELECT "2. PHASE CONTROL".
- SELECT "1. PHASE CONTROL FUNCTIONS".
- IN THE ROW TITLED "PED RECALL", SELECT PHASES 2 AND 6.

INPUT FILE POSITION LAYOUT

(front view)

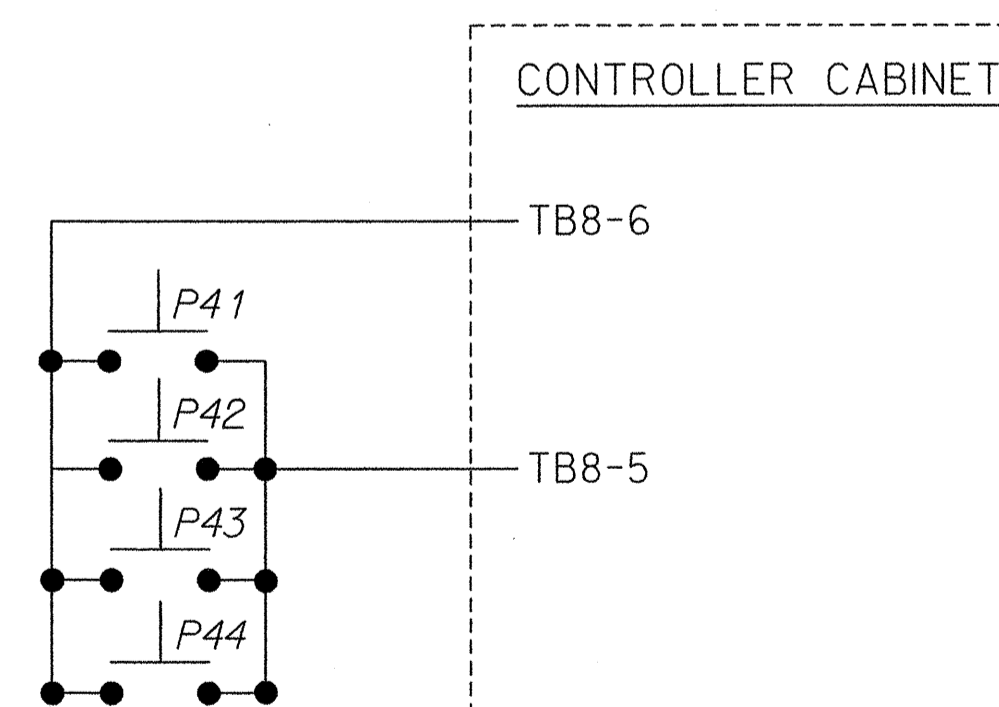
	1	2	3	4	5	6	7	8	9	10	11	12	13	14
FILE "I" U	S	∅ 2	S	S	S	∅ 4	S	S	S	S	NOT USED	S	S	FS
"I" L	S	2A	S	S	S	4A	S	S	S	S	∅ 4 PED	S	S	DC ISOLATOR
FILE "J" U	S	∅ 6	S	S	S	NOT USED	S	S	SYS S23	S	S	S	S	ST
"J" L	S	6A	S	S	S	NOT USED	S	S	SYS S24	S	S	S	S	DC ISOLATOR
		∅ 6	S	S	S		S	S		S	S	S	S	
		6B	S	S	S		S	S		S	S	S	S	

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

FS = FLASH SENSE
ST = STOP TIME

PEDESTRIAN PUSH-BUTTON WIRING DETAIL

(wire push-buttons as shown below)



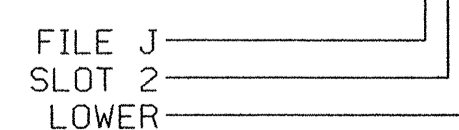
INPUT FILE CONNECTION & PROGRAMMING CHART

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	-	---	---
2B	TB2-7,8	I2L	43	5	12	2	Y	Y	-	---	---
4A	TB4-9,10	I6U	41	3	4	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	-	---	---
* S23	TB7-9,10	J9U	59	21	15	SYS	-	-	-	---	---
* S24	TB7-11,12	J9L	61	23	17	SYS	-	-	-	---	---
PED PUSH BUTTONS											
P41,P42, P43,P44	TB8-5,6	I12L	69	31	PED 4	4 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.

INPUT FILE POSITION LEGEND: J2L



EQUIPMENT INFORMATION

CONTROLLER.....CONTRACTOR SUPPLIED 2070L
CABINETCONTRACTOR SUPPLIED 332
SOFTWAREECONOLITE OASIS
CABINET MOUNT.....BASE
OUTPUT FILE POSITIONS...12
LOAD SWITCHES USED.....S2,S2P,S4,S4P,S6,S6P
PHASES USED.....2,2PED,4,4PED,6,6PED
OVERLAPS.....NONE

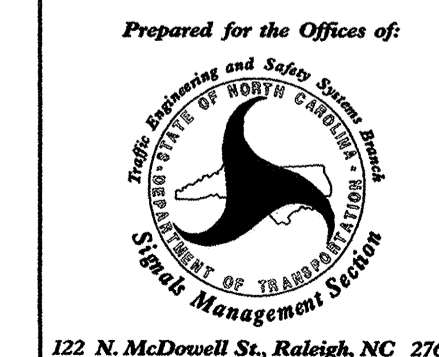
THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 13-0253
DESIGNED: APRIL 2004
SEALED: 12/17/04
REVISED: TBD

SIGNAL UPGRADE - FINAL

This Plan Shall Supersede The Plan Previously Signed and Sealed On 7/02/04

ELECTRICAL AND PROGRAMMING DETAILS FOR:	WOODFIN STREET		SEAL NORTH CAROLINA PROFESSIONAL ENGINEER JAMES O. DEATON
	AT MARKET STREET/I-240 EB ON-RAMP		
DIVISION 13	BUNCOMBE COUNTY	ASHEVILLE	
PLAN DATE: APRIL 2004	REVIEWED BY: J O DEATON		
PREPARED BY: M W YALCH	REVIEWED BY:		
REVISIONS	INIT.	DATE	

PLANS PREPARED BY :
Mattern & Craig
CONSULTING ENGINEERS • SURVEYORS
12 BROAD STREET
ASHEVILLE, NORTH CAROLINA 28801
(828) 254-2201
FAX (828) 254-4562



SIGNATURE: *James O. Deaton*
DATE: 12/17/04
SIG. INVENTORY NO. 13-0253F