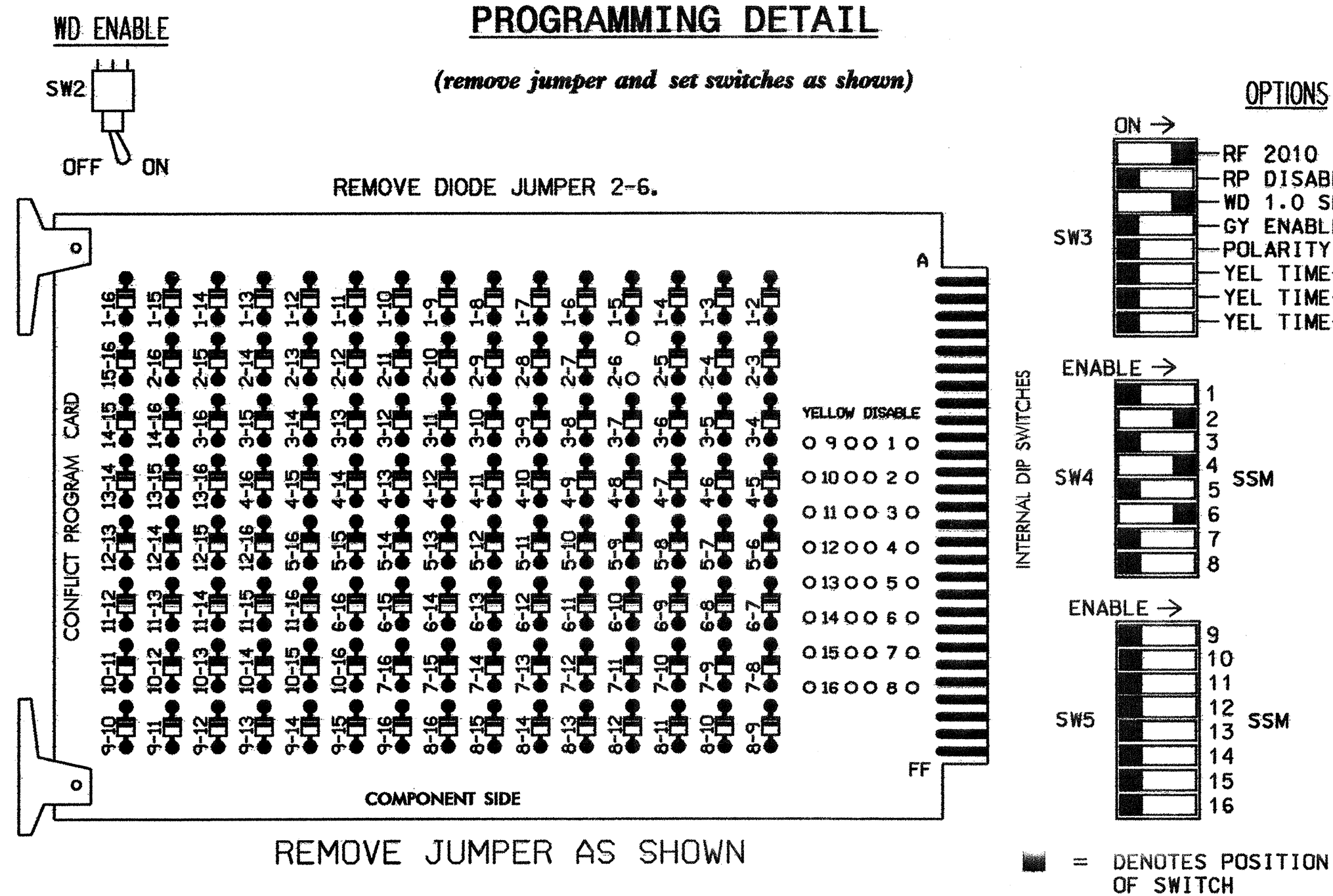


EDI MODEL 2010ECL CONFLICT MONITOR

PROGRAMMING DETAIL

(remove jumper and set switches as shown)



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 1,3,5, 7,8,9,10,11,12,13,14,15 & 16 to load switch AC+ per the cabinet manufacturer's instructions.
3. Program controller to start up in phases 2 and 6 green.
4. Enable Simultaneous Gap-Out, on the controller unit, for all phases.
5. Program phase 4 for 'STARTUP PED CALL'.
6. The cabinet and controller are part of the Gastonia City System.

EQUIPMENT INFORMATION

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

* USED FOR TIMING PURPOSES ONLY

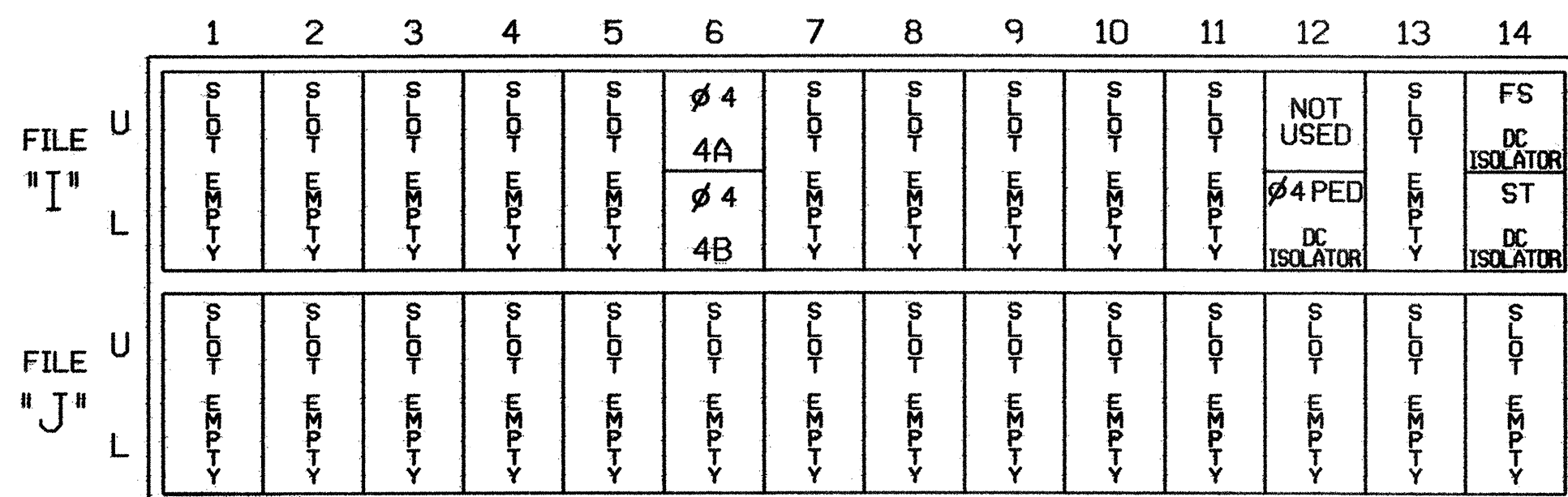
FIELD CONNECTION HOOK-UP CHART

| 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

(from view)



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

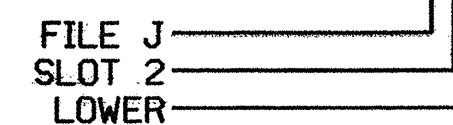
FS = FLASH SENSE
 ST = STOP TIME

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 |
|------------------|---------------|-----------------|---------|----------------------|--------------|------------|------|--------|-----------------|--------------|------------|
| 4A | TB4-9,10 | I6U | 41 | 3 | 4 | 4 | Y | Y | | | 3 |
| 4B | TB4-11,12 | I6L | 45 | 7 | 14 | 4 | Y | Y | | | 10 |
| PED PUSH BUTTONS | | | | | | | | | | | |
| P41,P42 | TB8-5,6 | I12L | 69 | 31 | PED 4 | 4 PED | | | | | |

NOTE:
 INSTALL DC ISOLATOR
 IN INPUT FILE SLOT 112

INPUT FILE POSITION LEGEND: J2L



THIS ELECTRICAL DETAIL IS FOR
 THE SIGNAL DESIGN: 12-0061
 DESIGNED: January 2005
 SEALED: 1/25/05
 REVISED:

Signal Upgrade

Electrical and Programming Details For:
 Prepared in the Office of:

 222 N. McDowell St., Raleigh, NC 27603

| | |
|----------------------------------|--------------------------|
| Linwood Rd. at Second Ave. | |
| Division 12 | Gaston County - Gastonia |
| PLAN DATE: January 2005 | REVIEWED BY: <i>FW</i> |
| PREPARED BY: William Hairston | REVIEWED BY: |
| REVISIONS | INIT. DATE |

SEAL
 NORTH CAROLINA
 PROFESSIONAL
 SEAL
 022013
 ENGINEER
 GEORGE C. BRUNN

 Signature: *George C. Brun* 2/1/05
 DATE: 2/1/05
 SIG. INVENTORY NO. 12-0061