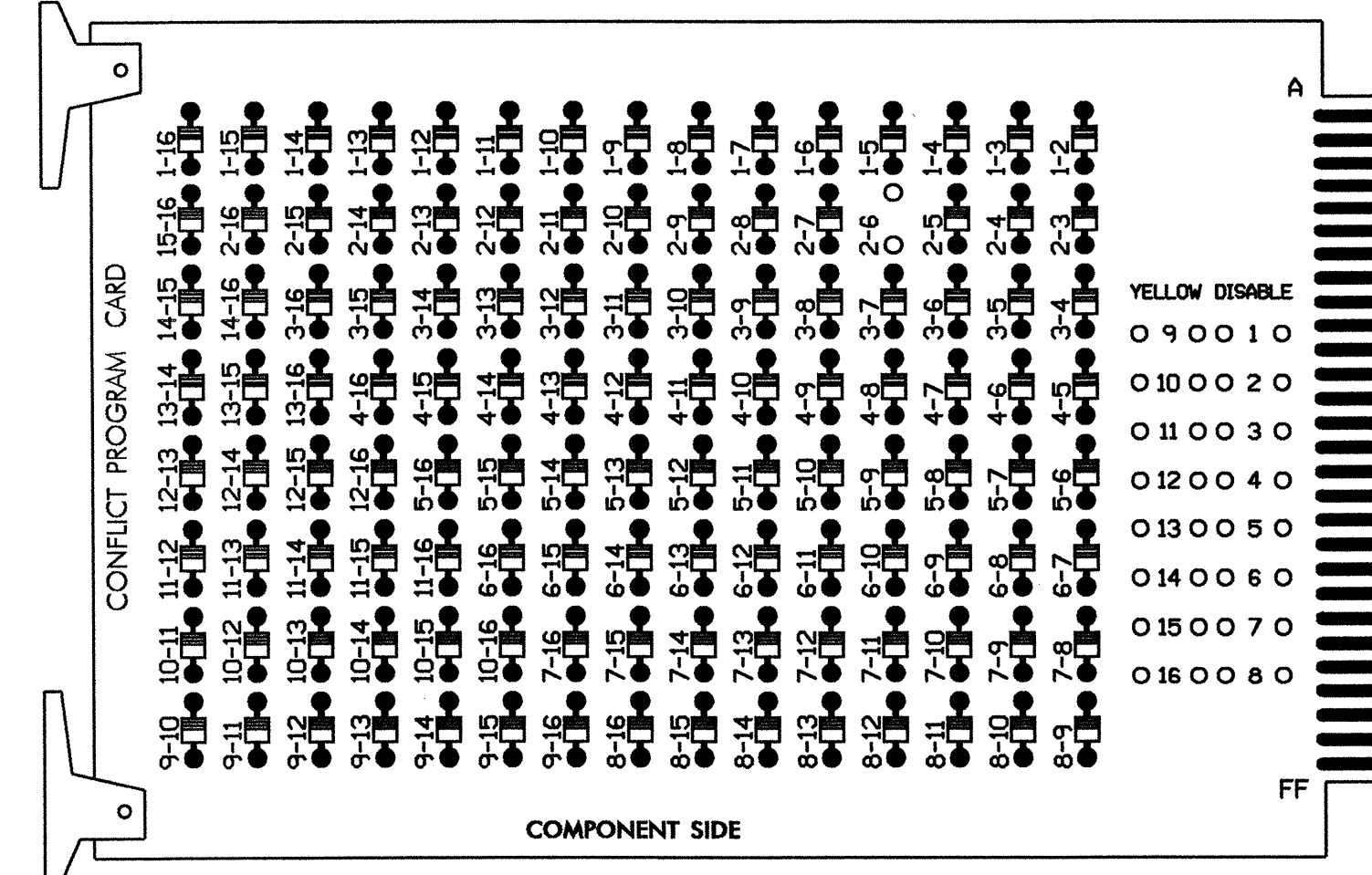
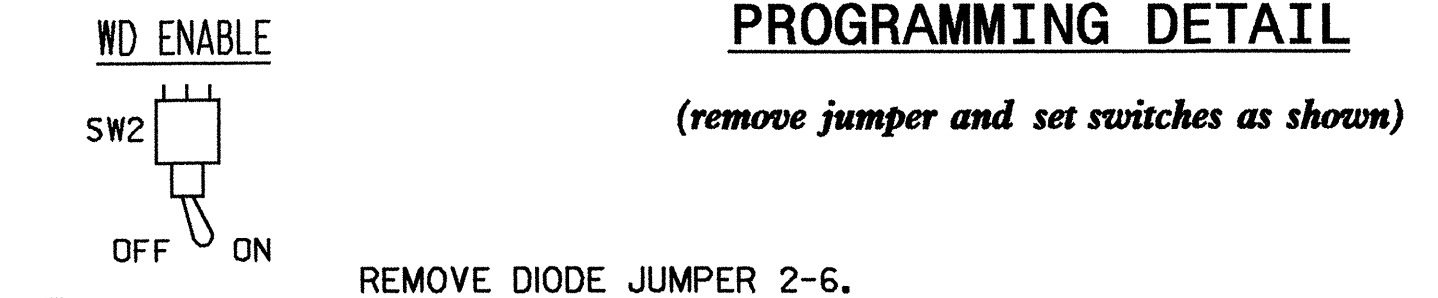


EDI MODEL 2010ECL CONFLICT MONITOR

PROGRAMMING DETAIL

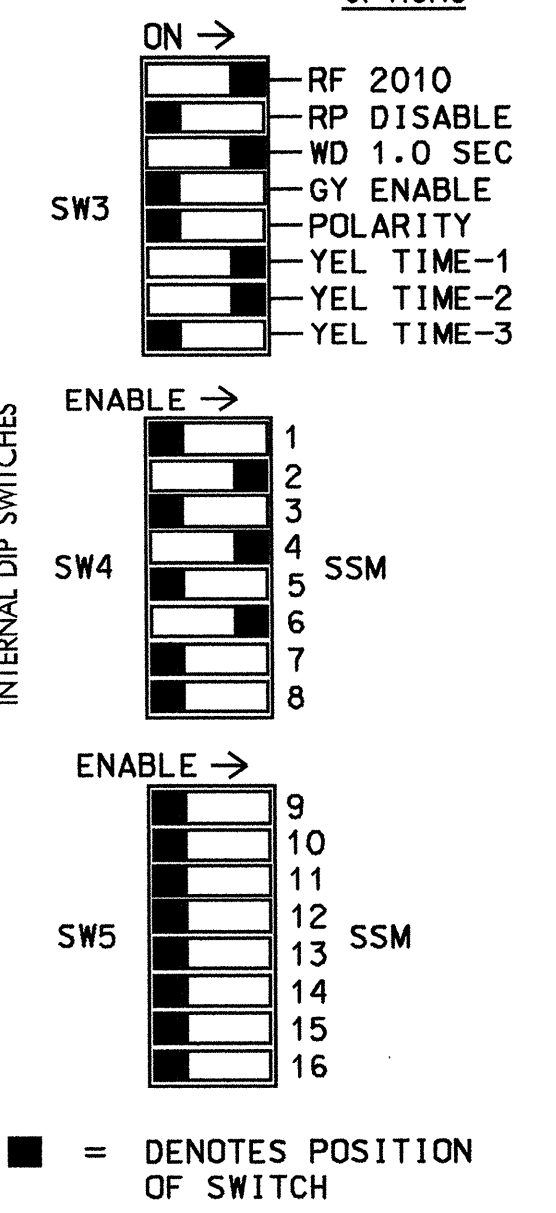


REMOVE JUMPERS AS SHOWN

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.

OPTIONS



■ = 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.
- 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 THE 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.
- PROGRAM PHASES 2 AND 6, ON CONTROLLER UNIT, FOR VARIABLE INITIAL AND GAP REDUCTION.
- THE CABINET AND CONTROLLER ARE PART OF THE NC 42 CLOSED LOOP SYSTEM.

EQUIPMENT INFORMATION

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

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	NU	NU	41,42	NU	NU	61,62	NU	NU	NU	NU
GREEN		130			103			136				
YELLOW		129			102			135				
RED		128			101			134				
RED ARROW												
YELLOW ARROW												
GREEN ARROW												

NU = NOT USED

INPUT FILE POSITION LAYOUT

(front view)

FILE	1	2	3	4	5	6	7	8	9	10	11	12	13	14
U	∅2-SYS	∅2				∅4	∅4							FS
I	2A-SD1	2C				4A	4C							DC ISOLATOR
L	2B-SD2	NOT USED				4B	4D							ST
U	∅6-SYS													DC ISOLATOR
I	6A-SD3													
L	6B-SD4													

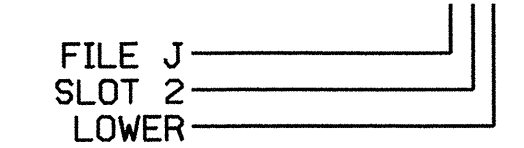
EX.: 1A, 2A, ETC. = LOOP NO.'S

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
2A-SD1	TB2-5,6	I2U	39	1	2	2-SYS	Y	Y	-	---	---
2B-SD2	TB2-7,8	I2L	43	5	12	2-SYS	Y	Y	-	---	---
2C	TB2-9,10	I3U	63	25	32	2	Y	Y	Y	---	3
4A	TB4-9,10	I6U	41	3	4	4	Y	Y	-	---	---
4B	TB4-11,12	I6L	45	7	14	4	Y	Y	-	---	---
4C	TB6-1,2	I7U	65	27	34	4	Y	Y	-	---	15
4D	TB6-3,4	I7L	78	40	44	4	Y	Y	-	---	15
6A-SD3	TB3-5,6	J2U	40	2	6	6-SYS	Y	Y	-	---	---
6B-SD4	TB3-7,8	J2L	44	6	16	6-SYS	Y	Y	-	---	---

INPUT FILE POSITION LEGEND: J2L



CLOSED LOOP SYSTEM DATA :	
MASTER ASSET	10805
CONTROLLER ASSET	1064

THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 08-1064
 DESIGNED: JUNE 2004
 SEALED: 6-14-04
 REVISED:

New Installation

ELECTRICAL AND PROGRAMMING DETAILS FOR:

NC 42 (Broadway Road) at US 421-NC 87 Southbound Ramps

Division 08 Lee County Sanford

PLAN DATE: June 2004 REVIEWED BY: MR Cooney

PREPARED BY: LMM REVIEWED BY: LM Moon

REVISIONS INIT. DATE

122 N. McDowell St., Raleigh, NC 27603

Seal: NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 025892 MELISSA R. COONEY

SIGNATURE: Melissa R. Cooney 6-14-04 DATE: 6-14-04

SIG. INVENTORY NO. 08-1064

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