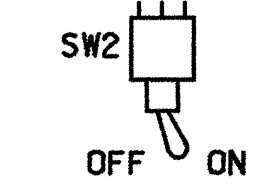


EDI MODEL 2010ECL CONFLICT MONITOR

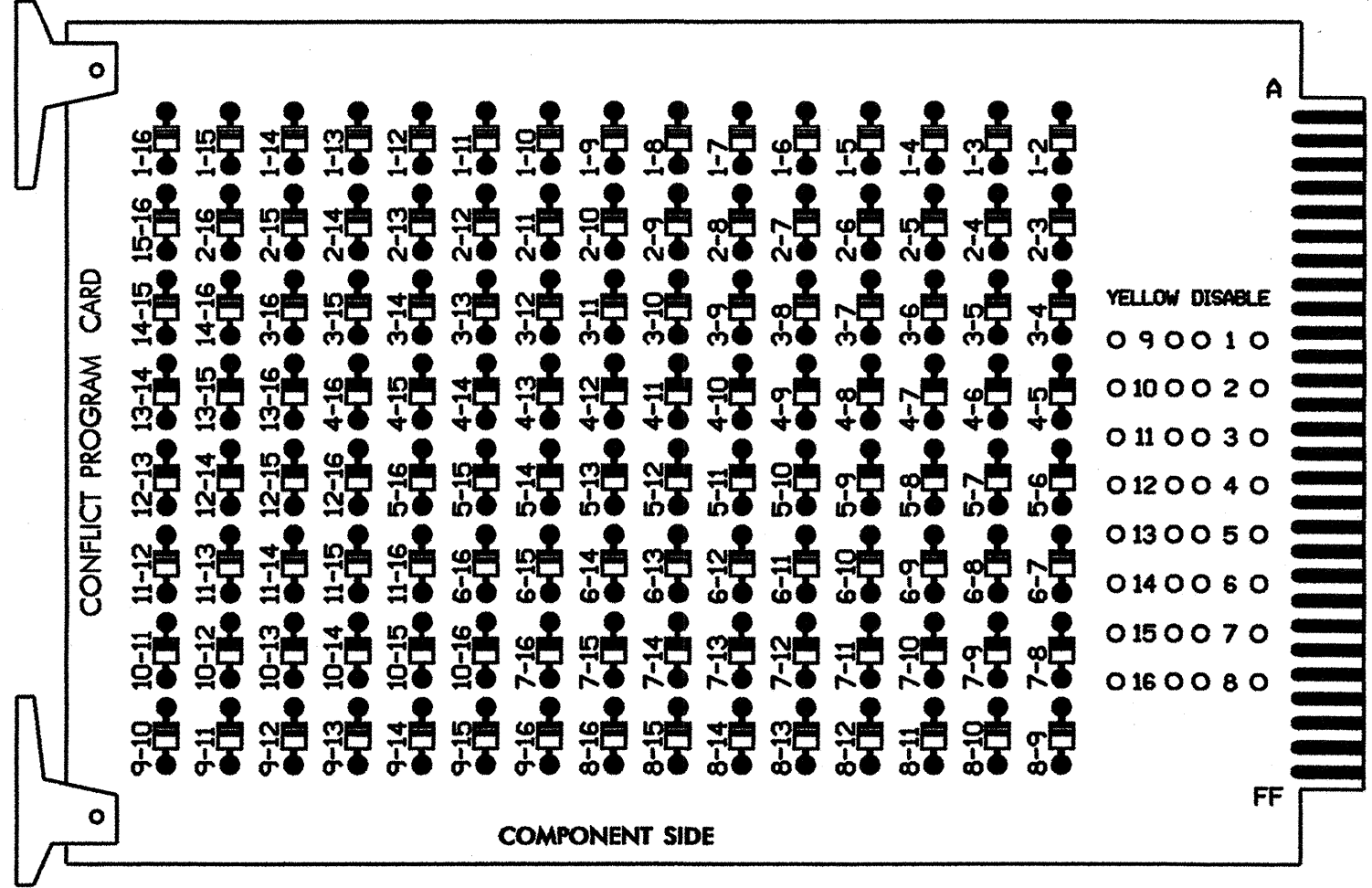
PROGRAMMING DETAIL

WD ENABLE

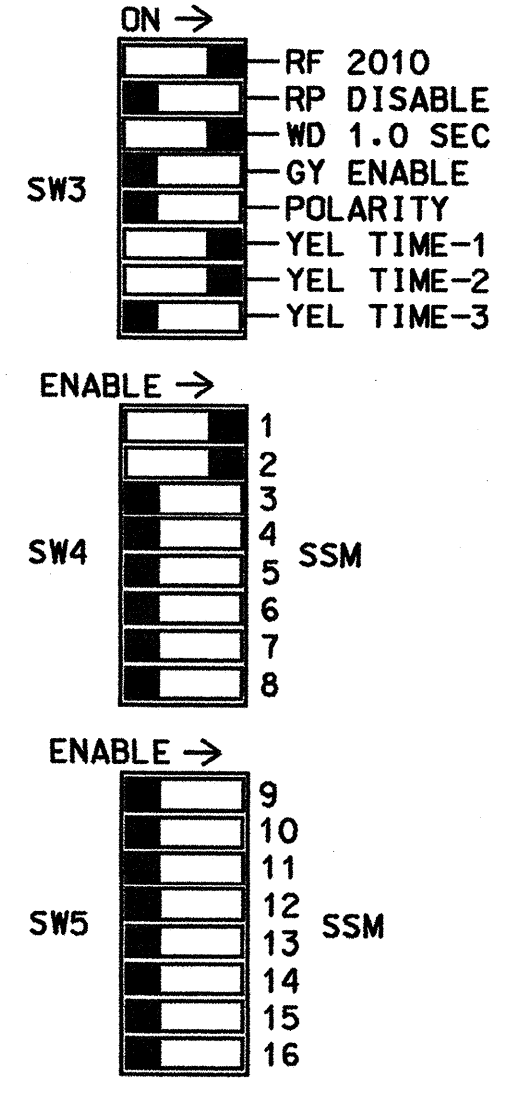


(remove jumpers and set switches as shown)

ALL DIODE JUMPERS REMAIN IN PLACE



OPTIONS



NOTES:

- 1. CARD IS PROVIDED WITH ALL DIODE JUMPERS IN PLACE. REMOVAL OF ANY JUMPER ALLOWS ITS CHANNELS TO RUN CONCURRENTLY.
- 2. MAKE SURE JUMPERS SEL1-SEL5 ARE PRESENT ON THE MONITOR BOARD.

NOTES

- 1. 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.
- 2. 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 3,4,5,6,7,8,9,10,11,12,13,14, 15 & 16 TO LOAD SWITCH AC+ PER CABINET MANUFACTURER'S INSTRUCTIONS.
- 3. PROGRAM CONTROLLER TO START UP IN PHASE 1 RED CLEARANCE. (SEE PROGRAMMING NOTE THIS SHEET.)
- 4. ENABLE SIMULTANEOUS GAP-OUT FEATURE, ON CONTROLLER UNIT, FOR ALL PHASES.
- 5. SET ALL DETECTOR CARD UNITS TO 'PRESENCE' MODE.
- 6. PROGRAM CONTROLLER TO REST IN RED WHEN NO VEHICLE CALLS ARE PRESENT. (SEE PROGRAMMING NOTE THIS SHEET.)

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.	11,12	21,22	NU	NU	NU	NU	NU	NU	NU	NU	NU	NU
GREEN	127	130										
YELLOW	126	129										
RED	125	128										
RED ARROW												
YELLOW ARROW												
GREEN ARROW												

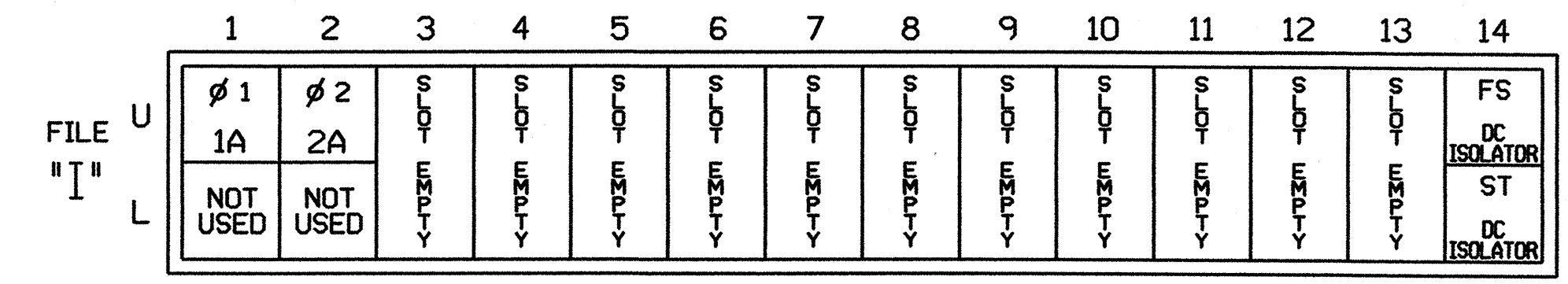
NU = NOT USED

EQUIPMENT INFORMATION

CONTROLLER.....CONTRACTOR SUPPLIED 2070L
 CABINETCONTRACTOR SUPPLIED 336
 SOFTWAREECONOLITE OASIS
 CABINET MOUNT.....POLE
 OUTPUT FILE POSITIONS...12
 LOAD SWITCHES USED.....S1,S2
 PHASES USED.....1,2
 OVERLAPS.....NONE

INPUT FILE POSITION LAYOUT

(front view)



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

FS = FLASH SENSE
 ST = STOP TIME

'RED REST' OPERATION PROGRAMMING

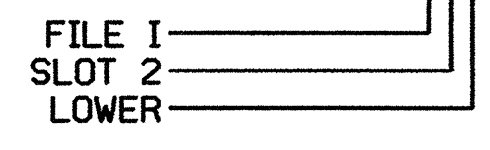
FROM MAIN MENU PRESS '2' (PHASE CONTROL), THEN '1' (PHASE CONTROL FUNCTIONS). SCROLL DOWN ON THIS SCREEN TO 'RED REST' AND TOGGLE PHASES 1 AND 2 'ON'. (AN 'X' WILL APPEAR UNDER THE PHASE COLUMNS TO INDICATE ACTIVATION.)

THIS ELECTRICAL DETAIL IS FOR THE
 TEMPORARY SIGNAL DESIGNS: 01-0721T1
 DESIGNED: JANUARY 2003 01-0721T2
 SEALED: 1-21-03 01-0721T3
 REVISED: N/A

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	TB21-1,2	I1U	56	18	1	1	Y	Y			
2A	TB21-3,4	I2U	39	1	2	2	Y	Y			

INPUT FILE POSITION LEGEND: I2L



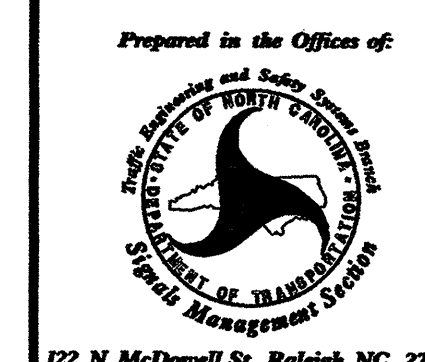
RED CLEARANCE START-UP PROGRAMMING

FROM MAIN MENU PRESS '2' (PHASE CONTROL), THEN '1' (PHASE CONTROL FUNCTIONS). SCROLL DOWN ON THIS SCREEN TO 'STARTUP RED CLR' AND TOGGLE PHASE 1 'ON'. (AN 'X' WILL APPEAR UNDER THIS PHASE COLUMN TO INDICATE ACTIVATION.)

THIS DETAIL SUPERSEDES DETAIL DATED APRIL 2002 AND SEALED 4-30-02

TEMPORARY DESIGN 1 - CONSTRUCTION PHASE I
 TEMPORARY DESIGN 2 - CONSTRUCTION PHASE II
 TEMPORARY DESIGN 3 - CONSTRUCTION PHASE III

ELECTRICAL AND PROGRAMMING DETAILS FOR:



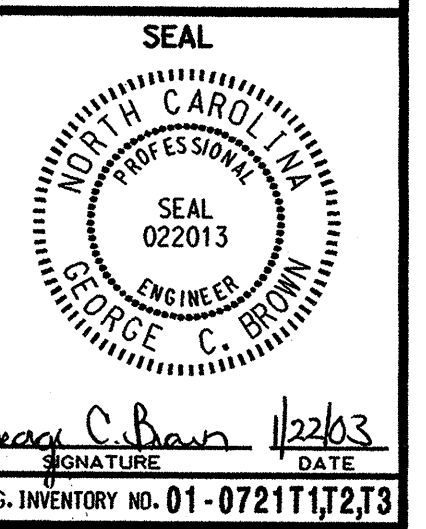
BRIDGE NUMBER 7 on NC 615 over COREY'S DITCH

DIVISION 01: CURRITUCK COUNTY WICKAY ISLAND

PLAN DATE: JANUARY 2003 REVIEWED BY: T. Joyal

PREPARED BY: F.E. RUSS REVIEWED BY:

REVISIONS	INIT.	DATE



SIG. INVENTORY NO. 01-0721T1T3